

**CEYLON PETROLEUM STORAGE  
TERMINALS LIMITED**

**BIDDING DOCUMENT**

FOR

**PROPOSED RENOVATION FOR EXISTING  
SEWERAGE SYSTEM IN ZONE 09 AT CPSTL  
OIL INSTALLATION, KOLONNAWA**

**KPR/18/2023**

**Employer:**

Chairman,  
Ceylon Petroleum Storage Terminals Limited,  
Oil Installation, Kolonnawa.

**Engineer:**

Manager,  
Premises and Engineering Services Function,  
Ceylon Petroleum Storage Terminals Limited,  
Oil Installation, Kolonnawa.

Issued to:.....

Issued by:.....

Date:.....

**January 2023**

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## **VOLUME - 01**

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# **SECTION 01**

## **INSTRUCTIONS TO BIDDERS**

## **INSTRUCTIONS TO BIDDERS**

Instructions to Bidders applicable to this contract are that given in Section-I of the Standard Bidding Document for Procurement of Works. CIDA Publication No.ICTAD/SBD/03, Second Edition ,January 2007, published by the Construction Industry Development Authority (CIDA), “Savsiripaya”, 123, Wijerama Mawatha, Colombo 07.

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

Instructions to Bidders shall be read in conjunction with the “schedule” provided under section-5 of the Bidding Document (Volume 2)

Instructions to Bidders will not be a part of the contract.

## **SECTION 02**

### **STANDARD FORMS**

- Form of Bid Security
- Form of Agreement
- Form of Performance Guarantee
- Form of Guarantee for Mobilization Advance Payment

## FORM OF BID SECURITY

*[this Guarantee form shall be filled in accordance with the instructions indicated in brackets]*

----- *[insert issuing agency's name, and address of issuing branch or office]*

**Beneficiary:** Chairman and Managing Director,  
Ceylon Petroleum Storage Terminals Limited,  
Oil Installation, Kolonnawa.

**Date:** ----- *[insert (by issuing agency) date]*

**BID GUARANTEE No.:** ----- *[insert (by issuing agency) number]*

We have been informed that -----  
- *[insert (by issuing agency) name of the Bidder]* (hereinafter called "the Bidder") has submitted to you its bid dated ----- *[insert (by issuing agency) date]* (hereinafter called "the Bid") for the ----- of *[insert name of Contract]* under Invitation for Bids No. ----- *[insert IFB number]* ("the IFB").

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.

At the request of the Bidder, we ----- *[insert name of issuing agency]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- *[insert amount in figures]* ----- *[insert amount in words]* upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon the earlier of (i) the successful bidder furnishing the performance security, otherwise it will remain in force up to ----- *(insert date)*

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date.

-----  
*[signature(s) of authorized representative(s)]*

## FORM OF AGREEMENT

This AGREEMENT made the ..... (day) .....  
 (month) ..... (year) between .....  
 .....  
 ..... (name and address of the employer)  
 (hereinafter called and referred to as the “Employer”) of the one part, and  
 .....  
 ..... (name and address of the contractor) (hereinafter called and  
 referred to as “the Contractor”), of the other part:

WHEREAS the Employer desires that the Contractor execute  
..... *(name & identification number of Contract)* (hereinafter called and referred to as “the Works”) and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and remedying of any defects therein.

**The Employer and the Contractor agree as follows:**

1. In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract hereinafter referred to.
2. In consideration of the payments to be made by the Employer to the Contractor as indicated in this agreement, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execute and complete the Works and remedy any defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

**In Witness** whereof the parties hereto have caused this agreement to be executed the day and year aforementioned, in accordance with laws of Sri Lanka.

.....  
Authorized signature of Contractor

.....  
Authorized signature of Employer

COMMON SEAL

COMMON SEAL

In the presence of:

Witnesses:

1. Name and NIC No. : .....  
Signature: .....  
Address: .....  
.....
2. Name and NIC No. : .....  
Signature: .....  
Address: .....  
.....



## FORM OF PERFORMANCE SECURITY (UNCONDITIONAL)

.....  
(Issuing Agency's Name and Address of Issuing Branch or Office)

**Beneficiary:** .....  
[ Name and Address of employer]

**Date:** .....

**PERFORMANCE GUARANTEE NO. :** .....

We have been informed that .....  
..... (Name of Contractor)  
(hereinafter called "the Contractor") has entered into Contract No. ....  
..... (Reference No. of the Contract) dated  
..... With you, for the  
..... [ name of the contract and brief description of  
works](Hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we .....  
..... (name of the agency)  
hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount  
of ..... (amount in figures) .....  
..... (amount in words) upon receipt  
by us of your first demand in writing accompanied by a written statement stating that the  
Contractor is in breach of its obligation(s) under the Contract, without your needing to prove  
or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the ..... day of ..... 20.....  
(insert 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

.....  
*(Issuing Agency's Name and Address of Issuing Branch or Office)*

**Beneficiary:**.....[ Name and Address of employer]

**Date:** .....

**ADVANCE PAYMENT GUARANTEE NO. :** .....

We have been informed that .....  
 ..... *(Name of Contractor)*  
 (hereinafter called "the Contractor") has entered into Contract No.  
 ..... (Reference No. of the Contract) dated  
 ..... With you, for the .....  
 [name of contract & brief description](hereinafter called "the Contract").Furthermore, we  
 understand that, according to the conditions of the Contract, an advance payment in the  
 sum..... *(amount in figures)*.....  
 .....  
 ..... *(amount in words)* to be made against an advance payment guarantee.

At the request of the Contractor, we .....  
 ..... *(name of the agency)*  
 hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount  
 of ..... *(amount in figures)* .....  
 .....  
*(amount in words)* upon receipt by us of your first demand in writing accompanied by a  
 written statement stating that the Contractor is in breach of its obligation in repayment of the  
 advance payment under the Contract.

The maximum amount of this guarantee shall be progressively reduced by the amount of the  
 advance payment repaid by the Contractor.

This guarantee shall expire on ..... *(Insert date, 28 days  
 beyond the expected expiration Date of the contract)*

Consequently, any demand for payment under this guarantee must be received by us at this  
 office on or before that date.

.....  
 Signature(s)

# **SECTION 03**

## **CONDITIONS OF CONTRACT**

## **CONDITIONS OF CONTRACT**

Conditions of Contract that will be applicable for this Contract is that given in section- 3 of the Standard Bidding Document for Procurement of Works. CIDA Publication No. ICTAD/SBD/03, Second Edition, January 2007, published by the Construction Industry Development Authority (CIDA).

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

Conditions of Contract shall be read in conjunction with Schedule provided under Section-5 of the Bidding Document (Volume 2).

## **VOLUME - 02**

	<b>INVITATION FOR BIDS</b>
<b>SECTION 04 :</b>	<b>FORM OF BID AND QUALIFICATION INFORMATION</b>
<b>SECTION 05 :</b>	<b>SCHEDULE</b>
<b>SECTION 06 :</b>	<b>SPECIFICATIONS</b>
<b>SECTION 07 :</b>	<b>BILL OF QUANTITIES AND DAY WORK SCHEDULES</b>
<b>SECTION 08 :</b>	<b>DRAWINGS</b>
	<b>CHECK LIST FOR BIDDERS</b>

## INVITATION FOR BIDS (IFB)

### CEYLON PETROLEUM STORAGE TERMINALS LIMITED

#### PROPOSED RENOVATION FOR EXISTING SEWERAGE SYSTEM IN ZONE 09 AT CPSTL OIL INSTALLATION, KOLONNAWA.

**CONTRACT NO: KPR/18/2023**

The Chairman, Departmental Procurement Committee, on behalf of the **Chairman, Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa** now invites sealed bids from eligible and qualified bidders for **Proposed renovation for existing sewerage system in zone 09 at CPSTL Oil installation , Kolonnawa** as described below.

CPSTL has decided to renovate sewerage system in zone 09.

The proposed work includes renovation for existing sewerage system in zone 09 at CPSTL Oil installation , Kolonnawa as specified in bill of quantities and as directed by Engineer. The period of contract shall be 90 calendar days.

1. Bidding will be conducted through National Competitive Bidding Procedure.
2. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the following requirements

#### **ICTAD (CIDA) Registration required**

**Specialty:** Water Supply and Sewerage works  
**Grade:** C7 / C8 /C9

3. Qualification requirements to qualify for contract award include:
  - a) Average annual volume of construction work performed in last five years shall be at least Rs. 27.0 million.
  - b) Required amount of Credit Facilities shall be at least Rs. 5.0 million specifically for the project
  - c) Schedule of Key Personnel
    - i) 01 Technical Officer - NDT (civil) with two years or equivalent experience in similar works.
4. Interested parties may refer the bidding documents (**only for viewing purpose**) and obtain necessary information through the website [www.cpstl.lk](http://www.cpstl.lk) and inspect the bidding documents at the address given below from 0900hrs to 1400 hrs of working days
5. A complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to **The Manager (Procurement), Procurement Function, Ceylon Petroleum Storage Terminals Limited, 1<sup>st</sup> floor, New Administration Building, Oil Installation, Kolonnawa** from **15.05.2023 until 29.05.2023** from 0900 hrs to 1400 hrs of working days on production of receipt supporting payment of non-refundable Tender fee of **Rs 1,500.00**.

6. Bids shall be submitted on the bidding document obtainable from Procurement Function and duly filled bidding documents may be sent by post/courier under registered cover or sealed cover **to reach** the Chairman, Department Procurement Committee, C/o Manager Procurement, Ceylon Petroleum Storage Terminals Limited, Procurement Function, 01<sup>st</sup> Floor, New Building, Oil Installation, Kolonnawa, Wellampitiya or could be deposited in the tender box kept at the main entrance of CPSTL, on or before **1400 hrs. on 30.05.2023.**

In case the bidders are unable to submit the original bids as above, they could submit the scanned copy of the duly filled bidding documents in PDF format via email to [tenders@cpstl.lk](mailto:tenders@cpstl.lk) **to reach** on or before **1400 hrs. on 30.05.2023**, subject to following conditions.

1. Submission of the bid via email is at own discretion of the bidder.
  2. The title and the closing date of the tender shall be indicated as the subject of the email.
  3. Size of an email (with attachment) shall be limited to the maximum of 20 MB. In case the size of an attachment exceeds 20 MB, the bidder is requested to split the attachments and send as separate emails (i.e. 01 of 03, 02 of 03 etc.).
  4. Do not CC/BCC to any other official/personal email IDs of CPSTL staff. Bids sent to Any other email IDs is strictly not entertained.
  5. However, the original bid shall be sent to CPSTL prior to finalize the technical evaluation.
7. Bids shall be valid up to **01.08.2023.**
8. All bids shall be accompanied by an acceptable Bid Security of **Rs. 33,000.00** in the form of bank draft or a Bank Guarantee from a Commercial bank in sri lanka with the authority of a License issued by the Monetary Board (Central bank) of sri lanka.

Bid Security shall be valid up to **29.08.2023.**

9. Once awarded, successful bidder shall arrange himself the necessary entry passes from CPSTL for his staff equipment and materials.

**Chairman,  
Departmental Procurement Committee,  
C/O Manager Procurement,  
Procurement function,  
Ceylon Petroleum Storage Terminals Limited,  
Kolonnawa Oil Instalation.  
Wellampitiya.**

**Telephone: +94 11 2572156, +94 11 5750764**

**Fax : +9411 2572155**

**Email : [procure@cpstl.lk](mailto:procure@cpstl.lk)**

**SECTION 04**  
**FORM OF BID AND QUALIFICATION**  
**INFORMATION**



**FORM OF BID**

**Name of Contract:** *Proposed renovation for existing sewerage system in zone 09 at CPSTL Oil installation, Kolonnawa.*

**To: Chairman,  
Departmental Procurement Committee,  
C/O Manager Procurement,  
Ceylon Petroleum Storage Terminals Limited,  
Procurement Function, new Building,  
Oil Installation, Kolonnawa,  
Wellampitya.**

Gentlemen,

1. Having examined the Conditions of Contract given in the Standard Bidding Document-Procurement of Works [(ICTAD/SBD/03-Second Edition January 2007] Schedule, Specifications, Drawings and Bill of Quantities and Addenda for the execution of the above named Works, we/I the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the said Conditions of Contract, Specifications, Drawings and Bill of Quantities and Addenda for the sum of Sri Lanka Rupees .....(SL Rs. ....) or such other sums as may be ascertained in accordance with the said Conditions.
2. We/I acknowledge that the Bidding Data form part of our Bid.
3. We/I undertake, if our Bid is accepted, to commence the work as stipulated in the Contract data and complete the whole of the Works comprised in the contract within the time stated in the Contract data.
4. We/I agree to abide by this Bid for the period stated in the Sub-Clause 15 of Instruction to Bidders 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/I understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this.....day of.....20... in the capacity of .....duly authorized to sign tenders for and on behalf of.....

(IN BLOCK CAPITALS)

Signature : .....  
Name : .....  
Designation : .....  
Address : .....

Witness : 1. .... 2. ....  
(Name & Signature)  
Address : .....  
.....

## Qualification Information

*(To be completed and submitted by the bidder, with the Bid)*

	Eligibility Requirement	Bidder's Qualification	
<b>CIDA Registration</b>			
Registration number	<i>(attach copies of relevant pages from the registration book)</i>		
Grade	<b>C7 / C8 / C9</b>		
Specialty	<b>Water Supply and Sewerage</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			
IF yes provide details			
<b>VAT Registration Number</b>			
<b>Construction Program</b>	<i>( attach as annex)</i>		
<b>Legal status</b>	<i>(attach relevant status copies, as annex)</i>		
<b>Audited financial statements at least for the period of past 2 years</b>	<i>(attach relevant report copies, as annex)</i>		
<b>Value of similar works completed in last 5 years (indicate only the three largest projects)</b>	1. Value                      Year ..... 2. Value                      Year ..... 3. Value                      Year ..... <i>(attach copies of Certificate of Completion etc., as annex)</i>		
	<b>Eligibility requirement</b>	<b>Bidders qualification</b>	
<b>Qualification and experience of Key staff</b>	Category Experience and Qualifications	Required Nos.	Proposed by bidder (Name, experience and Qualifications)
	1).Technical officer – NDT (Civil)	01	
	2		
<b>Major items of construction equipment proposed</b>	1. Type Capacity ..... 2. Type Capacity ..... 3. Type Capacity ..... 4. Type Capacity ..... 5. Type Capacity .....		
<b>Other information requested under ITB Clause 4.1</b>	Detailed Method Statement		

**Signature of the Bidder:**.....

## **SECTION 05**

## **SCHEDULE**

**Schedule**

<b>ITB Clause</b>	<b>Conditions of Contract Clause</b>	<b>Item</b>	<b>Data</b>
1.	1.1.8	Employer is :	Name : <b>Chairman</b> Address : <b>Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya.</b>
	1.1.10	Engineer is :	Name : <b>Manager( P&amp; ES)</b> Address : <b>Premises &amp; Engineering Services Function, Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya.</b>
1&13	1.1.21	Summary of Works	The proposed work includes. renovation for existing sewerage system in (zone 09) at CPSTL Oil installation , Kolonnawa as specified in bill of quantities and as directed by Engineer  Location:CPSTL,Oil installation. Contract Name : Proposed renovation for sewerage system in zone 09 at CPSTL Oil installation ,Kolonnawa.
1.	1.1.14	Intended Completion Date	Intended Completion Date is <b>90 calendar days</b> from the start date.
2.		Source of Fund	The source of funds is Ceylon Petroleum Storage Terminals Limited
3.		Eligibility	The Requirement is <b>CIDA registration</b> <b>Specialty:Water supply and Sewerage</b> <b>Grade:C7 /C8 /C9</b>
12.		Documents of the Bid	<b>Documents to be submitted with Bids</b> The bidders are required to submit the following documents and information along with the bid. This information will be critical for the evaluation of the bid submitted. Lack of submission of all the requested information shall be a reason for disqualification and finally for rejection of the bid.

**(a) Proposed Work Programme**

The bidder is required to submit a detailed proposed scope of work that the bidder intend to perform under each category based on the details given under the Section 6 - “Contractor’s Scope of Supply” and “Contractor’s Scope of Work and Specifications”. Also a bar chart for the total project clearly indicating the various phases of the contract including testing and Commissioning, breakdown of manpower and equipment and organization chart for the staff allocated for this contract. The bidder is deemed to be an expert in this field and shall include all the activities necessary to be a complete proposal.

**(b) Relevant Experience**

Proof of experience of the bidder carried /carrying out similar works shall be submitted. The information submitted shall include the client’s names, contract name, telephone numbers, fax numbers, year of completion, scope of work carried out with relevant codes and standards, contract value and any other relevant information. Bidder shall have successfully completed at least 03 similar projects during last 05 years.

**(c) Financial Performance**

Provide audited financial statements of the bidder at least for last 02 years.

**(d) Schedule of Key Personnel**

Bidder shall submit a schedule of Key Personnel consist the site staff. A technical officer NDT (civil) with 2 years’ experience or equivalent shall supervise the site.

13.	10.10	Price Adjustment	The Contract is not subject to price adjustment.
16.		Bid Security	<p>The amount of Bid Security to the value of <b>Rs. 33,000.00 (Rupees Thirty Three thousand)</b> of the tender amount</p> <p>The Bid Guarantee should be in one of the following forms</p> <ol style="list-style-type: none"> <li>A receipt for cash deposit paid to the Accountant, Ceylon Petroleum Storage Terminals Limited, 1<sup>st</sup> Floor, New Administration Building, Oil Installation, Kolonnawa in favor of the name of the Chairman, Ceylon Petroleum Storage Terminals Limited.</li> <li>A guarantee from a commercial bank approved by the Central Bank of Sri Lanka operating in Sri Lanka.</li> </ol> <p>The format of the Bid Security (unconditional guarantee) included in Section 2, Standard Forms.</p> <p>The validity of Bid Security shall be till <b>29.08.2023</b></p>

31.	4.4	Performance Security	Amount of Performance Security required is <b>5 %</b> of the Initial Contract Price. The form acceptable for the Performance Security (unconditional) included in Section 2, Standard Forms. The Performance Security shall be valid and kept alive for 28 days after the end of the Defects Liability/ Maintenance period of the total project
	6.4	Late Completion	The amount to be paid is Rs. 0.05% of Initial Contract Price per Day, subjected to maximum of <b>10 %</b> of Initial Contract Price.
	8.1	Notification of Defects	The period for Defect Notification is <b>180 days</b> from Taking Over.
	10.3	Retention	The amount of retention is 10% of certified work done. The maximum amount of retention is 5% of Initial Contract Price.
	10.12	Advance Payment	Amount of advance payment shall be <b>20%</b> of initial contract price (less provisional sums and contingencies). Upon the payment of the advance payment in full the Employer shall return the original of the advance payment guarantee to the Contractor. No advance payment will be made in respect of constructional plant.
	13.1(c)	Insurance, third party	Minimum amount for third party insurance is Rs. 3,000,000.00
33.	13.1	Insurance for contractor's Personal	Minimum amount for Insurance for Contractor's Personnel is Rs. 2,000,000.00
	1.1.11	Adjudicator	The Adjudicator proposed by Employer is the Construction Industry Development Authority (CIDA).
	14.0	Resolution of Disputes	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. 50% by the Employer and 50% by the Contractor
		Minimum amount of Interim Certificates	Rs . 1,000,000/=

# **SECTION 06**

# **SPECIFICATIONS**

## SPECIFICATIONS

The works under this contract shall be executed in accordance with the Specifications given in the following documents issued by the Construction Industry Development Authority (CIDA), “Savsiripaya”, 123, Wijerama Mawatha, Colombo 7.

Publication No.	Description
SCA/4/I	Specifications for Building Works (Vol. I) Third Revision, July 2004
SCA/4/II	Specifications for Building Works (Vol. II) Second Revision, Oct 2001
SCA/8	Specification for Electrical and Mechanical Works associated with Building and Civil Engineering, Sri Lanka, Second Edition, August 2000

It is implied that the eligible Bidders are fully acquainted with the above Documents and therefore, those will not be issued to the Bidders under This Tender.

However Bidders may purchase the same if necessary, from CIDA, “Savsiripaya”, 123, Wijerama Mawatha, Colombo 7.



# **SECTION 07**

## **BILL OF QUANTITIES**

## PREAMBLE TO THE BILL OF QUANTITIES

### GENERAL

1. This Bill of Quantities contains pages numbered from 32 to 38 Bidders are requested to see that no page is missing, no duplicated and that all TRADES are carried to **SUMMARY** at the end of the Bill of Quantities.
2. The Conditions of Contract, Schedule, the Specifications and the Drawings are to be read in conjunction with the Bill of Quantities.
3. The cost of complying with all conditions, obligations and liabilities described in the Conditions of Contract, Specifications and the Bill of Quantities including all overhead charges and profit in carrying out the work as shown in the Drawings shall be deemed to be spread over and included in the prices of sums stated by the Bidder in the Bill of Quantities unless separately measured.
4. If the Bidder fails to price any items in the Bill of Quantities then the cost of the work under such items shall be held to be spread over and included in the prices given against other items of work.
5. The quantities set out in the Bill of Quantities are provisional and cover the approximate scope of the work anticipated to be performed by the Contractor. The actual quantities used for final measurement purposes will be determined by the Engineer by measurement of the work completed by the Contractor.
6. Where trade names, brands and or Catalogue Numbers are referred to, sole preference to any material or equipment is not intended. Any other material or equipment may be used, provided that the characteristics of type, quality, appearance, finish, method of construction and / or performance is superior to the specified.
7. Whenever the method of measurement is not clear from the documents available, the principles as given in the Sri Lanka Standard 573, 1999 [Revision] Method of Measurement of Building Works shall be applicable.
8. Selected bidder shall comply with the arrangement of work in the buildings and be ready to work part by part as required by the Authorities of **the Employer**.
9. The unit and lump sum prices of the Bill of Quantities (referred to as the Contract Rates) shall, except in so far as is otherwise provided for under the Contract, be deemed to cover all obligations set out in the Contract, and all matters or things necessary for the proper completion and maintenance of the Works, and shall be fixed and binding upon the Contractor.
10. Unit prices when applied to the quantity of work performed under the Contract shall, and other sums specifically determined under the provisions of the Contract, constitute full remuneration to the Contractor under the Contract.
11. Each item shall be priced by the Bidder in Sri Lanka Rupees.

12. Rates for items in this Bill of Quantities shall be inclusive for hauling, transporting, loading, unloading, spreading, heaping, supporting, scaffolding, welding, and for laps, unless otherwise specifically stated.
13. Unless otherwise specifically stated in Bill of Quantities or herein, the following shall be deemed to be included with all items:-
  - i. Labour and all costs in connection therewith.
  - ii. Materials, goods and all costs in connection therewith.
  - iii. Tools, plants, hoisting plants and all costs in connection therewith.
  - iv. Waste of materials.
  - v. Square cutting.
  - vi. Establishment charges, overhead charges and profit.
  - vii. All setting out works.
  - viii. For providing of method statements, calculations, proposals by Contractor, shop drawings
  - ix. Complying with regulations of the Municipal Council and/or any other relevant authority under which particular item of work is to be executed unless otherwise included in the preliminaries
  - x. Protecting and clearing.
  - xi. In addition to above, the rate for item of work in substructure shall include for the works at depth extending below ground water table where applicable including excavation under water, removal and disposal of mud, sand and preparation of place to a condition suitable for proper execution of the work.
14. If bidders are anticipating to give any discount, it shall be marked separately in the space allocated in the summary of Bill of Quantities. Provisional Sums shall not be considered when calculating discount.
15. All materials, equipment supplied shall be new, unused without any defects.
16. All materials used in the Works shall be of the best quality of their respective kinds as specified and shall be obtained from sources and suppliers approved by the Engineer and shall comply strictly with the tests prescribed or, Where tests are not laid down in this Specification, with the requirements of the latest issue of the relevant British Standards or other Standards approved by the Engineer.
17. Metric units are used throughout the Bill of Quantities for measurement purposes unless otherwise indicated. Abbreviations used in the Contract are as follows:-
 

L.S.	-	Lump Sum
P.S.	-	Provisional Sum
m	-	Metre
m <sup>2</sup>	-	Square metre
kg	-	kilograms
No	-	Numbers
Rs. Cts.	-	Sri Lankan Rupees and Cents
m <sup>3</sup>	-	Cubic metre

## **PRICING PREAMBLES**

### **1.0 MASONRY WORK**

#### **Brick Work, Block Work and Rubble Work**

Rates shall include all rough and fair cutting, plumbing angles, forming rebated reveals, rough arches, raking out joints for pointing, plastering etc., cutting and pinning, forming or cutting chases, making good and like expenses.

Rates shall include all goggles, cramps, dowels, ties, templates, plumbing, settings, jointing, pointing, and fixing in position including hoisting and cleaning down.

Rates shall include Builders work in connection with electrical installation, plumbing and drainage work.

Rates shall include provision of stiffeners for all 112 mm thick walls, which exceed 2400 mm length.

Rates for brick work shall include preparation of surface to receive any external wall finish and shall be to Engineer's approval.

Rate shall include preparation of existing surface for proper bonding.

Rate shall include scaffolding whether specified separately or not.

Rates shall include extra material for curved work.

Rate for Brick Work shall include form joints between brickwork and existing surfaces of any material, approved filler between joint and approved sealant.

### **2.0 METAL WORK /ALUMINIUM WORK AND GLAZING WORK**

Rates for Glass Wall shall include:

- a) All necessary welding materials, cutting to length, bending and shaping as required, buffing all visible welds smooth and even for fabricating work delivery, handling, hoisting, jointing, polishing and fixing in position.
- b) Prepare and submit shop drawings where required and obtain Engineer's approval prior to proceeding with the fabrication and work. The Contractor shall check site dimensions and make fabricated work correspond to the Approved Shop Drawings.
- c) All metal shall be well formed to shape and size, with sharp lines or angles. Shearing and punching shall be left clean to true lines and surfaces, Shop

connections shall be welded or riveted and site connections bolted unless otherwise noted. Use flat headed counter sunk rivets where riveted connections are exposed to view in finished work. Bolts shall be turned up tight, and threads nicked to prevent loosening. All bolts shall be provided with washers.

- d) Form exposed connections with hair line joints which are flush and smooth using concealed fasteners wherever possible. If exposed fasteners are unavoidable use counter sunk flat head screws or bolts.
- e) All preparation work to floor, walls and ceiling for fixing Glass Walls.
- f) Raking and curved cutting where necessary.
- g) Normal edges are deemed to include the glass work.
- h) All sealant, mastic, setting blocks and fixing wherever necessary.
- i) Approved beading system to Glass Walls to prevent ingress of water and air.

Joints between Glass panels shall be Butt Joints.

Contractor shall carry out glazing work according to the drawings and specifications.

Aluminium work shall be carried out by a specialized Sub Contractor who can provide the performance specification for aluminium components approved by the Engineer.

All glass in partitions, doors, windows etc. shall be **5 mm thick clear glass** and shall be included in the rates.

Samples of all items required in aluminium work shall be submitted for prior approval without any additional cost.

Rates shall include all necessary ironmongery, such as hinges, locks, hooks etc., of approved quality. (As per attached schedules and in the drawings)

All locks, floor springs, and other necessary ironmongery shall be of best quality, Union or equivalent, and to the approval of the Engineer. It is the Contractor's responsibility to get the approval for ironmongery prior to execution of work.

All units shall be complete with all necessary glazing inserts, sealing strips, gaskets, skids, weather strips, glazing beads and all necessary ironmongery.

All aluminium units shall be designed to resist penetration of external moisture to the inside of the building. Fixing of frames for all units to the building shall be such as to ensure solid, void free, water proof joints. The joints shall be caulked with a building mastic which does not sag or run and is non hardening and non-staining and can be painted.

Rates shall include approved type and quality painting works.

All Aluminium extrusions shall be **Powder Coated and factory finished.**

All Aluminium extrusions **coating thickness** shall be **60 - 80 microns**

### **3.0 PAINTING**

Rates shall include preparation of surfaces, cleaning down, smoothing knotting, stopping etc. protection of floors and fittings, removing and replacing door and window fittings if required and cleaning upon completion and the like.

Rates for painting shall include one coat of Acrylic filler and finished with perfectly levelled paint consisting of two coats of approved colour and quality and shall be to the approval of the Engineer.

Painting in metal work is deemed to include work to attached holder bats, fastenings and the like.

Work to services is deemed to include work to saddles, pipe hooks, holder bats, conduit box and the like.

Rates for painting work shall include painting door and window reveals unless separately stated or provided for.

### **4.0 ELECTRICAL INSTALLATION**

Bidders shall refer the Conditions of Contract and CIDA Specifications SCA/8:2000, ICTAD/DEV/14 and British Standard Code of Practice BS 5306: Part 1 and BS 5839: Part 1 in addition to the descriptions in the BOQ and drawings prior to pricing of this BOQ. List of tender drawings is given in Section 8. Aforesaid documents shall be considered complementary and mutually explanatory. Notwithstanding sub-clause 2.3 of the Conditions of Contract, where there is a conflict between documents, descriptions in the BOQ shall take precedence. Bidder's price for each item shall include for the completion of the entire system to working order as described in these bidding documents, including testing and commissioning.

Rates shall include all conduits, conduit fittings, junction boxes, draw wire, cables, earth conductors, screws, nails, hardware, fixing and insulation materials, cutting holes and chases in brick work, concrete work etc., and making good.

The Contractor shall include in his rates the cost for supplying, installing and laying of all conducting, wiring, wooden plugs, wooden boxes, panel boards etc.

The Contractor shall price for all switches, ceiling roses, holders, flexible codes etc., for all light fittings and fans (wherever necessary) main switches, earth leakage, circuit breakers etc., as shown in detail in the drawings, the quality and workmanship of which shall be to the approval of the Engineer.

The height and the position of the lights shall be as per Engineer's approval.

It is the Contractor's responsibility to get the approval of the Engineer for electrical accessories, wires etc., and prior to installation.

Rates for light fittings shall be up to the fixing point of the light fitting.

Rate for light fittings shall include supply and fixing of fittings. It is Contractor's responsibility to obtain approval for such fittings by submitting samples prior to supply and fixing in position.

Rates shall include

- a) Supplying, installing, testing and commissioning of the system for power and lighting. All complete to the working order and to the entire satisfaction of the engineer.
- b) All materials, equipment, wiring and workmanship shall confirm to local codes of specification, BS Standards, latest I.E. regulations and Ceylon Electricity Board specifications.
- c) Make and manufacture of equipment to be submitted in advance for Engineer's approval.

### **Drawings**

Before any steel work is fabricated the Contractor shall obtain the Engineer's approval of the proposed details of fabrications. For these purpose two copies of each shop drawing shall be submitted to the Engineer not less than 14 days before commencement of fabrications.

## DAY WORK SCHEDULE

### **LABOUR**

The contractor shall state under item 1 below, the rate per hour irrespective of public holidays, etc. required for work ordered to be executed as Day work at the site of the works.

Day work rates quoted below shall also cover all the expenses of the contractor such as supervision, repairing and maintaining the tools necessary to each class of workman and particularly his profit & overhead expenses without any Taxes and / or Levies.

	DESCRIPTION OF LABOUR GRADES	RATE PER HOUR Rs.
I	Painter	
II	Masons	
III	Plumber	
IV	Skilled Worker for Aluminium work	
V	Electrician	
	<b><u>Any Other Grades</u></b>	
VI	Unskilled Labour	
VII		
VIII		
IX		

### **PLANT & EQUIPMENT**

The contractor shall state under item 2 below, the rate per hour for use of plant in good working condition and include for the cost of fuel, lubricants, transport to and from site wages & allowances of the operators, any other expenses and contractor's profit & overheads without any taxes and / or Levies.

	DESCRIPTION OF PLANT & EQUIPMENT	RATE PER HOUR RS.
I		
II		
III		
VI		
V		
VI		



# **SECTION 08**

# **DRAWINGS**

<b><i>No.</i></b>	<b><i>Description</i></b>	<b><i>Drawing no.</i></b>
01	Sewerage Line	CPSTL/10/2022/001
02	Manhole Detail 01	CPSTL/10/2022/002
03	Manhole Detail 02	CPSTL/10/2022/003
04	Manhole Detail 03	CPSTL/10/2022/004

## **CHECK LIST FOR BIDDERS**

**CHECK LIST FOR BIDDERS**

Bidders are advised to fill the following table.

ITEM	ITB Clause	YES (tick)	REFERENCE
<b>Form of Bid</b>			
Addressed to the Employer?	18		
Completed?	18		
Signed?	18		
<b>Bid Security</b>			
Address to the <b>Employer?</b>	16		
Format as required?	16		
Issuing Agency as specified?	16		
Amount as requested?	16		
Validity <b>28 days beyond</b> the validity of Bid?	16		
<b>Qualification Information</b>			
All relevant information completed?	4		
Signed?	4		
<b>Addendum</b>			
Contents of the addendum (if any) taken in to account?	10		
<b>Bid package</b>			
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		