

**DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA**  
**MINISTRY OF HEALTH, NUTRITION & INDIGENOUS MEDICINE**

**RE-LOCATION AND RENOVATION OF MAIN  
LABORATORY (CIVIL WORKS)**

**General Hospital (Teaching) - Peradeniya**

**BIDDING DOCUMENT**

**Volume II**

**Invitation for Bids**

- Section 04 - Form of Bid and Qualification Information**  
**Section 05 - Bidding Data and Contract Data**  
**Section 07 - Bill of Quantities**

**Contractor .....**

**CONSULTANT**

CENTRAL ENGINEERING CONSULTANCY BUREAU  
415, BAUDDHALOKA MAWATHA,  
COLOMBO 07.

**CLIENT**

MINISTRY OF HEALTH, NUTRITION & INDIGENOUS MEDICINE  
“SUWASIRIPAYA “  
385, REV BADDEGAMA WIMLAWANSA THERO  
MAWATHA  
COLOMBO 10

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# **INVITATION FOR BIDS**

## INVITATION FOR BIDS (IFB)

1. The Chairman, Regional Procurement committee **General Hospital (Teaching), Peradeniya** on behalf of the **Tender Board** now invites sealed bids for **Re - Location and Renovation of Main Laboratory (Civil Works) for General Hospital (Teaching), Peradeniya** as described below and estimated to cost~ 18.67 million (Basic cost)
2. Work consists of Demolisher, Concreter, Masonry Works, Wall Finishes, Floor Finishes, Painter, Plumber, Aluminum Work & 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 **C7 & above** in the field of Building works under Construction Industry Development Authority (CIDA)/ Former ICTAD.

4(b) Contractor has successfully completed at least two similar projects to this by value and complexity during last five years. Contractor should submit completion certificate and performance certificate.

4(c) Average annual volume of Construction works performed in the last five years shall be at least **Rs.15 million.**

4d) 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 Re - Location and Renovation of Main Laboratory (Civil Works)**, and inspect the bidding documents at the address given below from 2025.04.17 until 2025.05.02 from 09.00 hrs to 14.00 hrs
2. 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 Re - Location and Renovation of Main Laboratory (Civil Works)** from 2025.04.17 until 2025.05.02 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.  
[www.peradeniya-hospital.health.gov.lk](http://www.peradeniya-hospital.health.gov.lk)

6. Sealed bids shall be delivered in duplicate marking as the **Original** and the **Copy** to the **address below**, on or before 14.00 hrs. on 2025.05.02. 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 validity shall be 77 days from the date for closing of Bids.
8. All bids shall be accompanied by a "Bid security" of **Rupees two hundred five thousand five hundred only (Rs. 205,500.00)**. 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.*
- and*
- *Construction Guarantee Fund.*

The address referred to above is,

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

**Section - 4**

**FORM OF BID AND QUALIFICATION  
INFORMATION**

# FORM OF BID

Name of Contract: **Re - Location and Renovation of Main Laboratory (Civil Works)**

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 ..... (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 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..... Day of ..... 202.. 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)*

<b>ICTAD Registration</b>	<i>(Attach copies of relevant pages from the registration book)</i>
Registration number	
Grade ( <b>C7 &amp; above</b> )	
Specialty – ( <b>Building</b> )	
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	
<b>VAT Registration Number</b>	
<b>Legal status</b>	<i>(Attach relevant status copies, as annex)</i>
<b>Construction Program</b>	<i>(Attach as annex)</i>
<b>Value of similar works completed in last 5 years (Indicate only three largest projects)</b>	1. Value Rs..... Year ..... 2. Value Rs..... Year ..... 3. Value Rs..... Year ..... (Attach certified copies of Letter of award & certificate of completion)
<b>Qualification and experience of key staff - Site &amp; Head Office (Permanent, Contract Basis &amp; Consultants)</b>	(Attach certified copies of certificates) Managerial / Technical:  1. Technical Assistant- Civil (Full time at site)- NVQ 5 or equivalent with minimum five years experience
<b>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</b>	



**Section - 5**

**BIDDING DATA AND CONTRACT DATA**

## G. BIDDING DATA

### Instructions to Bidders

**Clause Reference (1.1)**

The Employer is  
Name: **Director**  
Address: **General Hospital (Teaching), Peradeniya.**

Work consists Demolisher, Concreter, Masonry Works, Wall Finishes, Floor Finishes, Painter, Plumber, Aluminum Work & 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 **until 14.00 hrs. on 2025.05.02**

**(2.1)** The source of funds is GOSL

**(4.2)** The registration required for main contractor:  
Specialty - **Building works**  
Grade - **C7 & above**

**(4.3)**

- The Following information shall be provided in Section 4 for the bidder
- CIDA Registration
  - Registration number:
  - Grade
  - Specialty
  - 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. 15 Million**.
- Experience in the construction of at least two contract of a nature and complexity equivalent to the Works over five years.
- Minimum persons with qualifications and experience.

**Managerial / Technical**

Minimum persons with qualifications and experience to be defined,

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

(8.1)

Content of Bidding Document

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 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)

(9.1)

Employer's address for the purpose of clarification is;

Name : **Director**

Address : **General Hospital (Teaching),  
Peradeniya.**

Tel : .....

(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”;
- (a) Bidding Document
- (b) Bid security or Bid-Securing Declaration as specified
- (B) enclosed in the envelope 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 91 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. 205,500.00.**
  - Valid until 105 days from closing date of Bid. ( Date:.....)
- 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
- (17.0) Pre Bid meeting will be held at **conference room of the General Hospital (Teaching), Peradeniya**.at 10.30 hrs on 2025.04.24
- (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: **Re - Location and Renovation of Main Laboratory (Civil Works) for General Hospital (Teaching), Peradeniya**  
Contract No. : .....

(20.1) The deadline for submission of Bids shall be **14.00 hrs on 2025.05.02**

(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 : **Director**

Address : **General Hospital (Teaching), Peradeniya.**

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 Demolisher, Concreter, Masonry Works, Wall Finishes, Floor Finishes, Painter, Plumber, Aluminum Work & 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

- (13.1) The minimum insurance cover shall be:
- (a) 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.**
- (b) **Contractor's Equipment**
- 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**
- (c) The minimum cover for insurance of other property (other than the site):
- Five Hundred Thousand
- (d) **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)
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 - 7**

**BILL OF QUANTITIES**

**RE-LOCATION AND RENOVATION OF MAIN LABORATORY (CIVIL WORKS)**  
**GENERAL HOSPITAL (TEACHING) - PERADENIYA**

**SUMMARY**

ITEM	DESCRIPTION	AMOUNT Rs. Cts.
A	PRELIMINARIES	
B	DEMOLISHER	
C	CONCRETER	
D	MASONRY WORKS	
E	WALL FINISHES	
F	FLOOR FINISHES	
G	PAINTER	
H	PLUMBER	
I	ALUMINIUM WORK	
J	MISCELLANEOUS WORKS	
(a)	<b>Sub Total I</b>	
(b)	Ddt: Provisional Sum	2,270,500.00
(c)	<b>Sub Total II</b>	
(d)	Ddt : .....% Discount	
(e)	<b>Sub Total III</b>	
(f)	Add: Provisional Sum	2,270,500.00
(g)	<b>Total amount for Bid</b>	
(h)	Add : 18% VAT	
(j)	<b>Total Amount with VAT</b>	

Total Sum carried to Form of bid in words Rupees (without VAT) .....

.....

Signature of the Contractor

Witness :-

Address

Address :-

Date

Date :-

**RE-LOCATION AND RENOVATION OF MAIN LABORATORY (CIVIL WORKS)**  
**GENERAL HOSPITAL (TEACHING) - PERADENIYA**

**PRELIMINARIES**

**Note:**

- 1 **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.**

<b>Mode of Payment</b>	<b>Category</b>
Reimbursement 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.	C
Paid on satisfactory completion of the item	D
In equal installments over the contract period.	E
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 governing 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.**

<b>Item</b>	<b>Description</b>	<b>Mode of payment Category</b>	<b>Unit</b>	<b>Amount Rs. Cts.</b>
<b>A</b>	<b><u>PRELIMINARIES</u></b> <b>Insurance &amp; Securities</b>			
A1	Provisional Sum for providing a Performance Security	A	P.S	29,000.00
A2	Provisional Sum for providing an Advance Payment Security	A	P.S	58,000.00

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	39,000.00
A4	Provisional Sum for insurance against accidents and injury to Contractor's personel as per the Contract. (Workmen Compensation)	A	P.S	19,500.00
<b>Contractor's Facilities</b>				
A5	Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, a <u>temporary site office</u> , 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.	C	Item	
<b>Quality, Standars and Progress</b>				
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	
<b>Health, Safety &amp; Environment</b>				
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.	E	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.	G	Item	
<b>Services &amp; Facilities</b>				
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	
<b>Sub Total carried to Grand Summary</b>				

**RE-LOCATION AND RENOVATION OF MAIN LABORATORY (CIVIL WORKS)**

**GENERAL HOSPITAL (TEACHING) - PERADENIYA**

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT
					(Rs)
	<p><b>Note:-</b>                      (a) Rates are included for cleaning away debris within the Hospital Premises unless stated otherwise. Reusable/serviceable material shall be handed over to the client in formal way and any place of fixing and removing scaffolding.                      (b) All preliminary cost work should be included within BOQ items.</p>				
<b>B</b>	<b><u>DEMOLISHER</u></b>				
B1	Demolishing & clearing tiled, glazed floor or wall. (including cement bedding)	m <sup>2</sup>	5		
B2	Removing & stacking pantry cupboards frame, sash, shelves, black boards from existing walls.	m <sup>2</sup>	35		
B3	Demolishing reinforced concrete stage/ ledge and debris cleared away.	m <sup>3</sup>	7		
B4	Chipping & clearing debris away from concrete concrete floor rendering/Terrazo.	m <sup>2</sup>	150		
B5	Demolishing bricks / Masonry block walls up to 112.5mm thick inclusive of plaster and any fixtures including debris cleared away.	m <sup>2</sup>	20		
B6	Removing & stacking Door or window sash size up to 4.0m <sup>2</sup> from existing frames.	m <sup>2</sup>	25		
B7	Removing & stacking door or window (sash with frame) size up to 4.0m <sup>2</sup> from existing walls.	nr	2		
B8	Carefully removing fan, window type a/c machines, damaged wirings, wash basin..etc.	p/s			25,000.00
B9	Clearing away debris from hospital premises using tractor/ trailer or tipper	load	5		
<b>Sub Total carried to Summary</b>					
<b>C</b>	<b><u>CONCRETER</u></b>				
	<i>Unless otherwise stated all concrete shall be of grade as per Specifications/Drawings.</i>	Note			
	<i>Rates for concrete shall include for forming construction joints, expansion joints or contraction joints as necessary.</i>	Note			
	<i>Concrete will be measured as the net area/volume, as shown on the drawings.</i>	Note			

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT
					(Rs)
	<p>Rate for concrete shall include for :</p> <p>supply, handling at site, mixing, depositing, compacting, vibrating, curing and making good after removal of formwork.</p> <p>preparation of surfaces, roughening/chipping to the approval of the Engineer.</p> <p>Reinforcement and Formwork paid separately unless specified in the Item.</p> <p>Rate shall include for necessary tests including cube tests as per the BS 1881 and SCA/4/1.</p> <p><b><u>Formwork</u></b></p> <p>Rate for formwork shall include for all necessary boarding, supports, erecting, framing, cutting angles, cleaning, apply approved foam oil, wetting before placing concrete, removal etc.</p> <p>Formwork is measured as the net contact surface measurement between formwork and concrete.</p> <p>Film coated Plywood or other equivalent quality approved type of shuttering should be used. Mould oil should be applied to formwork surfaces before using.</p> <p>Rate for form work shall include for all necessary measures to provide fair face finish.</p> <p><b><u>Reinforcement</u></b></p> <p>All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm<sup>2</sup> for High Yield steel and 250 N/mm<sup>2</sup> for mild steel.</p> <p>All reinforcement shall be free from mill scale, dirt, oil, paint, grease or loose rust before fixing in position and shall be brushed with a stiff wire brush as directed.</p> <p>All cement type to be Ordinary Portland Cement (OPC)</p> <p>Rate for reinforcement shall include for supplying, cleaning, cutting, bending, fabricating, binding, placing in position, binding wires, ties, supporting bars, spaces, chairs, wastage etc.</p>	Note			
C1	Mixing and placing concrete grade 20 in position, nominal mix 1:2:4 ( 20mm) manually including compacting and curing.	m <sup>3</sup>	5		
	<b><u>FORMWORK</u></b>				
C2	Sawn timber formwork in class III timber with bearers, joists and props including fixing and dismantling for the concrete ledge, steps etc.	m <sup>2</sup>	50		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT
					(Rs)
C3	<b><u>REINFORCEMENT</u></b>				
	Supplying and BS 4449 high Yield steel bars and laid in positing as reinforcement in beams, columns and staircase with binding wire.	Kg	75		
<b>Sub Total carried to Summary</b>					
D	<b><u>MASONRY WORKS</u></b>				
	D1 Brickwork in 1:5 cement sand mortar 112.5mm thick (Nominal) at ground floor level.	m <sup>2</sup>	85		
<b>Sub Total carried to Summary</b>					
E	<b><u>WALL FINISHES</u></b>				
	<i>Rate shall include to</i> <i>(a) Fair joints</i> <i>(b) Outlets, working over and around obstructions, pipes, and the like into recesses and shaped inserts.</i> <i>(c) Bonding agents where included with the work.</i> <i>(d) Patterned work is deemed to included all extra work involved.</i> <i>(e) Bedding mortars</i> <i>(f) Grouting</i> <i>(g) Working over and polishing</i> <i>(h) Plastic corner beadings</i> <i>(j) Supplying and Fixing</i> <i>Samples shall be forwarded by the contractor for prior approval of the Engineer.</i> <i>Rate to include for scaffolding.</i>	Note			
E1	16mm thick 1:5 cement and sand plastering to walls finished smooth with lime putty.	m <sup>2</sup>	160		
E2	16mm thick cement and sand 1:5 plaster finished semi-rough with wooden float.	m <sup>2</sup>	50		
E3	Supplying and fixing 300mm x 600mm locally manufactured Homogeneous Porcelain rustic wall tiles to walls including 12mm thick 1:3 cement sand bedding and finished with tile grout to match the tile with skirting.	m <sup>2</sup>	60		
<b>Sub Total carried to Summary</b>					

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT
					(Rs)
<b>F</b>	<b><u>FLOOR FINISHES</u></b>				
F1	Floor rendering with 1:3 cement and sand, normal cement floated surface with expansion joints filled with 1:2 bitumen sand.( Rate including for curing)	m <sup>2</sup>	25		
F2	Supplying and fixing locally manufactured 600mm x600mm locally manufactured Homogeneous Vitreous Porcelain semi glazed/matt floor tiles to floors including 20mm thick 1:3 cement sand bedding and finished with tile grout to match the tile.	m <sup>2</sup>	200		
<b>Sub Total carried to Summary</b>					
<b>G</b>	<b><u>PAINTER</u></b>				
	<i>Rates shall include for,</i>				
	<i>The prices shall include for preparation of surface, cleaning down, use of wall fillers and primary paint coats to obtain neat surface., sand papering etc.</i>	Note			
	<i>Protection of floors and fittings, removing door and window furniture, and cleaning window etc. upon completion.</i>	Note			
	<i>Reveal, Column Projections, undersides of lintels and wall ends less than 300mm shall not be measured and shall be incorporated in other measurements. Isolated columns shall be measured for payments.</i>	Note			
	<i>All weathershield/ floor paints, primer shall be of approved make with non lead pigment.</i>	Note			
	<i>Rate to include for the cost for the scaffoldings.</i>	Note			
G1	Prepare and applying two coats of filler using brush or roller to walls.	m <sup>2</sup>	1300		
G2	Paint filler applying two coat to ceilings or soffit after cleaning and preparing surface.	m <sup>2</sup>	550		
G3	Paint exterior emulsion, applying two coats to walls after cleaning and preparing on surfaces .	m <sup>2</sup>	1100		
G4	Paint exterior emulsion, applying two coats to ceiling or soffit after cleaning and preparing on surfaces .	m <sup>2</sup>	550		
G5	Paint emulsion, applying two coats after cleaning and preparing surface	m <sup>2</sup>	200		
G6	Paint enamel, applying two coats after cleaning and preparing surface .	m <sup>2</sup>	350		
G7	Polyurethane varnish, applying two coats after sand papering and cleaning surface .	m <sup>2</sup>	30		
<b>Sub Total carried to Summary</b>					



ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT
					(Rs)
<b>H</b>	<b><u>PLUMBER</u></b> <b><u>Sanitary Fittings &amp; Fixtures</u></b> <i>Supply and installation of approved quality sanitary appliances with pipe specials, fittings, and special connecting to water supply, sewage and wastewater disposal pipes.</i>  <b><i>Unless otherwise measured separately, Rates shall include for:</i></b>  <i>(a) Fittings such as taps, wastewater outlets, internal overflows etc. and supporting brackets, incidental materials for fixing.</i>  <i>(b) Assembling, jointing together fixing components parts, and jointing to pipes including necessary coupling and for leaving perfectly clean and in perfect working order as on completion.</i>  <i>(c) all necessary fixtures for sanitary fittings and special connection to water supply, wastewater and sewer lines</i>  <i>(d) Jointing and connection pipes to sanitary fittings.</i>  <i>(e) Testing and commissioning of the installation.</i>  <i>(f) Making good the work disturbed.</i>  <i>(g) Protecting the works</i>  <i>(h) All Samples should be approved by the Engineer</i>	Note			
H1	Supplying and fixing approved corner wash basin ceramic with 20mm(1/2") dia. chromium plated pillar tap, waste plug, chain and stay.	nr	1		
H2	Supplying & fixing mirror for bathroom 450mm x 600mm size approved quality with screws, plugs etc.	nr	4		
H3	Supplying & fixing Wash basin with pedestal Vitreous China 575 X 450 X 820mm ( Rocell urban D or equivalent) and Chromium Plated Sawn neck Type Pillar Tap (Rocell N091214 or equivalent) complete with Waste Plug (Rocell A38, A43 or equivalent), chromium plated waste chain & stay	nr	1		
H4	Supply and installation of stainless steel wired Soap dish . Rate shall include all fixtures.	nr	1		
H5	Supply & fixing approved Closet with working order in white vitreous china, syphonic system, hinged acrylic soft closing seat and lid including 20mm(1/2")dia. chromium plated angle valve and chromium plated flexible hose. Rate to include for necessary fixtures and special connection to water supply line and sewer lines.	nr	1		
H6	Supplying & fixing 20mm(1/2") dia. bidet spray approved best quality. (chromiumplated)	nr	1		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT
					(Rs)
H7	Supplying and fixing 20mm(1/2") dia. Approved, heavy quality chromium plated bib tap with 20mm(1/2") dia. P.V.C. Faucet Socket . (Rocell SD9A126 or equivalent)	nr	1		
H8	Supplying & fixing 20mm(1/2") pipe dia.,150mm approved chromium plated shower rose.	nr	1		
H9	Supplying & fixing 20mm(1/2") pipe dia., approved chromium plated telephone shower with wall bracket.	nr	1		
H10	Supplying & fixing approved stainless steel Towel rail with screws, plugs etc.	nr	1		
H11	Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy quality chromiumplated Angle Valve with 20mm(1/2") dia. P.V.C. Faucet Socket	nr	5		
H12	Stainless steel floor trap cover. Approx. 150x150mm size, (European or Equivalent Quality)	nr	1		
H13	Supplying & fixing approved ceramic sink 600mm x 375mm x 175mm overall size and chromium plated swan neck type pillar tap complete with waste plug, chromium plated waste chain & stay.	nr	6		
H14	Supplying & fixing approved (by engineer & hospital authority) stainless steel Laboratory sink 800mm x 500mm x 200mm overall size and chromium plated long lever (hand free) type tap complete with waste plug, chromium plated waste chain & stay. (Rate for 12 nos)	p/s			1,000,000.00
<b><u>Water Suply System</u></b>					
<i>All Type 1000 (uPVC) pipes used in the plumbing installation must conform in every respect to the requirements of the SLS 147 of 1993 or BS 4514.</i>		Note			
<i>All uPVC fittings and specials should be Type 1000, unless otherwise specified, with joints of approved quality and conforming to Sri Lankan Standards used in the plumbing installation.</i>		Note			
<b>Unless otherwise measured separately, rates shall include for:</b>		Note			
<i>(a) Supply, transport to site and laying as specified.</i>					
<i>(b) Cutting and joining of pipes and wastage of pipes.</i>					
<i>(c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar necessary pipe fittings. (Valves may be measured seperately)</i>					
<i>(d) Necessary jointing materials i.e rubber rings, solvent cement etc, specified fillings for pipe beddings etc.</i>					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
				(Rs)	(Rs)
	<p>(e) All costs associated with provision of all holes (cutting or forming), mortises, openings, Chasing of brick, cement block or concrete walls, columns, beams etc. and necessary hangers and clips, for fixing to soffits, wall surfaces etc. and making good all works disturbed.</p> <p>(f) Necessary screws, nails, sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, s-traps.</p> <p>(g) Connecting different types of pipes.</p> <p>(h) Testing, commissioning and disinfection after completion.</p> <p>(i) Excavation, backfilling, disposal of surplus soil.</p>				
H15	Supplying and laying Pipes PVC with specials, size 20mm dia. type 1000 (PNT 14) on wall	m	150		
H16	Supplying and laying Pipes PVC with specials, size 25mm dia. type 1000 (PNT 11) on wall	m	75		
H17	Supplying and laying Pipes PVC with specials, size 50mm dia. in wastes of sinks. Type 600.(PNT 7)	m	100		
	<b><u>Waste Water and Sewerage Disposal System</u></b>				
	All Type 600 unplasticized polyvinyl chloride (uPVC) pipes used in the plumbing installation must conform in every respect to the requirements of the SLS 147 of 1993 or BS	Note			
	<b>Unless otherwise measured separately, Rates shall include for:</b>	Note			
	(a) Laying of pipes to falls.				
	(b) Excavation, backfilling, disposal of surplus soil.				
	(c) All pipe specials such as bends, junctions, elbows, tees, end caps etc. unless separately given in the BOQ.				
	(d) Necessary jointing materials i.e rubber rings, solvent cement etc, specified fillings for pipe beddings etc.				
	(e) All costs associated with provision of all holes (cutting or forming), mortises, openings, Chasing of brick, cement block or concrete walls, columns, beams etc. and necessary hangers				
	(f) Necessary screws, nails, sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps.				
	(g) Connecting different types of pipes.				
	(h) Connection to sides of manholes etc.				
	(i) Providing sleeves etc., when pipes pass through walls, foundations etc.				
	(j) Testing and commissioning of the installation.				
	(k) Protecting the works, all necessary hoardings, barricades.				

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT
					(Rs)
H18	Supplying and fixing of pvc 110mm diameter (type 400) with pvc brackets, Rawl Plug	m	75		
H19	Supplying and fixing elbow pvc 110mm.	nr	10		
H20	Allow for supply and fixing valves, cleaning Eye,Elbow,Tees, Bends and unforeseen Work	P.S			100,000.00
<b>Sub Total carried to Summary</b>					
<b>I</b>	<p><b><u>ALUMINIUM WORK</u></b></p> <p><i>Aluminium extrusion should be manufactured under the certification of ISO 9001:2008</i></p> <p><i>The work shall include supply, fabricate and installation of doors, windows out of Aluminium Sections.</i></p> <p><i>Tolerance for thickness of the section is <math>\pm 10\%</math> from the specific thickness given in the manufactures made.</i></p> <p><i>Concealed screws, nuts, bolts, rivets and other fastening devices shall be of Aluminium, non magnetic stainless steel or other approved corrosive resistant materials. If visible, they shall blend with the finish of the framing Aluminium Sections.</i></p> <p><i>For each fabrications, a shop drawing shall be furnished to the Engineer, One month prior to the installation commencement and should get the approval for the same.</i></p> <p><i>Samples of hinges , Aluminium sections, Al composite boards etc shall be forwarded by the contractor for prior approval of the Engineer.</i></p> <p><i>The fabrication and installation of all aluminium work must be carried out by specialist tradesman.</i></p> <p><i>It shall be bidder's responsibility to check the sizes of all openings on site, prior to fabrication.</i></p> <p><i>Supply, assemble and fix in position aluminium framed glazed aluminium sash door, window, fanlight, partition units complete with sealant glazing screwed beadings, locks, fasteners, gasket, hardware and fittings all complete as per detail drawing.</i></p> <p><i>Rate shall include for testing for Hardness, profile thickness, coating thickness of Aluminium extrusions</i></p> <p><i>Details of Aluminium Sections and accessories to be used if not specified separately.</i></p> <p><b>for Sash</b>  Doors - Width of Top bar-80mm  Width of Middle bar-100mm  Width of Bottom bar-120mm</p> <p><b>Glass</b>  <b>Doors</b> - 6mm thick clear float glasses Gardian or equivalent</p>				

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT
					(Rs)
	<p><b>Lock</b> (if not separately specified) -Door lock with triplicate keys ( Mortice type) Alpha or equivalent.</p> <p><b>Hinges</b> - 04 nos Stainless Steel (304) (Kinglong) hinges to be provided for a door sash if not separately specified</p>				
I1	76 x 1.2mm thick <b>powder coated aluminium partition</b> frame, <b>panelled two portions</b> , top portion is panelled with aluminium composite panel of total thickness 4mm, with both sides Polyester coated aluminium sheets of 0.2mm thick, and bottom portion is panelled with aluminium composite panel of total thickness 4mm with 2 nos.of Polyester coated aluminium sheets of 0.2mm thick composite, completed with board joints taped with necessary pop rivots, gasket & etc. and work complete in order	m <sup>2</sup>	50		
I2	Fabricating and fixing <b>Powder-coated aluminium partition</b> with aluminium architectural sections with 60 - 80 micron coating, <b>glazed and panelled</b> with 4 mm cladding board, at the bottom and 4.6mm thick glass at the top.	m <sup>2</sup>	230		
I3	Fabricating and fixing <b>Powder-coated aluminium hinged type sash door</b> with aluminium architectural sections with 60-80 micron coating glazed and panelled with 4mm cladding board including door lock, etc.	m <sup>2</sup>	25		
I4	Fabricating and fixing <b>Powder coated aluminium glazed sliding type door</b> sash 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, including door lock.	m <sup>2</sup>	12		
I5	Supply all material, fabricate & fixing of <b>fully paneled door</b> (for toilets). Using Natural coloured Anodized 25mm X 75mm Box Bars Sections, "U" Bars & Paneling with 4mm thick both side coated Aluminium Composite Boards. Rate include of fixing of indicator type keyless door lock.	m <sup>2</sup>	6		
I6	<b>Powder Coated double sash butt hinged openable door</b> with middlerail, panelling with aluminium composite panel of total thickness 4mm, with both sides Polyester coated aluminium sheets of 0.2mm thick and glazed with 5mm thick clear glass panes at top panel, neoprene and wooled beading, gaskets, pop rivots, threaded barwith nut and approved quality lock,butt hinges, door handle with capnut.	m <sup>2</sup>	16		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT
					(Rs)
I7	Supplying & fixing surface mounted door closer of "Union Brand" & approved equivalent.	nr	12		
I8	Supplying and fixing of 300mm, 25mm dia lightly bent type stainless steel (304) door handle.	pair	12		
I9	Supplying, fabricating and Fixing of <b>Under Ledge powder coated aluminium Pantry Cupboard</b> having breadth of 600mm using 1 1/2' x 1' powder coated aluminium box bar frame work panelling with 3mm thick double side white color Composite board and swing type sashes made out of powder coated aluminium 1' x 1' CNT bar frame work panelling with 3mm thick double side white color Composite board. Intermediate shelves and shelf dividers should be made of 3mm thick double side white color 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.	m <sup>2</sup>	40		
I10	Supply, fabricate and fixing <b>Powder Coated Aluminium Wall Cupboard</b> having breadth of 750mm using 1 1/2' x 1' powder coated aluminium box bar frame work panelling with 3mm thick double side white color Composite board and swing type sashes made out of powder coated aluminium 1' x 1' CNT bar frame work panelling with 3mm thick double side white color Composite board. Intermediate shelves and shelf dividers should be made of 3mm thick double side white color 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.	m <sup>2</sup>	10		
I11	Supply, fabricate and fixing of <b>powder coated aluminium wall rack</b> having breadth of 450mm using 50mm x 25mm powder coated aluminium box bar frame work panelling with 4mm thick Composite board. Intermediate shelves 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 fixing arrangement and other accessories.	m <sup>2</sup>	8		
<b>Sub Total carried to Summary</b>					
J	<b><u>MISCELLANEOUS WORKS</u></b>				
J1	Supplying and fixing plywood door sash approved quality including of oxidized heavy duty furniture etc.	m <sup>2</sup>	7		
J2	Supplying & fixing single hung mortise type door lock approved by engineer.	nr	5		

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT
					(Rs)
J3	Supplying & fixing window 28mm thick new sash glazed or paneled class 1 or above timber.	m <sup>2</sup>	4		
J4	Supplying & fixing oxidized iron barrel bolts 100mm with iron screws.	nr	10		
J5	Supplying & fixing of Guage 100 Microns sand blasting sticker or tinted stickers including surface preparation as per working order.	m <sup>2</sup>	100		
J6	Supplying & Fixing heavy duty aluminium mesh. Rate Include for 25mm x 25 mm powder coated aluminum box bar frame,M bars, rubber beadings & other accessories in working order.	m <sup>2</sup>	50		
J7	Allow for preparing drain at entrance area, supplying & fixing reception table with storage cupboards, fixing bell, repairing damaged timber window/door frame, beadings & sash, sealing windows, replacing commad cover, removing & refixing s/s wall cupboard, supplying & fixing chromium plated long lever (hand free) type tap, preparing patients waiting area, Landscaping & other unforeseen works.	P/S			1,000,000.00
<b>Sub Total carried to Summary</b>					