

CEYLON PETROLEUM STORAGE TERMINALS LIMITED

BIDDING DOCUMENT

NATIONAL COMPETITIVE BIDDING

FOR

**REFURBISHMENT OF TANK FARM CONTROL ROOM, MOTOR CONTROL
CENTRE AND LOADING PUMPHOUSE AT MUTHURAJAWELA TERMINAL**

KPR/63/2025

Employer:

Ceylon Petroleum Storage Terminals Limited,
Oil Installation
Kolonnawa.

Engineer:

Engineering Manager,
Ceylon Petroleum Storage Terminals Limited
Oil Installation,
Kolonnawa.

Issued to :
Issued by :
Date :

October 2025

CONTENTS

Volume 1**Page**

Section 1	:	Instructions to Bidders	4-5
Section 2	:	Standard Forms (Contract)	6-10
Section 3	:	Conditions of Contract	11-12

Volume 2

Invitation for Bids			14-17
Section 4	:	Form of Bid and Qualification Information	18-21
Section 5	:	Schedule	22-38
Section 6	:	Specifications	39-52
Section 7	:	Bill of Quantities	53-68
Section 8	:	Standard Forms (Bid)	69-72
Check List for Bidders			73-72

CEYLON PETROLEUM STORAGE TERMINALS LIMITED

**REFURBISHMENT OF TANK FARM CONTROL ROOM, MOTOR CONTROL CENTRE
AND LOADING PUMPHOUSE AT MUTHURAJAWELA TERMINAL**

BIDDING DOCUMENT

VOLUME - 01

SECTION 01 :	INSTRUCTIONS TO BIDDERS
SECTION 02 :	STANDARD FORMS
SECTION 03 :	CONDITIONS OF CONTRACT

Employer:

Chairman,
Ceylon Petroleum Storage Terminals Limited,
Oil Installation
Kolonnawa

Engineer:

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

October 2025

SECTION 01

INSTRUCTIONS TO BIDDERS

DUPLICATE

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. ICTAD Publication No. ICTAD/SBD/03, Second Edition, January 2007, published by the Construction Industry Development Authority (CIDA), “Savsiripaya”, 123, WijeramaMawatha, 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 Bidding Data 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 (CONTRACT)

Letter of Acceptance

Agreement

Performance Security

Advance Payment Security

Retention Money Guarantee

FORM OF LETTER OF ACCEPTANCE*[LETTER HEADING PAPER OF THE PROCURING ENTITY]*

----- [date]

To: -----

[name and address of the Contractor]

This is to notify you that your bid dated ----- *[insert date]* for the construction and remedying defects of the ----- *[name of the Contract and identification number]* for the Contract price of ----- *[name of currency]* ----- *[amount in figures and words]* as corrected in accordance with Instructions to Bidders and / or modified by a Memorandum of Understanding, is hereby accepted.

The adjudicator shall be ----- *[name and address of the Adjudicator, if agreed]* / shall be appointed by the Institute for Construction Training and Development (ICTAD).

You are hereby instructed to proceed 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 of Performance Security is : ----- *(fill the date 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 and title of Signatory: -----

Name of Agency: -----

-

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: Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa

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: Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa

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

DUPLICATE

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).

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

CEYLON PETROLEUM STORAGE TERMINALS LIMITED**REFURBISHMENT OF TANK FARM CONTROL ROOM, MOTOR CONTROL CENTRE
AND LOADING PUMPHOUSE AT MUTHURAJAWELA TERMINAL****KPR/63/2025****BIDDING DOCUMENT****VOLUME - 02****INVITATION FOR BIDS**

SECTION 04 :	FORM OF BID AND QUALIFICATION INFORMATION
SECTION 05 :	SCHEDULE
SECTION 06 :	SPECIFICATIONS
SECTION 07 :	BILL OF QUANTITIES AND DAY WORK SCHEDULES
SECTION 08 :	DRAWINGS
SECTION 09 :	STANDARD FORMS (BID) CHECK LIST FOR BIDDERS

Employer:

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

Engineer:

Engineering Manager,
Engineering Function,
Ceylon Petroleum Storage Terminals Limited,
Oil Installation, Kolonnawa.
Wellampitiya.

October 2025

INVITATION FOR BIDS (IFB)**CEYLON PETROLEUM STORAGE TERMINALS LIMITED****REFURBISHMENT OF TANK FARM CONTROL ROOM, MOTOR CONTROL CENTRE AND LOADING PUMPHOUSE AT MUTHURAJAWELA TERMINAL
KPR/63/2025**

1. The Chairman, Department 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 ‘**Refurbishment of Tank Farm Control Room, Motor Control Centre and Loading Pumphouse at Muthurajawela Terminal**’.

The work consists of includes of renovate the damaged asbestos ceiling which is part of office area and minor repairs in building and RCC floor etc.

The Construction period is **90 Calendar Days**.

2. Bidding will be conducted through **National Competitive Bidding Procedure (NCB)**.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the following requirements
4. Qualification requirements to qualify for contract award include:
5. (*Proofs shall be submitted along with the bid*)

a) CIDA registration required

Specialty	:	Building works
Grade	:	C8 or Above

b) Experience Requirement

experience in successfully completed at least two similar projects involving building painting or renovation works

AND

at least two projects involving blast cleaning and painting of large steel structures using two-component epoxy paints within the last five years.

(Documentary evidence, including Certificates of Completion and financial documents, shall be provided with the Bid)

c) Schedule of Key Personnel

01 Nos of Technical Officer possessing a National Certificate in Technology (NCT – Civil) or an equivalent qualification with a minimum of two years of experience in similar building painting or renovation work

And

01 Nos of Supervisor holding NVQ Level 5 or an equivalent qualification with at least five years of experience in blast cleaning and painting of large steel structures using two-component epoxy paints within the last five years.

Proof of such experience shall be submitted with the Bid

6. Interested bidders may obtain further information from the Manager Procurement of the Ceylon Petroleum Storage Terminals Limited, (Tele Phone+94 112572156, 2572155 and Tele Fax: +94 11 2074299 and Email: procure@cpstl.lk and inspect the bidding documents free of charge during any working days from 0900 hrs to 1500 hrs. at the address given below. However, the bidders can inspect the bidding document (excluding drawings) from CPSTL website; www.cpstl.lk .
7. A complete set of Bidding Documents in English language may be purchased by interested bidders may obtain the Bidding Documents through any of the following methods:

(a) In-Person Collection:

By submitting a written application to The Manager (Procurement), Procurement Function Ceylon Petroleum Storage Terminals Limited (CPSTL), 1st Floor, New Administration Building Oil Installation, Kolonnawa, between **01.12.2025** and **15.12.2025**, on working days from 0900 hrs to 1400 hrs, along with your request, you must provide proof of payment of a non-refundable fee of LKR 3,000.00. Payment can be made:

- In cash at the Cash Counter, Old Administration Building, CPSTL, Kolonnawa, or
- By bank transfer to the CPSTL account (details given below), and submit a copy of the bank slip or transfer confirmation.

(b) By Email Request:

Making a cash payment of the non-refundable fee of LKR 3,000.00 to the CPSTL bank account (bank details provided below), and Sending proof of payment (a copy of the bank slip or transfer confirmation), along with a written request on company letterhead, via email to procure@cpstl.lk , between **01.12.2025** and **15.12.2025**, on working days from 0900 hrs to 1400 hrs. Upon receipt of the non-refundable fee in the CPSTL account, the full set of bidding documents will be issued via email by the Procurement Function.

[Your reference details (Applicant Name, Company Name, Tender Number [KPR/63/2025]) should be stated in your receipt.]

Account Details

Account Holder: Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya,

Account No: 004-1-001-9-0208672

Bank & Branch: People's Bank

Corporate Branch

No. 91, All Ceylon Hindu Congress (ACHC) Building,

Sir Chittampalam A. Gardiner Mawatha. Colombo 02,

Bidding Document (excluding drawings) available on the web is only for viewing purposes, and Bids shall be submitted using a Hard Copy of the Bidding Document purchased from CPSTL

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 (Minor), C/o Manager Procurement, Ceylon Petroleum Storage Terminals Limited, Procurement Function, 01st 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 **16.12.2025**.
7. 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 to reach on or before 1400 hrs. on **16.12.2025** subject to following conditions.
 - i. Submission of the bid via email is at the bidder's own discretion.
 - ii. If the bidder intends to submit a bank guarantee or bank draft as the bid security (instead of a direct deposit to the CPSTL bank account), the **original bank guarantee / draft** must be sent or hand-delivered to the above address by 1400 hrs. on **16.12.2025**
 - iii. The title and closing date of the tender must be indicated as the subject of the email.
 - iv. The size of an email (including attachments) must not exceed 20 MB. If the attachment exceeds 20 MB, the bidder must split the attachments and send them as separate emails (e.g., 01 of 03, 02 of 03, 03 of 03).
 - v. Direct links to external sites or shared folders (e.g., Google Drive) are strictly prohibited.
 - vi. Do not CC or BCC any other official or personal email IDs of CPSTL staff.
 - vii. The original Procurement Document must be securely kept and submitted to the Manager Procurement upon request. However, the original bid document will only be used for filing purposes and not for verification against the e-bid.
8. Bids will be closed at 1400 hrs. on **16.12.2025** and will be opened immediately thereafter at the office of Manager Procurement, in the presence of the authorized only one representative of the bidder who chose to attend.
9. Bids shall be valid up to **03.03.2026**
10. All bids shall be accompanied by a Bid Security of **Rs. 98,000.00 (Rupees Ninety-Eight Thousand only)** Bid Security shall be valid up to **31.03.2026**
11. Any of the following party who wishes to submit a bid, shall register himself at the Department of Registrar of Companies www.drc.gov.lk (e-ROC) as per the Public Contracts Act, No. 03 of 1987 for every public contract value exceeding Sri Lankan Rupees Five million (LKR 5,000,000).
 - i. An agent, sub-agent, representative or nominee must be registered prior to the closing of the Bid/Tender.
 - ii. If the tender applicant and the tenderer is the same party he must be registered prior to the award of the tender.

However, this registration will be verified by CPSTL at the preliminary evaluation of Bids. In case of failure to meet this legal requirement, the Bid shall be rejected.

Contact details of the Registrar: Department of Registrar of Companies, "Samagam Medura", No. 400, D R Wijewardena Mawatha, Colombo 10 / Tel.: +94-11-2689208 / +94-11-2689209 / Email: registrar@drc.gov.lk (Contact details may vary from actuals & CPSTL does not take any responsibility in this regard)

The address(es) referred to above is (are):

The Chairman

Departmental Procurement Committee (DPC-Minor),

C/O Manager Procurement,

Ceylon Petroleum Storage Terminals Limited

Procurement Function, 1st floor, New Building,

Oil Installation, Kolonnawa,

Wellampitiya.

Telephone: +94 11 2572156, +94 11 5750764

Fax : +9411 2572155 Email : procure@cpstl.lk

SECTION 04

**FORM OF BID AND QUALIFICATION
INFORMATION**

DUPLICATE

FORM OF BID

Name of Contract: REFERBISHMENT OF TANK FARM CONTROL ROOM, MOTOR CONTROL CENTRE AND LOADING PUMPHOUSE AT MUTHURAJAWELA TERMINAL

To: The Chairman,
Department Procurement Committee,
C/O Manager Procurement,
Ceylon Petroleum Storage Terminals Limited,
Oil Installation Kolonnawa,

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.....
..... (LKR.) or such other sums as may be ascertain 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 ofduly authorized to sign tenders for and on behalf of.....

(IN BLOCK CAPITALS)

Signature :

Name :

Designation :

Address :

Contact No : email

Witness :

Signature :

Name :

Address :

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

CIDA Registration		
Registration number	<i>(attach copies of relevant pages from the registration book)</i>	
Grade	C8 or above	
Specialty	Building Construction	
Expiry Date		
Blacklisted Contractors		
Have you been declared as a defaulted contractor by NPA or any other Agency?		(Yes/No)
IF yes provide details		
IF yes provide details		
VAT Registration		
SSSL Registration		
Construction Program	<i>(attach as annex)</i>	
Legal status	<i>(attach relevant status copies, as annex)</i>	
Value of projects <i>involving building painting or renovation works</i> completed in last 5 years (indicate only the two largest projects)		
1. Value Year 2. Value Year <i>(attach copies of Certificate of Completion etc., as annex)</i>		
Value of projects <i>involving blast cleaning and painting of large steel structures using two-component epoxy paints</i> Completed in last 5 years period (indicate only the two largest projects)		
1. Value Year 2. Value Year <i>(attach copies of Certificate of Completion etc., as annex)</i>		
	Eligibility requirement	
Qualification and experience of Key staff	Category Experience and Qualifications	Required Nos.
	On Site Supervisor	01
		Bidders' qualification
		Proposed by bidder (Name, experience and Qualifications)

	<p>Qualification: 2 years or more Full time Diploma or higher qualification in Mechanical Engineering</p> <p>Experience: 05 years (excluding training period compulsory for the above qualification)</p> <p>Experience in carrying out blast cleaning & painting large steel structures in similar capacity with two component epoxy paints within the last 5 years</p>		
	<p>Technical Officer possessing a National Certificate in Technology (NCT – Civil) or an equivalent qualification with a minimum of two years of experience in similar building painting or renovation work</p>	01	

Signature of the Bidder:.....

SECTION 05

SCHEDULE

DUPLICATE

Schedule

ITB Clause	Conditions of Contract Clause	Item	Data
1.	1.1.8	Employer is	Name : Chairman Ceylon Petroleum Storage Terminals Limited
			Address: Oil Installation, Kolonnawa Wellampitiya
	1.1.10	Engineer is	Name : Engineering Manager Address: Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya
1&13	1.1.21	Summary of Works	<p>The scope of work includes: minor repairs and painting of the tank farm control room, motor control centre, and loading pumphouse; specifically encompassing cleaning and surface preparation of existing surfaces; painting of internal walls, external walls, and slab soffits; modification of control room access; minor repairs to doors and windows; cleaning and painting of internal pipelines and steel structures; rectification or replacement of corroded components; minor building repairs; and washroom renovation. All work shall be executed as specified in the Bill of Quantities and as directed by the Engineer</p> <p>The contractor shall execute the work in a manner that does not disrupt CPSTL's ongoing daily operations. The site will be made available in phases, as appropriate, to facilitate the contractor's scope of work. Wherever feasible, the contractor shall carry out parallel activities to ensure timely and efficient completion of the work.</p> <p>Location : Muthurajawela Terminal.</p> <p>Contract Name : Refurbishment of tank farm control room, motor control centre and loading pumphouse at Muthurajawela Terminal</p>

1. 1.1.14 Intended Completion Date Intended Completion Date is The Construction period is **90 Calendar Days** from the start date.
2. Source of Fund The source of funds is Ceylon Petroleum Storage Terminals Limited (CPSTL)
- 2.3 ENGINEER'S INSTRUCTIONS This shall be read in conjunction with Clause 2.3 of General Conditions of Contract.
- a) Any additional detail drawings issued to the contractor to assist him in his work during the course of construction shall not constitute a variation if it is given for purpose of clarity.
- b) The entries made in the Log book maintained at the site is taken as sufficient notice to the contractor in such matters necessary for the day-to-day execution of work
3. Eligibility The Requirement is
The successful bidder shall not have been blacklisted and shall meet the following requirements
- i. The bidder should have required CIDA registration

CIDA registration

Specialty	Building
Grade	C 8 or above

7	Site Visit	<p>Prior to submitting a bid, bidders shall familiarize themselves and shall be deemed to have done so.</p> <p>The bidders shall inform Procurement Manager, Procurement Function, Oil Installation, CPSTL, Kolonnawa (Telephone: +94 11 2572156, +94 11 572155, Fax: +94 11 2074299, Email: procure@cpstl.lk) at least 02 days in advance with their names, NIC Numbers/Passport Numbers so that the CPSTL will arrange required permits for the site visit.</p> <p>The bidders are advised to limit the number of persons, for the visit, due to the security reasons, at Oil Installation Kolonnawa / LBD. Site visit will be permitted during 0830 – 1600 hrs. except Sundays and mercantile holidays. The cost of such visits shall be borne by the bidder.</p>
12.	Documents of the Bid	<p>Documents to be submitted with Bids</p> <p>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 offer submitted. Lack of submission of all the requested information shall be a reason for disqualification and finally for rejection of the offer.</p> <ul style="list-style-type: none"> • Bid security • CIDA Registration copy • CPA -03 Registration copy • Audit Financial report for last 3 years • Technical Staff detail • Bidder successfully completed project detail for last five years. • Work program
13.	10.10 Price Adjustment	<p>The Contract is not subject to price adjustment.</p>

6.1 & 6.2

(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 demolishing work, concrete work, minor repair works, painting work 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) Experience

Proof of experience in carrying out at least two similar projects involving building painting or renovation works and at least two projects involving blast cleaning and painting of large steel structures using two-component epoxy paints within the last five years.

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 two similar projects.

(c) Schedule of Key Personnel

Bidder shall submit a schedule of Key Personnel consisting the site staff. *01 Nos of Technical Officer possessing a National Certificate in Technology (NCT – Civil) or an equivalent qualification with a minimum of two years of experience in building painting or renovation work and 01 Nos of Supervisor holding NVQ Level 5 or an equivalent qualification with at least five years of experience in blast cleaning and painting of large steel structures using two-component epoxy paints within the last five years.*

16. Bid Security
- The amount of Bid Security shall be for an amount of **Rs. 98,000.00 (Sri Lanka Rupees Ninety-Eight Thousand only)** (without VAT) from a reputed commercial bank.
- The Tender Guarantee should be in one of the following forms
- A receipt for cash deposit paid to the Accountant, Ceylon Petroleum Storage Terminals Limited, 1st Floor, New Administration Building, Oil Installation, Kolonnawa in favor of the name of the Chairman, Ceylon Petroleum Storage Terminals Limited.
 - A Guarantee from an approved Commercial Bank operating in Sri Lanka, with the authority of a license issued by the Monetary Board (Central Bank of Sri Lanka)
- The format of the Bid Security (unconditional guarantee) included in Section 2, Standard Forms. The validity of Bid Security shall be till **31.03.2025.**

30

Award of
contract

Prior to the notification of award, in accordance with Clause 33.0, the standstill period and applicable appeal process shall be applied as follows

STANDSTILL PERIOD & APPEALS

- Intension to award the contract:

CPSTL shall notify unsuccessful bidders in writing, either by post and/or email, regarding the DPC's intention to award the contract to the successful bidder

- Standstill Period:

There shall be a minimum interval of ten (10) working days between the submission date of the CPSTL notification of the intention to award the contract to the successful bidder and the actual award of the contract. This interval is referred to as the Standstill Period.

- Debriefing for Unsuccessful Bidders:

Unsuccessful bidders may request a debriefing from CPSTL in writing, either by post and/or email, no later than the third (3rd) working day of the Standstill Period

CPSTL shall conclude the debriefing process no later than the fifth (5th) working day of the Standstill Period.

It is the sole responsibility of the appellant to ensure that the appeal includes all relevant supporting documents to substantiate the grievance

31.	4.4	Performance Security	<p>Amount of Performance Security required is 5 % of the Initial Contract Price.</p> <p>The form acceptable for the Performance Security (unconditional) included in Section 2, Standard Forms.</p> <p>The Performance Security shall be valid and kept alive for 28 days beyond the intended completion date.</p> <p>The Performance Security shall be from a commercial bank with the authority of license issued by the monetary board of Sri Lanka (Central Bank of Sri Lanka).</p>
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6.1	<u>Working Hours</u>	<ul style="list-style-type: none"> i. Normal working hours of CPSTL from Monday to Friday is from 0730 hrs. to 1630 hrs. ii. In the work programme Saturday also can be considered as a working day and from Monday to Friday up to 1830 hrs also can be considered as a working hours by the contractor. But to work on Saturday and up to 1830 hrs the contractor is required to obtain prior permission since the offices are normally closed on Saturdays. iii. However, working on Statutory holidays, Sundays and after 1830 hrs. on working days will not be permitted. v. Provided always that provision of above (iii) shall not be applicable in the cause of any work which it is customary to carry out, outside normal working hours by rotary or double shifts.
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6.2	Programme	<p>If any time should it appear to the Engineer that the actual progress of the work does not conform to the approved programme, the contractor shall produce, at the request of the Engineer a revised programme showing the modifications to the previously approved programme necessary to ensure completion of the work within the stipulated time of completion.</p> <p>Failure on the part of the contractor to submit and obtain approval for the revised programme may result in the Engineer ordering an additional retention of 5% of the immediate claim. The contractor shall be entitled to release of the retention thus withheld from the next claim on obtaining the approval of the Engineer for the programme of work submitted to the Engineer.</p>
6.3	Extension of time	<p>No extension of time will be considered other than the adverse weather condition or other special circumstances of any kind whatsoever which may occur, other than through a default of the contractor be such as fairly to entitle the contractor to an extension of time for the completion of the work. The contractor shall, within fourteen (14) days after the cause for delay has arisen, deliver to the Engineer full and detailed particulars of any claim to extension of time to which he may consider himself entitled in order that such claim may be investigated at the time. In the event of failure on the part of the contractor to act as stated herein before shall be forfeited in extension of time for the particular event.</p>
6.4	Late Completion	<p>The amount to be paid is Rs. 1/250th of Initial Contract Price per Day, subjected to maximum of 10 % of Initial Contract Price.</p>
8.1	Notification of Defects	<p>The period for Defect Notification is 270 Days from Taking Over.</p>
10.3	Interim Payment	<p>i) Interim payments will be made on completion of each category under the “Bill of Quantities” in Section -7</p> <p>ii) The bid shall be on the basis of Measure & Pay Comprehensive</p>

	Minimum amount of Interim Certificates	Rs 2,000,000/=
10.5	Retention	<p>The amount of retention is 10% of certified work done.</p> <p>The maximum amount of retention is 5% of Initial Contract Price and shall be release at the expiry of defect notification period.</p>
10.12	Advance Payment	<p>Amount of advance payment shall be 20% of initial contract price (less provisional sums and contingencies).</p> <p>Upon the payment of the advance payment in full the Employer shall return the original of the advance payment guarantee to the Contractor.</p> <p>No advance payment will be made in respect of constructional plant.</p>

12.1

Contractors'
care of worksSpecial Safety Conditions

- i. The work/workers should conform to the Fire & Safety rules and regulations of CPSTL and they should wear safety belts when working at high elevations.
- ii. The contractor shall follow all health and safety guidelines issued by Health authority.
- iii. Before work of any nature is commenced in any area it is necessary to obtain excavation permits, safety certificates and if the work involves sparks or flames also a hot work permit from the Fire & Safety Section of the CPSTL, Muthurajawela depending on nature of work. All precautions stipulated in these documents must be observed by the contractor and his employees. If the work cannot be completed in the period for which these documents are valid the work shall be discontinued until the documents have been renewed.
- iv. The Muthurajawela Terminal is a security restricted area and all contractors' personnel shall abide by the security regulations prevailing and those which might be enforced as and when necessary due to changed circumstances.
- v. All contractor's personnel and their vehicles will be required to obtain gate passes before enter in to the Muthurajawela Terminal. Those who possess valid police clearance are eligible to obtain gate passes.
- vi. Safety clearances to be obtained before enter to the tank farm.
- vii. The contractor shall, except if and so far as the contract provides otherwise, indemnify the CPSTL against all losses and claims in respect of injuries or damage to any person or material or physical damage to any property whatsoever which may arise out of or in consequence of the execution of the works and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto except any compensation or damages for or with respect to:
 - a. the permanent use or occupation of land by the works or any part thereof;

- b. the right of the CPSTL to execute the works or any part thereof on, over, under, in or through any land;
 - c. injuries or damage to persons or property resulting from any act or neglect of the CPSTL, his agent, servants or other Contractors, not being employed by the Contractor, or for or in respect of any claims proceedings, damages, costs, charges and expenses in respect thereof or in relation thereto or where the injury or damage was contributed to by the Contractor, his servants or agents such part of the compensation as may be just and equitable having regard to the extent of the responsibility of the Employer, his servants or agents or other contractors for the damage or injury.
- viii. Only qualified persons shall perform electrical installations, repairs and other related work.
- ix. The first consideration for working on any electrical system is to have the circuit positively de-energized. All circuits and equipment must be considered energized until opened, tagged and/or locked according to an approved procedure and should be proven de-energized by testing with an approved testing device known to be in proper working order.
- x. Qualified personnel performing such tasks as electrical repairs, modifications, and tests on energized electrical systems, parts, and equipment need to comply with the following:
- a. Live parts to which personnel may be exposed shall be de-energized before the personnel works on or near them, unless demonstrated that de-energizing introduces additional or increased hazards or is infeasible due to equipment design or operational limitations
 - b. Work performed on energized electrical systems and equipment may be done only if a supervisor and/or safety professional and the personnel performing the work determine that it

can be done safely. Approval should be given for each job.

- c. Sufficient protection in the form of insulated tools and insulated protective equipment, such as gloves, blankets, sleeves, mats, etc., shall be used while working on energized circuits.
- d. At least two personnel shall be present while the work are being performed

	13.1 (a)	Insurance cover	The minimum cover for insurance of the Works and of Plant and Materials is 110% of initial Contact Price
	13.1(c)	Insurance, third party	Minimum amount for third party insurance is Rs. 1,000,000.00
	13.1	Insurance for contractor's Personal	Minimum amount for Insurance for Contractor's Personnel is Rs. 1,000,000,00
33.	1.1.11	Adjudicator	CPSTL does not propose any Adjudicator in case of any dispute. An adjudicator shall be appointed by the Appointing Authority who shall be 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

**PARTICULAR APPLICATION INCLUDING GENERAL NOTES FOR ICTAD
CONDITIONS OF CONTRACT**

A.1: INSPECTION OF SITE AND NATURE OF THE WORK

Bidders are advised to visit the site to acquaint themselves with all existing conditions, and the type of work to be done under this contract as no claims will be entertained on the plea of want of information due to negligence of their part in this regard.

Particular attention shall be paid to the following:

- (01) Extent and nature of the work to be done
- (02) Site Conditions
- (03) Storage facilities
- (04) Transport Facilities including site access.
- (05) Working conditions
- (06) Limitation of working time
- (07) Strength and stability of the existing structures
- (08) Access to the location
- (09) Ground water table
- (10) Weather during construction period
- (11) Availability of existing services at the vicinity of the proposed work.
- (12) Effect to the existing structures due to the proposed work.
- (13) Transporting handling and re-handling of materials etc.
- (14) Capacities and type of equipment to be used
- (15) Security requirements to be adhered.

The Rates for all items shall be inclusive of the following:

1. Unless otherwise specified, providing all materials, labour, services, machinery, tools and other means of construction including contractor's overheads and profits.
2. Unless otherwise specified providing, all holes, chasings etc. as directed by the Engineer for electrical and all other services and making good the same as and when such installations are provided.
3. Providing sample, tests, specimens etc., for such items of work as required by the Engineer.
4. All necessary scaffolding, handling of materials whether specifically mentioned or not in the respective items (and other temporary works etc. shoring and formwork).
5. All builder's work in connection with Mechanical and Electrical Installations unless otherwise specified.
6. All cost for mobilization and de-mobilization.

ADDITIONAL CONDITIONS OF CONTRACT**Clause A1 : SKILLED LABOUR & WAGES**

The contractor will be required to pay a fair wage to every section of the workers employed by him in respect of the works tendered for and in terms of all regulations now in force or which may hereafter come into force, relating to the payment of wages to workers.

The contractor will be bound to allow any officer duly authorized by Ceylon Petroleum Storage Terminals Ltd to have access to his books, check rolls, master-rolls, and other documents relating to labour employed by him in connection with the said works

Clause A2 : LATRINES

Contractor's workmen shall be forbidden to soil the site. Contractor therefore shall provide at his own expense all necessary latrines and sheds for the use of the workmen at a position approved and maintain same clean in sanitary condition and clear away and leave the site perfectly clean on completion of the works. The Contractor shall at all times comply with all by laws and requirements of the local authorities regarding sanitation.

Clause A3 : BONUS FOR COMPLETION

There shall be no bonus applicable to this contract.

Clause A3 : EQUIPMENT, PLANT & MATERIAL

- a. **EQUIPMENT AND PLANT** - Unless otherwise specified the contractor shall furnish all necessary and suitable equipment, plant and labour of all description for the safe, speedy and workmanlike execution of all works entrusted to him and the Engineer shall have power to order amendment to all or any of such equipment etc. If he feels that it is inadequate or unsuitable.
- b. **REMOVAL OF MATERIALS** - Any materials removed from existing Building or works during additions, improvements, demolitions, alterations, etc. Are to be carefully stacked at the site and are to be handed over to the Engineer. The contractor will be held responsible for, in the event of any such material being lost, or misplaced, and the contractor must refund to the Employer the value of such missing materials valued at current rates or prices.

Clause A6: TAXES AND LEVIES

Rate for all items in Bill of Quantities and Day work schedules should not be included the VAT and any other Tax or Levy. VAT Registered Number shall be mentioned at the grand summary of Bill of Quantities.

Clause A7: ANALYSIS OF RATES

Tenderers shall submit an analysis of rates for any item or items if called upon to do so by the Engineer in an event of a dispute. The Engineer's assessment will be the final.

Clause A8: SAMPLES

Rates of all items shall be inclusive of providing samples, when requested by the Engineer for the approval. No extra payments will be allowed for submission of samples and for samples rejected by the Engineer.

Clause A9: DIMENSIONS

All dimensions for the items stated in this Bill of Quantities, Drawings and Specifications should be checked at the site by the Contractor prior to commencing all such work. In the event of any discrepancies, the Contractor is advised to inform the Engineer for necessary instructions, well in advance prior to commencing ordering, fabrications etc.. Of such items.

Clause A.11: DEVIATION FROM STANDARD METHOD OF MEASUREMENT

The items in the Bill of Quantities have been measured generally according to the **STANDARD METHOD OF MEASUREMENTS - SLS 573 (1999)**

SECTION 06
SPECIFICATIONS

DUPLICATE

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, WijeramaMawatha, Colombo 07.

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, WijeramaMawatha, Colombo 7.

6.1. Scope of Supply by CPSTL

6.1.1 Construction Utilities

Electricity and water connections would be provided by CPSTL on request of contractor and relevant connection, usage, maintenance and disconnection cost would be charged from the contractor as per meter/estimate. However, it is contractor's responsibility to ensure that available power and water source are adequate to complete the work. If the power and water sources are insufficient or interrupted by authorities, the contractor has to maintain continuous supply for the work at his own cost. The Engineer shall estimate the bill on above basis in occasions the power supply is provided without a meter.

- i. The electrical power supply is available to the contractor subjected to following conditions.
- ii. CPSTL shall provide only the power supply tapping point with a meter at the nearest switch room.
- iii. Contractor shall use his own feeder cables and temporary power distribution board sufficiently rated to power the equipment and machinery used at site, conforming to CEB regulations in consultation / supervision of Electrical Engineer of CPSTL
- iv. The maximum power CPSTL shall supply is 63A, 400V, 50Hz, 3 Phase.
- v. Contractor's power distribution board should consist of adequate over current and earth leakage protective devices for safety of men and machinery.
- vi. Contractor shall install the feeder cables from the metering point up to the temporary power distribution board as per the instruction & approval of the CPSTL Electrical Engineer.
- vii. It is the responsibility of the contractor to maintain his switch gear and cable network in good condition, so as to provide, complete safety to men and machinery.
- viii. The whole electrical installation of the contractor should conform to IET wiring regulations (17th Edition) published by the Institution of Engineering and Technology (I.E.T), London.
- ix. The electricity charge shall be deducted from the Final Bill of the Contractor.
- x. A fixed charge of Rs. 3,000/= one-off payment and a consumption charge as per applicable tariff rate for the concerned period shall be deducted as the electricity charge.
- xi. The supply is available to the contractor subjected to following conditions
- xii. CPSTL shall provide from the nearest available point.
- xiii. The electricity charge shall be deducted from the Final Bill of the Contractor.
- xiv. A fixed charge of Rs. 3,000/= one-off payment and a consumption charge as per

applicable tariff rate for the concerned period shall be deducted as the water charge.

6.1.2 Items supplied by CPSTL

- i. Paint and Thinner for Paint System 01 and Paint System 02 will be supplied by CPSTL

6.2. Contractor's Scope of Supply

Contractor shall supply construction equipment, materials, consumables and other requisites as follows;

6.2.1 Supply of all materials, fittings and accessories for successful completion of the project.

- i. Full conformance with engineering design criteria, design concepts and performance requirements.
- ii. Physical dimension requirements to satisfy the space limitations, indicated on the drawings.

6.2.2 Supply of all consumables such as welding electrodes, gas for cutting, grinding discs, concrete cutting dicks, drill bits fuel, lubrication, temporary erection materials, erection material, sand for blast cleaning, and all other consumables necessary for the proper execution of the painting work as specified in 6.3

6.2.1 Supply of all construction machines, equipment and tools such as sand blasting equipment, air compressors and other rigging equipment, screening and planks, supports for screens and tools where necessary.

6.2.3 All direct requirements for field equipment such as fuel, oil etc. the contractor intends to mobilize at site.

6.2.4 Supply of all inspection and testing equipment to perform necessary inspection and testing.

6.2.5 All drawings, method statements, time schedules, as built drawings and other related documents shall be prepared and submitted by the contractor.

6.2.6 Quality assurance records shall be maintained by the contractor and these records shall be given to Engineer upon completion of each job

6.2.7 All materials and equipment supplied by the contractor are subjected to approval by the Engineer.

6.2.8 The Contractor shall submit the performance bond and insurance covers as per Schedule in Section – 5.

6.2.9 Quality assurance records shall be maintained by the contractor and a copy of these records shall be given to Engineer upon completion of each job.

6.2.10 Contractor should provide required safe access and relevant facilities for the Engineer and Engineers representative to attend any inspection related event.

6.2.11 Manufacturer's Literature

The contractor shall submit to the Engineer three (03) copies of manufacturer's descriptive literature and installation/application instructions in English for each and every item of equipment supplied by the contractor.

6.2.12 Safeguarding the Materials and Equipment

- i. CPSTL shall not be responsible for theft damage or loss of any of the materials and equipment during the construction/installation. Materials and equipment shall be covered and protected against dirt, water, moisture, sand and chemical or mechanical injury. Upon completion of all works the materials and equipment shall be thoroughly cleaned, adjusted and tested to demonstrate its proper operation to the Engineer.
- ii. All materials and equipment shall be properly and adequately protected by the contractor before, during, and after installation. Material or Equipment damaged due to inadequate attention of the Contractor shall not be accepted and the client reserves the right to request replacements for such equipment at the handing over. Replacement of items damaged due to unavoidable circumstances during removal shall be paid on measure and pay basis. It is the responsibility of the Contractor to clean the installation at close of work every day and also to hand over a clean and neat installation at completion.

6.2.13 Contractor shall provide all facilities and for their employees to adhere in to Health Guidelines issued by the government during the execution of the contract.

Contractor shall provide medical test reports and vaccination details of their employees whenever requested by CPSTL

6.2.14 Samples

Samples of all the materials, fittings and accessories should be handed over to the Engineer and approval obtained before commencing the work. The work shall be carried out using such fittings and accessories.

6.3. Contractor's Scope of Work and Specifications

6.3.1 Site cleaning

Work site shall clean before commence the work, while execution of the work and after completion of the works. Debris and all removed material shall be properly disposed at a suitable location off the site as directed by the Engineer and usable material shall be handed over to CPSTL stores.

The building is release part by part while its operation is continued. Special attention shall be focused to keep the site clean and tidy.

Removal of sand, corrosion scale, Empty Paint buckets, thinner cans and other enclosures of consumables shall be transported to a location specified by CPSTL inside the Muthurajawela Terminal.

Glass, tile and partition surfaces shall be properly covered to avoid paint spillage. Electronic devices and furniture shall be protected with old papers and masking tapes.

6.3.2 Temporary Site office

The contractor should build a temporary site office for the purpose of maintain the document, storing the material etc. Sanitary facility for contractor's personnel shall be provided. All temporary arrangement shall be removed after completion of the work. Approximate area of office is 15 m².

6.3.3 Scaffolding

It is contractor's responsibility to erect scaffoldings to the all over the building in a manner it enables easy accessibility to perform the work. All arrangement shall be confirming to relevant standard and fire and safety regulation of CPSTL.

6.3.4 Painting Work - Wall, Floor, Slabs and Ceiling

- i. Painting work include preparation of surfaces, cleaning down, smoothing knotting, stopping, scraping, rectifying minor defects etc. protection of floors and fittings, removing and replacing door and window fittings if required and cleaning upon completion and the like. Power tools such as sander, power brush should be used where necessary to have a clean surface. If it is difficult to use power tools, manual tools shall be used such as wire brush. Old paint shall be cleaned using high pressure water jet and surface made smooth using sand paper, patch up work (material used for patch up work shall be approved) as directed by Engineer. Prior approval should be taken for application of paint.
- ii. It is contractor's responsibility to protect the fresh paint until dry enough to resist to wet condition and sticking impurities.
- iii. Application should be in accordance with the prescription of manufacturer.
- iv. Painting shall include one coat of Acrylic filler and finished with perfectly levelled paint consisting of two coats of approved colour and quality (Dulux or equivalent) and shall be to the approval of the Engineer.
- v. The colour of paint shall be same as existing colour.
- vi. All exposed steel surfaces should be painted with relevant coating system.
- vii. Painting work includes painting of saddles and hooks along the walls, holder bats, conduit box, duct lines and the like.
- viii. The work shall be scheduled in a manner minimise the disturbance to CPSTL daily operation.
- ix. Contractor shall focus special attention to protect all furniture, electronic devices while performing the work. It is contractor responsibility to recover such damage due to his negligence

6.3.5 Excavation/Demolition

Excavation work includes,

- i. Trimming and levelling edges, bottom face of excavation.
- ii. Compaction and testing of excavated area where necessary as directed by Engineer

- iii. Keeping all excavation free from storm and/or percolating water as required or directed by the Engineer to keep excavation dry.
- iv. Necessary Planking and strutting.
- v. Disconnecting and removing of underground pipe lines and take necessary care to avoid damage to such pipes.
- vi. Debris and excavated material shall be transported and stack at proximity location within CPSTL premises as directed by the Engineer.
- vii. Dewatering including pumping out water up to the nearest manhole in the existing drainage system.
- viii. Working space where necessary.
- ix. It is contractor responsibility to take necessary safety precaution to avoid the damages to adjacent structures while carrying out the excavation and demolition work
- x. If excavated material is suitable for backfilling, it should be properly stacked and cover as a manner to reuse the same.
- xi. Bulking after excavation using available material.
- xii. Remove usable material should be handed over to CPSTL stores
- xiii. Excavation work for foundation, drains and manholes etc. shall be backfilled after completing the work

6.3.6 Concreting work

- i. Mixing, handling, depositing, hoisting in position, compaction as specified and curing as specified.
- ii. Compressive strength of concrete and consistency of fresh concrete shall be tested according to method of testing defined as BS standards.
- iii. Cement, sand, aggregates shall comply with relevant standards and free from impurities.
- iv. Fine aggregate is pure river sand
- v. Maximum aggregate size shall be 19 mm or as shown in the drawings.
- vi. Minimum clear cover shall be provided for reinforcement. Cover block shall be casted as direction of engineer.
 - a) If underground, 50 mm
 - b) If above ground, 40 mm or directed by the Engineer.
- vii. Fresh concrete shall be protected from adverse weather conditions.
- viii. Water cement ratio shall be kept specific standard value.
- ix. Concrete work shall include forming joints between new concrete and old concrete as per the specifications and directed by engineer
- x. The volume proportions for concrete mixes are in **C25 1:1:2** respectively.

6.3.7 Formwork

Formwork centering and moulds for concrete construction shall be of plywood shall be erected true in line, levels and vertically and to the required shapes and sizes and shall

be of suitable design and substantial and rigid construction as to prevent deformation due to the placing and compacting of concrete and any incidental loading. All form work and cantering shall be so constructed that no grout shall leak out during concreting.

Formwork and centering shall be provided with adequate walling, struts braces, ties and clamps so as to maintain the dimensions lines and levels shown on the drawings during the entire operation of placing and compacting the concrete and to prevent any sagging exceeding 3 mm under the weight of wet concrete and any other super imposed loads which they would be subjected to during construction.

The Contractor shall provide sufficient form work and moulds to ensure the adequate progress of work and the Engineer may direct the Contractor to provide at Contractor's expense such additional form work and moulds as they may deem necessary if in his opinion the proper progress of the work is retarded by their absence.

- i. All necessary boarding's, supporting, application of mould oil as necessary, erecting, framing, cutting angles cleaning, wetting and treatment before placing concrete.
- ii. Lines and levels of formwork shall be maintained.
- iii. All formwork shall be in plywood sheet or smoothed timber plank (smooth surface without irregularities) with adequate thickness.
- iv. Grout leak shall be prevented.
- v. Formwork has been measured the net contact surface between concrete and formwork.

6.3.8 Reinforcement

- i. The size of reinforcement rods described in the drawing or elsewhere shall be the minimum size and the rolling margin and any other tolerance shall be wholly above this size. Hooks and laps have been measured with the quantities.
- ii. Reinforcement shall be bent cold by applying a slow even pressure on an approved type of bending apparatus.
- iii. Re-bending of incorrectly bent bars shall not be attempted.
- iv. Reinforcements shall confirm to B.S. 4449 and having minimum characteristic strength of 500N/mm² for high yield steel & 250 N/mm² for mild steel. (**Lanwa** or equivalent)
- v. Rate shall include for supply, cutting, bending, fabrications & placing in position, holding and supporting including temporary fixing support hangers & 16/20 binding wire ties, stools, spaces and chairs
- vi. Wire brushing & cleaning if necessary or as directed by the Engineer.
- vii. All reinforcement shall be free of dirt, oil, paint or loose rust before fixing in position and shall be brushed with a stiff wire brush if so directed by the Engineer.
- viii. Minimum covering, lap length and anchorage length shall be provided to all reinforcement as standard specification or as shown in drawing.

6.3.9 Aggregate Binding Course (ABC)

Thickness of a compacted layer shall not be exceeded 150 mm and shall be tested for compaction. Minimum degree of compaction shall not be less than 98%. Engineer shall decide whether testing are required or not base on site condition. Before placing ABC, excavated ground surface shall be properly compacted to 95% and tested. All material, machineries and testing procedures shall be complied with Road Development Authority's (RDA's) relevant specifications and appropriate compaction equipment shall be chosen to achieve required compaction. Prior approval shall be taken before delivery the material to site from the Engineer. The compacted quantity is measured.

6.3.10 Repair Works in Steel Angle Iron Frame

- i. All **corroded or decayed sections** shall be **cut, removed, and replaced** with new members or weld buildup, ensuring that **adjacent components are not damaged** during the process.
- ii. Welding work shall be carried out only by professionally qualified welders.
- iii. Surface finishes shall be smooth and suitable for direct painting, without the application of any surface filler or compound.

6.3.11 Repair Works in Steel Platform and Handrail

- i. All **damaged or corroded sections** shall be **cut, removed, and replaced** with new members or weld build up, ensuring that **adjacent components remain intact**.
- ii. Edges, bends, and corners shall be finished smoothly and in compliance with the form and alignment of the existing structural components.
- iii. Surface finishes shall be smooth and suitable for direct painting, without the use of any surface filler or compound.

6.3.12 Exterior coating for corrosion repaired steel structure, pipeline and steel surfaces coating systems -1

The entire area of pipelines including its supports, steel structures and steel surfaces shall be power tool cleaned and painted as per the specifications specified below.

- i. Providing sufficient covering for other surrounding pipelines, attachments, platforms, equipment parts, etc. to prevent damages to them during cleaning and painting.
- ii. Maximum care should be given not to damage any component.
- iii. Power Brush/Tool Cleaning shall be conformed to ISO 8501-1, St. 3 very thorough hand and power tool finish.
- iv. Method of Cleaning
 - a. All surfaces shall be cleaned with high pressure water to remove accumulated debris, dust, and other loose materials.
 - b. Dust, grease, and oil residues shall be removed using suitable solvents or detergents. A high-pressure water jet shall be used where necessary.

- c. After the application of the first coat, the surface shall be cleaned with fresh water and allowed to dry completely before applying the next coats.
- v. Needle scalers shall be used for cleaning areas that are not accessible with other tools, such as flanges and the underside of nuts and bolts.
- vi. Cleaning tools, including needle scalers and cup brushes, shall be non-sparking where necessary, as instructed.
- vii. Access and sufficient time for Engineering Inspection Technicians and Engineers shall be provided after whenever it is required to assess surface abnormalities, thickness measurements, measuring the quality of work and repairs.
- viii. If cleaned area kept uncoated during repairs, area shall be re-cleaned before strip coating to remove corruptions emerged on exposed surfaces.
- ix. The surface shall be dry and free from contamination prior to paint application.
- x. Exterior Coating System Application
 - a. Exterior Coating system shall comply with ISO12944, C5 category with minimum High durability class (7 -15) years of durability.
 - b. 3 to 4 coats shall be applying as per paint manufacturer recommendation as follows.

Primer Coat	Surface Tolerant Epoxy Primer (Coating Thickness 80 µm to 120 µm)
Intermediate Coats	Epoxy (Coating Thickness 60 µm to 90 µm)
Top (Final) Coat	Aliphatic Polyurethane (Coating Thickness 50 µm to 60 µm)
No. of Coats	3 nos.
Minimum Total Dry Film Thickness	240 µm

- xi. There should be contrasting colour shades between each coat.

Final coat colour	a) Petroleum Product Pipelines – Light Gray (RAL 7035) b) Hand Rails – Yellow (RAL 1003)
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- xii. Method of Application method shall be Air Less Spray.

6.3.13 Exterior Coating system for galvanized steel structure, pipeline and steel surfaces coating systems -2

The system shall comply with ISO12944, C5 category with minimum High durability class (7 -15) years of durability

Coating System shall be as follows.

Primer Coat	Universal anticorrosive epoxy primer for galacernizes surfaces (Coating Thickness 60 µm to 80 µm)
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Intermediate Coats (1 coats)	Epoxy
Top (Final) Coat	Aliphatic Polyurethane
No. of Coats	3 nos.
Minimum Total Dry Film Thickness	200 µm

- i. There should be contrasting color shades between each coat.
- ii. The Coating System shall be applied on all localized corroded area of the pipeline and other structural area exterior shall clean by using power tool and painted as per the specification of above Paint System-3.
- iii. Method of Application method shall be Air Less Spray, Air Spray, Roller / Brush
- iv. Method of Cleaning
 - a. All surfaces shall be cleaned with water to remove accumulated debris, dust, and other loose materials.
 - b. Dust, grease, and oil residues shall be removed using suitable solvents or detergents. A high-pressure water jet shall be used where necessary.
 - c. After the application of the first coat, the surface shall be cleaned with fresh water and allowed to dry completely before applying the next coat.
- v. Needle scalers shall be used for cleaning areas that are not accessible with other tools, such as flanges and the underside of nuts and bolts.
- vi. Cleaning tools, including needle scalers and cup brushes, shall be non-sparking where necessary, as instructed.
- vii. Coating System shall be fully resistant to abrasion, UV and adverse weather conditions.
- viii. Coating system durability shall be 7 to 15 years period.

6.3.14 Paint of Cladding Sheets and where Paint System – 1,2 & 3 is not applicable – Paint System - 3

- i. All surfaces shall be cleaned using high-pressure fresh water after removing the chalking coat. This is to eliminate loose particles, deteriorated coatings, and other contaminants.
- ii. All aged or weathered coatings must be adequately roughened using mechanical or hand tools to ensure proper adhesion of the surface-tolerant primer.
- iii. If a cleaned area is left uncoated during repair or maintenance, the area shall be re-cleaned before strip coating to remove any corrosion or contamination that may have developed on exposed surface
- iv. All surfaces must be dry and free from contaminants prior to any paint application. This requirement applies:
 - a. Before applying the **first primer coat** following proper cleaning.
 - b. Before applying the **first intermediate coat** after full primer application.
 - c. Before applying the **first finish coat** after intermediate coat completion.

- v. Loose particles on the surface shall be removed using mechanical or hand tools until the base material is visibly exposed.
- vi. Dust, grease, and oil residues must be removed using suitable solvents or detergents. A high-pressure water jet shall be used where necessary.
- vii. All surface preparation work must be inspected and approved by the **CPSTL Supervisor** before commencing paint application.
- viii. Apply **two coats of approved anti-corrosive metal primer** using either a paint brush or spray gun. The application must be uniform and follow the manufacturer's technical data sheet. Ensure adequate drying time between coats.
- ix. After the primer application is complete and approved:
 - a. Apply **two coats of approved enamel paint** using a brush or spray method.
 - b. Each enamel coat shall be applied evenly, with sufficient drying time between coats.
 - c. Color shade contrast shall be maintained between coats to confirm full coverage and assist in inspection

Note:

- All materials used (primers and enamel paints) shall be approved by CPSTL prior to application.
- Environmental conditions such as temperature, humidity, and surface moisture shall be monitored to ensure suitability for painting.
- Final painted surfaces shall be inspected for adhesion, coverage, and finish quality before acceptance.

6.3.15 Solvents

The required solvents for mixing coatings under Paint Systems 1, and 2 will be provided by CPSTL. However, the contractor shall be responsible for supplying the solvents required for Paint System 4, as well as for cleaning their tools and equipment

6.3.16 Approval for painting

- i. Approval for painting should be obtained from the Inspection Engineer of CPSTL, as follows.
 - ii. Prior to application of first primer coat after satisfactory cleaning of surfaces.
 - iii. Prior to application of first intermediate coat after applying the required thickness of primer.
 - iv. Prior to application of first finish coat after applying the required thickness of intermediate coat.
 - v. Required total DFT indicated in specifications to be applied and the first coat of Paint shall be applied as soon as possible after surface preparation is approved by Inspection Engineer of CPSTL. The preparation of paint before application is to be done as per the instructions stated by Paint Manufacturer.
 - vi. The Inspection Engineer of CPSTL reserves the authority to accept or reject.
 - vii. Prepared surface before painting depending on his observations.
 - viii. Application of paint depends on the preparation of paint and the weather.

- ix. Painting carried out under doubtful weather condition is the responsibility of the contractor. If any painting is found to be unacceptable the particular surfaces shall be made paint free, supply necessary paints and repainted at the contractor's expense.

6.3.17 Removal and Installation of Cladding Sheets

- i. Roofing sheets shall be removed carefully without damaging them using appropriate method and handing over to CPSTL stores.
- ii. All Self Drilling and Tapping bolts shall be removed completely including broken parts retained in the steel sections.
- iii. Corroded and Damaged roofing sheets shall be replaced with brand new Colour Bonded Zn Al coated roofing sheets. Sheets shall not be lapped and single length shall be used. Base metal thickness of the roofing sheet shall not be less than 0.40 millimeters and Total Coated Thickness (TCT) of roofing sheets shall be not less than 0.47 millimeters. Profile of the roofing sheet shall be same profile as existing sheets.
- iv. The roofing sheets shall be transported with protective wrapping of each and every sheet to ensure that not damage due to scratching and scrabbling. An appropriate method shall be used to stack the sheet ensuring that no deformation would occur.
- v. All cutting edges and drilling spots shall be painted to match its original colours. The method of laying and fixing of sheet shall not be damaged nor deformed the sheets.
- vi. After full completion of repair and painting work , cladding sheets shall be installed and secured to the structure using brand new Stainless Steel self-tapping and drilling bolts with rubber washers. Stainless Steel shall be confirmed to SAE Type 304.

6.3.18 PVC coated GI Wire Mesh Fence

Product shall be in compliance with SLS 1148: 2010. The minimum core wire size is 1.9 mm and class of galvanizing is A. The mesh is 40 mm x 40 mm. The end wire shall be knuckled

SECTION 07

BILL OF QUANTITIES

DUPLICATE

PREAMBLE TO THE BILL OF QUANTITIES

GENERAL

1. This Bill of Quantities contains pages numbered from **35** to **40** Tenderers 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, 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 on 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 tenderer 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 Tenderer 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 ²	-	Square metre
kg	-	kilograms
nr	-	Numbers
Rs. Cts.	-	Sri Lankan Rupees and Cents
m ³	-	Cubic metre

CEYLON PETROLEUM STORAGE TERMINALS LIMITED

**JOB REFURBISHMENT OF TANK FARM CONTROL ROOM, MOTOR
:
CONTROL CENTRE AND LOADING PUMPHOUSE AT
MUTHURAJAWELA TERMINAL**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
	<u>Important</u> Contractors are strictly advised to visit the site & follow the given details, sketch drawings, specifications before bidding & before commencing the works. If any discrepancies should be forwarded to the Engineering Manager of CPSTL Kolonnawa before commencement of such works. Construction work to be carried out without damaging existing drains, pipes and other CPSTL property. If some damage occur, contractor should repair by own cost according to the Engineer's or his representative's instructions.				
1	PRELIMINARY WORK				
1A1	Allow provisions for construction of temporary shed for contractor's personnel and storage of material and tools (approximately area 15 m ²) as per the satisfaction of Engineer. Rate shall include for maintenance and removal of all temporary facilities after completion of project as directed by Engineer.	Item	1		
1A2	Keeping the site clean and tidy during construction period. Debris and unusable materials shall be removed from the Terminal premises and disposed of at an approved off-site location. Usable items shall be handed over to CPSTL Store.	Item	1		
1A3	Allow provisions for necessary safety measures	Item	1		
	Total Amount carried to summary				
2	Tank Farm Control Room				
2A	Painting Work				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
2A1	<u>Interior Wall</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coats of approved interior paint. (Dulux or equivalent)	m ²	440		
2A2	<u>Exterior Wall</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coat of approved weather shield paint. (Dulux or equivalent)	m ²	240		
2A3	<u>Epoxy Floor Paint</u> Surface preparation, remove any peeling or degraded paint by sanding or using a paint stripper and use high pressure water jet to, thoroughly clean the surface with a strong detergent and then, lightly sand to remove gloss, if any, patching up cracks and defects with suitable crack sealer and applying of two coats of approved type two component Epoxy Floor Paint, (Nippon or equivalent)	m ²	100		
2A4	<u>Exterior slab soffits and beams</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coat of approved interior wall paint. (Dulux or equivalent)	m ²	100		
2A5	<u>Interior Ceiling/Slab Soffit</u> Removing and Cleaning of ceiling panel, Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coat of approved weather shield paint. (Dulux or equivalent)	m ²	275		
2B	Doors and Windows Repair				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
2B1	<u>Safety windows</u> Replacing of existing broken wired glass with 8 mm (or suitable thickness to match with existing frame) fire rated safety glass. Rate shall include supplying necessary beading, sealant etc. Approximate size 1500 mm X 1500 mm	EA	2		
2B2	<u>Safety windows</u> Replacing of existing broken wired glass with 8 mm (or suitable thickness to match with existing frame) fire rated safety glass. Rate shall include supplying necessary beading, sealant etc. Approximate size 1500 mm X 1200 mm	EA	2		
2B3	<u>Safety windows</u> Replacing of existing broken wired glass with 8 mm (or suitable thickness to match with existing frame) fire rated safety glass. Rate shall include supplying necessary beading, sealant etc. Approximate size 1200 mm X 800 mm	EA	1		
	<u>Note:</u> Note: Repairing of Aluminum Door. Rate shall include to supply and installation of Door handles, Hingers, Weather stripes/rubber beadings, sealing the gaps with silicon and locks where necessary. All accessories shall be best in quality and prior approval shall be taken for the installation.				
2B4	Repairing of Door - M1/M3 Approximate Size 1500 mm X 2400 mm	EA	2		
2B5	Repairing of Door - MC1 Approximate Size 2350 mm X 950 mm	EA	3		
2B6	Repairing of Door - M4 Approximate Size 1000 mm X 2400 mm	EA	1		
2B7	Supply and Installation of Approved Type Door Closer (Union/New Star)	EA	1		
	<u>Note:</u> Repairing of Aluminum Casement Windows. Rate shall include to supply installation of Approved Type Window Friction Stays handles, weather stripes/rubber beadings, sealing the gaps with silicon. All accessories shall be best in				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
	quality and prior approval shall be taken for the installation.				
2B8	Repairing of Window - C-1 Approximate Size 1500 mm X 1500 mm	EA	3		
2B9	Repairing of Window - C-2 Approximate Size 1500 mm X 1200 mm	EA	2		
2B10	Supply and fixing of windows blinds for Windows	m ²	15		
2C	<u>Renovation of Washroom</u>				
2C1	Replacement of Close Couple Water Closet, wash basin with all required accessories	EA	1		
2C2	Replacement of pedestal type wash basin will all necessary accessories	EA	1		
2C3	Supply and installation of angle valves	EA	3		
2C4	Supply and installation bathing shower, soap holder, tower holder, High quality mirror, grating. All accessories shall be high quality stainless steel and pre-approved aby the Engineer.	EA	1		
2C5	Supply and Installation of Shower Cubical with uPVC Eco Board (9 mm). 900 mm X 900 mm X 1800 mm size (Three Sides with Door). Rate shall include to provide door with 750 mm x 1800 mm, lock handle. Accessories shall be stainless steel or corrosive resistance.	EA	1		
2D	<u>Miscellaneous</u>				
2D1	<u>Access Foor System</u> Filling the gap between floor panel in a removable manner using PVC/PU strip or suitable/market available material as instructed by the Engineer. Rate shall include alignment of panel and adjust the level differences where necessary	EA	1		
2D2	Refurbishment of surface of panel with heavy duty vinyl flooring, (anti-slip, water proof and fire retardant) 2 mm thick with 0.5 mm wearing layer. The product shall be supplied by industrial Reputed Supplier.	M2	75		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
2D3	Demolition of reinforced Concrete	M3	1		
2D4	Demolition of Brick walls/Mass concrete	M2	0.5		
2D5	100 mm thick Cement Block work	M2	6		
2D6	15 mm thick cement Sand Plastering (1:5)	M2	12		
2D7	Supply and fixing of 48" ceiling fan (KDK original or equivalent) to existing Fan point	EA	2		
2D8	Supplying & fixing Aluminum powder coated framed glazed Single hung door (Approx.size.900mmx2100 mm,). Rate shall include for approved type door closer, hinges, locks, handles, gasket etc.& necessary masonry repairs with paint touch up for good finish as directed.	EA	3		
2D9	Removal and Refixing of available Aluminum door and refixing Approx. Size 2100 x 900 mm. Rate shall include for necessary masonry repairs with paint touch up for good finish as directed.	EA	2		
2D10	Removal of existing Partition and Re-fixing the same	M2	15		
2D11	76 x 1.2 mm thick powder coated (Black) aluminum partition frame, paneled two portions, top portion is paneled with aluminum composite panel of total thickness 4mm, with both sides Polyester coated aluminum sheets of 0.2 mm thick, up to 900mm height and bottom portion is paneled with aluminum composite panel of total thickness 4mm with 2 nos. of Polyester coated aluminum sheets of 0.2 mm thick composite up to 1200 mm height, completed with board joints taped with necessary pop rivets, gasket & etc. and work complete in order	M2	10		
2D12	Supply and fixing of uPVC down pipes (110 mm Dia. Type 600) with exiting size). Rate shall include suppling of necessary brackets, supports, joint sockets bend and Running heads.	m	20		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
2D13	Fixing of uPVC down pipes (110 mm Dia. Type 600) with exiting size). Rate shall include suppling of necessary brackets, supports, joint sockets, bends and Running heads	m	10		
2D14	Supplying & installing of suspended cement fiber ceiling in 600mm x 600 grid size reveal / bevel type using hot dipped GI pre - engineered inter - locking main tees (32mm x 24mm) and cross tees (25mm x 24mm) and wall angles expose areas finished with white baked enamel finish and suspended on 4mm dia. adjustable hanger rods with spring clips. Ceiling panel of 600mm x 600mm x 4.5mm (thickness) and complete to working order as per manufacture's specifications.	m ²	8		
2D15	Relocation of Air Condition Machine from Laboratory to Gauge Staff room. Rate shall include Gas up and Down, Mounting of Both indoor and out door unit with all necessary piping and cabling.	EA	1		
	Total Amount carried to summary				
3	Motor Control Centre				
3A	Painting Work				
3A1	<u>Interior Wall</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coats of approved interior paint. (Dulux or equivalent)	m ²	160		
3A2	<u>Exterior Wall</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coat of approved weather shield paint. (Dulux or equivalent)	m ²	160		
3A3	<u>Epoxy Floor Paint – Floor and Skirting Surface</u> preparation, remove any peeling or degraded paint by sanding or using a paint stripper and use high pressure water jet to, thoroughly clean the surface with a strong	m ²	70		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
	detergent and then, lightly sand to remove gloss, if any, patching up cracks and defects with suitable crack sealer and applying of two coats of approved type two component Epoxy Floor Paint, (Nippon or equivalent)				
3A4	Painting of steel Checkered plate of cable trench with as per the paint system 1 <u>Paint will be supplied by CPSTL</u>	m ²	20		
3A5	<u>Exterior slab soffits and beams</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coat of approved interior wall paint. (Dulux or equivalent)	m ²	35		
3A6	<u>Interior slab soffits and beams</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coat of approved interior wall paint. (Dulux or equivalent)	m ²	110		
3B					
	Note: Repairing of Aluminum Door. Rate shall include to supply and installation of Door handles, Hingers, Weather stripes/rubber beadings, sealing the gaps with silicon and locks where necessary. All accessories shall be best in quality and prior approval shall be taken for the installation.				
3B1	Minor Repairing of Door. Approximate Size 1550 mm X 2700 mm	EA	2		
3B2	Supply and Installation of Approved Type Door Closer (Union/New Star)	EA	1		
	Note: Repairing of Aluminum Casement Windows. Rate shall include to supply installation of Approved Type Window Friction Stays handles, weather stripes/rubber beadings, sealing the gaps with silicon where necessary. All accessories shall be best in quality and prior approval shall be taken for the installation.				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
3B3	Repairing of Window - C-1 Approximate Size 1500 mm X 1800 mm	EA	4		
3B4	Repairing of Window - C-2 Approximate Size 1500 mm X 2400 mm	EA	2		
3C	Miscellaneous				
3C1	Supply and fixing of uPVC down pipes (110 mm Dia. Type 600) with exiting size). Rate shall include suppling of necessary brackets, supports, joint sockets, bends and Running heads	m	8		
	Total Amount carried to summary				
4	Loading Pump House Painting				
4A	Masonry Repair Work 102,000.00				
4A1	Demolition of Mass concrete not more than 250 mm thickness	m ³	2		
4A2	Chipping and removing of loosen particle in corroded area, cleaning of reinforcement, applying of approved type of bonding agent and rectification with polymer modified cementitious material. The average depth is about 75 mm	m ²	4		
4A3	Supply and placing of grade 20 Concrete in drain and floors	m ³	2		
4A4	Supply and placing of Chip Concrete (1:2:4) in drain and floors	m ³	2		
4A5	Smooth Formwork	m ²	25		
4A6	Plastering with 1:5 Cement Sand Mortar	m ²	25		
4A7	Rectification of reveals/edges with 1:3 Cement sand mortar. Approved type of Bonding Agent shall be applied after removing of all loosen particles. Approximate width is about 100 mm .	m	100		
4B	Painting Work – Masonry Structure				
4B1	<u>Interior Wall</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall	m ²	200		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
	filler and applying of two coats of approved interior paint. (Dulux or equivalent)				
4B2	<u>Exterior Wall</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coat of approved weather shield paint. (Dulux or equivalent)	m ²	300		
4B3	<u>Epoxy Floor Paint – Floor, Skirting and Pump Bed</u> Surface preparation, remove any peeling or degraded paint by sanding or using a paint stripper and use high pressure water jet to, thoroughly clean the surface with a strong detergent and then, lightly sand to remove gloss, if any, patching up cracks and defects with suitable crack sealer and applying of two coats of approved type two component Epoxy Floor Paint, (Nippon or equivalent)	m ²	300		
4B4	<u>Exterior slab soffits and beams</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coat of approved weather shield paint. (Dulux or equivalent)	m ²	90		
4B5	<u>Interior slab soffits and beams</u> Surface preparation, removing of old painting layers in surface, patching up cracks and defects with acrylic wall putty, sand papering, applying of one coat of acrylic wall filler and applying of two coat of approved weather shield paint. (Dulux or equivalent)	m ²	280		
4C	Repairing of Steel Structure				
4C1	Repairing/Replacement of corroded sections/joins in the Cladding frame and Wiremesh frame. <u>Material for the replacement will be supplied by CPSTL</u>	m	40		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
4C2	Fabrication of 32 mm Dia. Heavy Duty (2.3 mm) GI pipe to replace corroded section in the hand rail Pipes. <u>GI pipe will be supplied by CPSTL</u>	m	6		
4C3	Fabrication of 6 mm thick MS steel plate to replace corroded section in platform. <u>Steel plate will be supplied by CPSTL</u>	m ²	5		
4D	Painting Work – Steel Surfaces				
4D1	Minor repair and painting of steel door with Paint System 1. <u>Paint will be supplied by CPSTL</u>	EA	3		
4D2	Painting of steel Checkered plate and L-angle resting support of cable trench with as per the paint system 1 <u>Paint will be supplied by CPSTL</u>	m ²	120		
4D3	Repairing and painting of Steel stair case hand rail, platform with coating system 1. <u>Paint will be supplied by CPSTL</u>	m ²	150		
4D4	Painting of H-iron section/crane girder and chain block with paint system 1. <u>Paint will be supplied by CPSTL</u>	m ²	40		
4D5	Pipelines, bracket, pipe support and pump and pump bases with paint system 1. <u>Paint will be supplied by CPSTL</u>	m ²	230		
4D6	Painting of Angle Iron frame of cladding sheet and wire mesh. Angle iron size (50 x 6 mm) with pain system 1 <u>Paint will be supplied by CPSTL</u>	m ²	100		
4D7	Painting of Fire Sprinkle piping system with paint system 2. <u>Paint will be supplied by CPSTL</u>	m ²	35		
4D8	Painting of Electric Conduits with paint system 2 <u>Paint will be supplied by CPSTL</u>	m ²	12		
4E	Cladding and Wire Mesh				
4E1	Replacing of existing wire mesh with Gauge 12 PVC coated Hot Dipped GI mesh. (Core wire Dia. 1.9 mm and with PVC coating 2.65 mm). Rate shall include necessary fasteners, screws nut & bolt. All accessories shall be stainless Steel or Galvanized.	m ²	150		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
4E2	Supply of aluminum extrusion (PT 5153) and fixing the mesh using Pop revert or corrosive-resistance screws	m	280		
4E3	Painting cladding sheets and other hanging accessories with paint system - 3	m ²	320		
4F	Miscellaneous				
4F1	Supply and fixing of uPVC down pipes (110 mm Dia. Type 600) with exiting size). Rate shall include supplying of necessary brackets, supports, joint sockets, bends and Running heads	m	10		
4F2	Fixing of uPVC down pipes (110 mm Dia. Type 600) with exiting size). Rate shall include supplying of necessary brackets, supports, joint sockets, bends and Running heads	m	10		
4F3	Replacement of corroded cladding sheet match with the existing Cladding. Supply & fixing of Zn / Al color bonded 0.47 mm thick cladding sheet on existing framework stainless steel self-tapping screws with EPDM washer (15 mm diameter with 1 mm thickness) as directed by the Engineer.	m ²	5		
	Total Amount carried to summary				

SUMMARY

1	Preliminary Work	=	.....
2	Tank Farm Control Room	=	.....
3	Motor Control Centre	=	.....
4	Loading Pump House	=	.....
	Sub Total - 1	=	.....
	Less Any Discount	=	.....
	Add SSCL (If Applicable)	=	.....
	Sub Total - 2	=	.....
	Add VAT (If Applicable)	=	.....
	Grand Total	=	.....

DAY WORK SCHEDULE**LABOUR**

The contractor shall state 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	Mason	
II	Carpenter	
III	Painter	
IV	Plumber	
V	Electrician	
VI	Welder	
VII	Unskilled Worker	
	<u>Any Other Grades</u>	
VIII		

PLANT & EQUIPMENT

The contractor shall state 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	Welding Plant	
II	Concrete Breaker 1000 W	
III	Angle Grinder 4 ½ "	
VI		

SECTION 08

STANDARD FORMS (BID)

DUPLICATE

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: 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 theof *[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]

CHECK LIST FOR BIDDERS

DUPLICATE

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 Security			
Address to the Employer?	16		
Format as required?	16		
Issuing Agency as specified?	16		
Amount 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		