

CEYLON PETROLEUM STORAGE TERMINALS LIMITED

BIDDING DOCUMENT

NATIONAL COMPETITIVE BIDDING

FOR

**REPAIRS TO TANK NO 46
AT
MUTHURAJAWELA TERMINAL
KPR/52/2025**

Employer:

Ceylon Petroleum Storage Terminals Limited,
Oil Installation,
Kolonnawa.

Engineer:

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

Issued to :.....

Issued by :.....

Date :.....

August 2025

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VOLUME - 01

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

DUPLICATE

SECTION - 1

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/01, Second Edition ,January 2007, published by Construction Industry Development Authority (CIDA), “Savsiripaya”, 123, Wijerama Mawatha, Colombo 07.

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 – 2
STANDARD FORMS (CONTRACT)

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

DUPLICATE

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: -----

STANDARD FORM : AGREEMENT

This AGREEMENT, made the -----[day] day of -----[month] 20----- [year] between -----[name and address of Employer] (hereinafter called "the Employer") of the one part, and -----[name and address of Contractor] (hereinafter called "the Contractor") of the other part.

WHEREAS the Employer desires that the Contractor execute -----[name and identification number of Contract] (hereinafter called "the Works") and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, 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 execution and completion of the Works and the remedying of defects wherein 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 thereto have caused this Agreement to be executed the day and year aforementioned in accordance with laws of Sri Lanka.

.....
Authorized signature of Contractor
Employer

.....
Authorized signature of

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 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

.....
.....
(Name and Address of Agency, 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 issuing 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 – 3

CONDITIONS OF CONTRACT

Condition of Contract that will be applicable for this Contract is that given in Section III of the Standard Bidding Document for Procurement of Works “ICTAD PUBLICATION NO. – ICTAD/SBD/01” Second Edition January 2007 published by Construction Industry Development Authority (CIDA), “Savsiripaya”, 123, Wijerama Mawatha, Colombo 07.

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

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

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)

INVITATION FOR BIDS (IFB)
CEYLON PETROLEUM STORAGE TERMINALS LIMITED
REPAIRS TO TANK NO - 46 AT MUTHURAJAWELA TERMINAL
CONTRACT NO: KPR/52/2025

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 **Repairs to Tank No. -46 at Muthurajawela Terminal** as described below.

The works consists of damaged top angle, periphery edge of roof plate, free flanges of free vent and dip hatch and replacing reinforcement pads of crown handrail posts, including all other minor repairs followed by tank interior and exterior painting. Said modification works are to be carried out on fixed roof welded steel vertical storage tanks.

Intended Completion Date for the whole of work shall be 90 calendar days from the site handing over date.

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

a. CIDA registration

Specialty	Grade
Heavy Steel Fabrications	EM 4 or above

b. Experience

Experience in carrying out 2 projects within last 5 years period on Tank Repair (Similar or large capacity), blast cleaning & painting (two component epoxy paints) in large steel structures. *(Attach copies of Certificate of Completion etc. and other documents such as profit-loss and income expenditure statement)*

c. Schedule of Key Personnel

- i. Engineering - One Mechanical Engineer with B.Sc. (Eng) or equivalent with more than 2 years' experience and who is conversant with API Standard 650, 653 and other relevant standards and codes.
- ii. Supervisory – One Technical Officer with NVQ level 5 or equivalent with more than 4-year experience in similar works. Experience in carrying out Tank Repair, Blast cleaning & painting large steel structures in similar capacity with two component epoxy paints within the last 4 years
(proofs shall be provided) should be assigned to the project full time basis on site during tank erection.

- d. Average annual volume of construction work performed in last five years shall be at least Rs.114,000,000.00 (Rupees One Hundred Fourteen Million).
- e. Required amount of line of credit shall be at least Rs.19,000,000.00 (Rupees Nineteen Million).
1. Interested bidders may obtain further information from the Manager Procurement of the Ceylon

Petroleum Storage Terminals Limited, (Tele Phone+94 112572156, 572155 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 the CPSTL website; www.cpstl.lk

2. 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:

1. **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 **13.10.2025 and 27.10.2025**, 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 6,500.00**. 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.

2. **By Email Request:**

Making a cash payment of the non-refundable fee of LKR 6,500.00 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 **13.10.2025 and 27.10.2025**, 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/52/2025]) 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

3. A pre-bid meeting will be held at 1000 hrs. on **21.10.2025** at Muthurajawela Terminal
4. 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, 1st floor, New Administration 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 **28.10.2025**.
5. 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 tenders@cpstl.lk to reach on or before 1400 hrs. on **28.10.2025** 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 / original draft** must be sent or hand-delivered to the above address by 1400 hrs. on **28.10.2025**.
 - 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. Emails should be sent well in advance to allow CPSTL sufficient time to print and deliver the bids to the bid opening table on time.
 - viii. The original bid 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.
6. Bid will be closed at 1400 hrs **28.10.2025** 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.
 7. Bids shall be valid up to **13.01.2026** from the date of opening of bid.
 8. All bids shall be accompanied by a Bid Security of Rs. 185,000.00 (Rupees One Hundred & Eighty-Five Thousand). Bid Security shall be valid up to 10.02.2026 from the deadline for Bid Submission
 9. Public contract registration
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 tenderer is the same party he must be registered prior to award of the tender.

The address referred to above is

The Chairman, Department Procurement Committee,
C/o Manager Procurement,
Ceylon Petroleum Storage Terminals Limited,
Procurement Function, New Building,
Oil Installation, Kolonnawa, Wellampitiya,
Sri Lanka.
Postal Code 10600
Telephone :+94 11 2572155, +94 11 2572156
Facimile :+94112074299
E-mail : procure@cpstl.lk

SECTION – 4

- ❖ ***FORM OF BID***
- ❖ ***QUALIFICATION INFORMATION***

FORM OF BID

Name of Contract: **REPAIRS TO TANK NO -46 AT MUTHURAJAWELA
TERMINAL**

To: **The Chairman, Department Procurement Committee,
C/O Manager Procurement,
Ceylon Petroleum Storage Terminals Limited,
Procurement Function, New Building,
Oil Installation, Kolonnawa, Wellampitiya.**

Gentleman,

1. Having examined the Standard Bidding Document – Procurement of Works (ICTAD/SBD/01 – Second Edition – January 2007), 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 defects therein in conformity with the aforesaid Conditions of Contract, Specification, Drawings, Bill of Quantities and addenda for the sum of Sri Lankan Rupees.....
.....(LKR) or such other sums as may be ascertained in accordance with the said Conditions.
2. We/I acknowledge that the schedule forms part of our Bid.
3. We/I undertake, if our Bid is accepted, to commence the Works as stipulated in the Contract Data, and to complete the whole of the Works comprised in the contract within the time stated in the Contract Data.
4. We/I agree to abide by this bid for the period stated in the Sub-Clause 15 of Instructions 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 accept/ we do not accept the Adjudicator.
7. We/I understand that you are not bound to accept the lowest or any Bid you may receive.

Dated thisday of 2025 in the capacity of

..... duly authorized to sign tenders for and on
behalf of

(IN BLOCK CAPITALS)

Signature :

Name :

Designation:

Address :

.....

Witness :

Qualification Information

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

CIDA (ICTAD) Registration		
Registration number	(Attach copies of relevant pages from the registration book)	
Grade: EM4 or above		
Specialty: Heavy Steel fabrications		
Expiry Date		
Blacklisted Contractors		
Have you been declared as a defaulted contractor by NPA or any other Agency?		
IF yes provide details		
VAT Registration Number		
.....		
Construction Program		
(Attach as annex in the form of bar chart)		
Method Statement		
(Attach as annex)		
Legal status		
(Attach relevant status copies, as annex)		
Value of Construction works performed in last 5 years		
(Attach copies of Certificate of Completion etc. and other documents such as profit-loss and income expenditure statement)		
Year	LKR	
Year	LKR	
Year	LKR	
Year	LKR	
Year	LKR	
The minimum amount of liquid assets and/or credit facilities net of other contractual commitments and exclusive of any advance payments which may be made under the contract shall be not less than LKR. 5,000,000.00.		
LKR		
Value of similar works completed in last 10 years (indicate only the three largest projects)		
1. Value Year		
2. Value Year		
3. Value Year		
(attach copies of Certificate of Completion etc., as annex)		
Major items of construction equipment proposed		
1. Type Capacity		
2. Type..... Capacity		
3. Type..... Capacity		
4. Type Capacity		
5. Type..... Capacity		
Qualification and experience of key staff – Site & Head Office (Permanent, Contract basis & Consultants)		
Technical		Availability
1. Mechanical Engineer		(Yes/No)
2. Supervisor (Mech)		(Yes/No)

SECTION 5

❖ *BIDDING DATA & CONTRACT DATA*

Bidding Data

Instructions to Bidders Clause Reference

- (1.1) The Employer is
Name: Ceylon Petroleum Storage Terminals Limited

Address: Oil Installation,
Kolonnawa.
Wellampitiya.

“Repairs to Tank No - 46 at Muthurajawela Terminal”

The scope of work of the contractor is defined in general and shall include the following, but not limited to the same. The bidder shall also carry out all the related work that are not listed in this document, but required for completion of the entire work as specified in this Bidding Document.

Tank No 46

The works consists of replacing damaged top angle, periphery edge of roof plate, free flanges of free vent and dip hatch and replacing reinforcement pads of crown handrail posts, all other minor repairs followed by tank interior and exterior painting. Said modification works are to be carried out on fixed roof welded steel vertical storage tank of diameter 8.6 m and height 10.66 m. Stored product is slop oil.

Located at : Area 100, Oil Installation CPSTL, Muthurajawela

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

- (1.3) The office for collection of bid forms is
Manager Procurement,
Ceylon Petroleum Storage Terminals Limited,
Procurement Function, New Building,
Oil Installation, Kolonnawa, Wellampitiya,
Sri Lanka.

The non-refundable fee is Rupees **6,500.00**

The Bid forms will be issued **from 13.10.2025 up to 27.10.2025** during office days from 09.00 hrs to 14.00 hrs

- (2.1) The source of funds is Ceylon Petroleum Storage Terminals Limited (CPSTL)

- (4.2) The registration required
CIDA registration required

Specialty	Grade
Heavy Steel fabrications	EM 4 or above

(4.3) The following information shall be provided in Section 4:

- * CIDA Registration;
 - Registration number
 - Grade
 - Specialty
 - Expiry Date
- * VAT Registration number
- * Construction Programme
- * Legal Status (Sole proprietor, Partnership, joint venture, Company etc.)
- * Total monetary value of construction work performed for each of the last five years;
- * Experience in works of a similar nature and size for each of the last 5 years;
- * Major items of construction equipment proposed to carry out the Contract;
- * Qualifications and experience of key site management and technical personnel proposed for the Contract;
- * Any other.

- (4.4)**
- * Average annual volume of construction work performed in last five years shall be at least Rs.114,000,000.00 (Rupees One Hundred Fourteen Million).
 - * The bidder should have completed at least 02 projects as the main contractor with similar nature and complexity during last 5 years.
 - * Following technical and managerial staff:
 - A Site Engineer with BSc. (Eng.) (Mechanical) or equivalent with minimum 02 years experience, one Technical officer - NDT (Mechanical) or equivalent with more than 04 years' experience in similar works should be assigned to the project. This is the minimum requirement and the successful bidder shall assign all other necessary staff to enable compliance with all other contractual stipulations.
 - * The minimum amount of liquid assets and /or credit facilities net of other contractual commitments and exclusive of any advance payments which may be made under the contract shall be not less than Rs.19,000,000.00 (Rupees Nineteen Million).

(7.1) Prior to submitting a bid, bidders shall familiarize themselves and shall be deemed to have done so. The bidders shall inform Engineering Manager, Engineering Function, Oil Installation, CPSTL, Kolonnawa (Tel. +94-11-2572214, Fax No. 0094-11-2531328) 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.

The bidders are advised to limit the number of persons, for the visit, due to the security reasons, at the Muthurajawela Terminal. 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.

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

Name: Manager Procurement

Address: Ceylon Petroleum Storage Terminals Limited,
Procurement Function, New Building,
Oil Installation, Kolonnawa, Wellampitiya,
Sri Lanka.

Telephone: 011 2572155 / 011 2572156

Fax: 0112074299

Email: procure@cpstl.lk

(11.1) The language of the bidding document shall be English.

(12.0) Any Deviation from the scope of work, specifications, drawings, bill of quantities and addenda in the bidding document shall be clearly mentioned in the Bid. Otherwise, the Employer shall proceed with evaluation assuming that the Bidder is adhering to all requirements in the Bidding Document.

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

(13.4) The Contract is **not subjected** to price adjustment in accordance with Clause 47 of the Conditions of Contract.

(14.1) Not Applicable

(15.1) The Bid shall be valid up to **13.01.2026** days from the date of closing of bids.

(16.1) Bid shall include a Bid Security using the form included in Section 9.

(16.2) Bid Security shall be:

- for an amount Rs. 185,000. 00 (Rupees One Hundred & Eighty-Five Thousand)
- Valid until **10.02.2026** from the deadline for Bid
- Securities and Guarantees shall be on demand guarantees issued by a commercial bank operating in Sri Lanka with the authority of a license issued by the Monetary Board (Central Bank of Sri Lanka).
- 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 / original draft must be sent or hand-delivered to the above address by 1400 hrs. on 28.10.2025.

- (17.0) Pre-Bid meeting
Venue: Muthurajawela Petroleum Terminal
Ceylon Petroleum Storage Terminals Limited
Hendala, Wattala
- Date: **21.10.2025**
Time: **1000 a.m.**
- (19.2) a The Employer's address for the purpose of Bid submission is
**The Chairman, Department Procurement Committee (Minor),
C/O Manager Procurement,
Ceylon Petroleum Storage Terminals Limited,
Procurement Function, New Building,
Oil Installation, Kolonnawa,
Wellampitiya.**
- (19.2) b Contract name:
Repair to Tank No -46 at Muthurajawela Terminal
Contract no. **KPR/52/2025**
- (20.1) The deadline for submission of Bids shall be 14.00 hrs on
28.10.2025
- (28.1) Not applicable
- (30.0) Deleted
- (31.1) After evaluation of Bids in accordance with the procedures described under Clauses 25, 26, 27, 28, 29 and 30, the Employer will inform to all the bidders in writing the selection of the successful bidder and the intention of contract award to such bidder. The unsuccessful bidders if they so to wish, within one week of such notice may make representation to the Chairman to the CPSTL at the address given below. Such representation shall be self-contained to enable the Chairman to arrive at a conclusion and a cash deposit to amount given below shall be made. The Employer may request the bidder who had made representation to submit further evidence during the investigation of such representation. The cash deposit will be forfeited unless the Employer change the original contract award decision in favour of the bidder who made such representation.
Address:
Department Procurement Appeal Committee (DPAC) for DPC (Minor)
Old Administration Building, Oil Installation, Kolonnawa, Wellampitiya
- (34.0) Cash Deposit: Rupees 10,000/=
- The amount of Performance Security is 5% of the Initial Contract Price.

(36.0) 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). 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.

Contract Data

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

(1.1)

The Employer is

Name: Ceylon Petroleum Storage Terminals Limited

Address: Oil Installation,
Kolonnawa,
Wellampitiya.

Employers Representative

Name: Manager Procurement

Address: Ceylon Petroleum Storage Terminals Limited,
Procurement Function, New Building,
Oil Installation, Kolonnawa, Wellampitiya,
Sri Lanka.

(1.1)

The Engineer is

Name: Engineering Manager

Address: Engineering Function,
Ceylon Petroleum Storage Terminals Limited,
Oil Installation,
Kolonnawa

(1.1)

The scope of work of the contractor is defined in general and shall include the following, but not limited to the same. The bidder shall also carry out all the related work that are not listed in this document, but required for completion of the entire work as specified in this Bidding Document.

- (i) The works consists of removing damaged top angle, periphery edge of roof plate, free flanges of free vent and dip hatch and replacing reinforcement pads of crown handrail posts, removing existing decayed self-sacrificial anodes on bottom plate inside, all other minor repairs followed by tank interior and exterior painting. Said modification works are to be carried out on fixed roof welded steel vertical storage tank. Last stored product is slop oil. The period of contract shall be 90 calendar days.
- (ii) The Contractor shall procure of all material, equipment, machinery, tools, consumables etc. necessary for completion of above works. Loading, handling and transportation of all materials from supply point / store at work site / Contractor's store as per the requirement of the job shall be done by contractor.

- (iii) The Contractor shall also carry out the jobs that are not specifically mentioned in this Bidding Document but required for successful completion of the job in all respects as per the standards, drawings and codes.
- (iv) Submission of soft copies and hard copies of, as built drawings, reports and required documents in English language as directed by the Engineer. Drawings to be submitted in AutoCAD (dwg) format.

(1.1) The Site is located at Muthurajawela Terminal.

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

(8.1) Schedule of other contractors: None

(9.1) Schedule of Key Personnel:

Minimum persons with qualifications and experience to be defined,
(a) Technical

Designation	Qualification	Experience
Engineer	BSc. (Eng.) (Mechanical)	02 years
Technical Officer	NDT (Mech) or equivalent	04 years

(13.1) The minimum insurance covers shall be:

- (a) The minimum cover for insurance of the Works and of Plant and Materials is 110% of initial Contact Price
The maximum deductible for insurance of the Works and of Plant and Materials is 5% of initial contract Price
- (b) The cover for loss or damage to Equipment is Contractor's responsibility.
- (c) Insurance cover to the amount of Rs. 20,000,000.00 for the entire period of work for the loss or damage to the properties of CPSTL within the Muthurajawela Terminal before commencing the execution of the work.
- (d) The minimum cover for personal injury or death, for third party and employees of the Employer and other persons engaged by the Employer in the Works is Rs. 1,000,000.00 per person, per event.

(13.2) (a) A copy of insurance policy for the workmen of the contractor and other employees of the contractor as per the Workmen Compensation Act shall be forwarded to CPSTL prior to commencement of the work

(17.1) The Intended Completion Date for the whole of Works shall be **90 Calendar days** from the Date of Commencement of Works.

Working Hours

- i. Normal working hours of CPSTL from Monday to Friday is from 0730 hrs. to 1645 hrs.
- ii. In the work programme Saturday also can be considered as a working

day and from Monday to Friday up to 1800 hrs also can be considered as a working hour by the contractor. But to work on Saturday and up to 1800 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 1800 hrs. on working days will not be permitted.
- iv. 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.

(19.1)

Special Safety Conditions

- i. Fire blanket are to be laid before starting hot work at site where ever required.
- ii. 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.
- 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, Kolonnawa 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 Oil Installation, Kolonnawa is security restricted area and all contractor's 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 Oil Installation, Kolonnawa. Those who possess valid police clearance are eligible to obtain gate passes. Safety clearances to be obtained before enter to the tank farm.
- vi. 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.

- vii. Contractor shall be adhered to Covid-19 health guideline stipulated by Ministry of Health.

(21.1) The Site Possession Date shall be **14 Days** from Letter of Acceptance

(27.1) The Contractor shall submit a programme for the Works within **14 Days** of delivery of the Letter of Acceptance.

(27.3) The Programme will be updated **Monthly**.

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.

(27.4) 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.

The amount to be withheld for late submission of a Programme is an additional retention of 5% of the immediate claim

(35.1) The Defects Liability Period is **365** Calendar Days.

(39.2) Not applicable.

(46.1) All Payments shall be made in Sri Lanka Rupees.

(47.1) The Contract Price is **not subjected** to price adjustment

(48.1) The retention from each payment shall be **10%** percent of the certified work done.

The limit of retention shall be **5%** percent of the Initial Contract Price.

(49.1) The liquidated damages for the whole of the Works shall be **0.25% of Initial Contract Price per Day**.

(50.1) The maximum amount of liquidated damages for the whole of the Works shall be **10%** of the Initial Contract Price.

(52.1) The amount of Performance Security is **5 %** of the Initial Contract Price.
The Performance Security shall be valid until 28 days beyond the completion date of Defects Notification Period.

Performance Security acceptable to the Employer according to the given

format in the bidding document shall be an unconditional on demand bank guarantee obtained from a commercial bank operating in Sri Lanka and approved by the Central bank of Sri Lanka.

- (58.1) Schedule of operating and maintenance manuals.
- (60.1) The percentage to apply to the value of the work not completed, representing the Employer's additional cost for completing the Works, is **25% of the value of not completed work.**
- (63.7) The attendance fee payable to the Contractor on nominated sub-contract work shall not exceed 8%.

SECTION 6

❖ SPECIFICATIONS

SPECIFICATION

The works under this contract shall be executed in accordance with the Specifications given in the following documents and in accordance with the particular specifications of the contract.

<u>Publication No.</u>	<u>Description</u>
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 Construction Industry Development Authority (CIDA), "Savsiripaya", 123, Wijerama Mawatha, Colombo 07.

6.1 Scope of Supply by CPSTL

6.1.1 Tank Details

Tank Identification	: TK-46
Tank Capacity	: 500 m ³
Tank Diameter	: 8.6 m
Tank Height	: 10.66 m
Type of the Tank	: Self Supported Doomed Roof, welded, Atmospheric, Steel Vertical Storage tank Tank
Status	: Gas Free State without product
Use	: Slop oil of Low Sulphur Fuel Oil

6.1.2 Construction Utilities

6.1.2.1 Electricity and drinking water that would be supplied to the contractor to undertake this work would be charged from the contractor as per meter estimate. The prospective contractor is required to indicate his requirements of power from the CPSTL in his offer for evaluation purposes.

6.1.2.2 The maximum available electrical power supply available to the contractor is 45kVA, 400V AC, 4 wire (TPN), 50Hz and will be subjected to following 05 conditions.

- i. Electrical power supply will be provided by CPSTL on the request of the Contractor and charge according to the applicable tariff system, or the Contractor shall have to arrange his own power source.
- ii. The Electrical Section of CPSTL will provide terminating point to feeding cables through a suitable circuit isolating and interrupting devices such as a circuit breaker or a switch fuse at convenient location, within 150 m from the tank shell. This switch gears will remain the property of CPSTL and contractor has no access to it.
- iii. The maximum load that the CPSTL electrical section can feed will be 63A, 3 Phases.
- iv. Power supply will be energized after inspection by the Electrical Engineer of CPSTL provided all requirements in clause 6.2.14 are satisfied.
- v. CPSTL will reserve the right to disconnect the power supply to the contractor without prior notice, if any of the foresaid conditions are violated.

6.2 Contractor's Scope of Supply

Construction equipment, materials, consumables and other documents as follows;

- 6.2.1 Supply of all construction equipment such as welding machines, metal cutting equipment, air compressors, cranes, soil compacting and cutting equipment, material transporting vehicles, rigging equipment, jacks, scaffolding materials, planks, corrugated metal sheets, materials for fire blankets, tools and other equipment where necessary.
- 6.2.2 Supply of all inspection equipment such as pressure/ vacuum testing instruments and gauges to perform necessary inspection and testing.
 - 100 x 75x8 mm angle iron (Material : Q235-A) which to be welded to top most Shell plate to replace existing top angle
 - 300 x 8 mm CS roof plate (Material : Q235-B) which to be welded to roof plates to replace defective portion of roof plate
 - 6" dia. flanges (ASME B16.5 raised face slip-on) for dip hatch
 - 8" dia. Flanges (ASME B16.5 raised face slip-on) for vent
 - 8 mm plate (Material : Q235-B) for reinforcement pad
 - 8 mm tank roof manhole cover (Material : Q235-B)
- 6.2.3 Supply of angle irons and solid bars required for ladder.
- 6.2.4 Supply of plates, angle irons, flat irons, shafts, bushes, bolts & nuts.
- 6.2.5 Supply of all consumables such as welding electrodes, gas for cutting, grinding discs, temporary erection material, dye penetrant, grit for blast cleaning and all other consumables necessary for the proper execution of the job.
- 6.2.9 Supply of the paint and thinner required for painting work.
- 6.2.10 Supply of all direct requirements of field equipment such as fuel, lubrication oil etc. the contractor intends to mobilize at site.
- 6.2.11 Submission of bar chart for the total project, organization chart breakdown of manpower and equipment allocated for this contract
- 6.2.12 Submission of quality assurance records maintained by the contractor to Engineer upon completion of each job.
- 6.2.13 Successful bidder should submit an insurance cover as per "Schedule" under Section -5 of this bidding document.
- 6.2.14 Construction Utilities
 - i. 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
 - ii. Contractor's power distribution board should consist of adequate over current and earth leakage protective devices for safety of men and machinery.
 - iii. 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.

- iv. 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.
- v. All portable electrical appliances used inside the tank shall be at low voltage, 110V, 1 Phase and should be fed through a centre earthed transformer.
- vi. The whole electrical installation of the contractor should conform to IEE wiring regulations (16th Edition) published by the Institution of Electrical Engineers (I.E.E), London.

6.3 Contractor's Scope of Work and Specifications

6.3.1 General Scope of Work

- (i) The scope of work of the contractor is defined in general and shall include the following, but not limited to the same. The bidder shall also carry out all the related work that are not listed in this document, but required for completion of the entire work as specified in this Bidding Document. All repair work shall conform to API 653 (*4th edition or latest*) and API 650 (*12th Edition or latest*) latest editions.
- (ii) The Bidder/Contractor is responsible for its own investigations to establish sufficient and accurate information for the tank repair work. The Bidder shall visit the proposed sites and shall ascertain the nature and location thereof and all conditions which may affect tank repairs.
- (iii) The tanks would be handed over to the contractor in a clean and gas Free State. However, the possibility of presence of hydrocarbon vapours under the existing bottom cannot be totally ruled out. Therefore, the contractor shall take this into account and shall use appropriate techniques to permit safe cutting and welding. The contractor shall obtain Confined vessel entry permission through CPSTL Fire and Safety department at Muthurajawela terminal before entering into the tank.
- (iv) Contractor shall perform necessary cleaning works in the tanks suitable for performing repair work.
- (v) Contractor shall check Tank design and existing condition of Tank No. TK-46 and provide detailed repair methodology for Roof plate and Top Angle Replacement.
- (vi) All drawings, welding sequences, method statements, time schedules and other related documents shall be prepared and submitted by the contractor for the approval of CPSTL.
- (vii) Contractor shall adhere to Security, Health and Fire and Safety regulations of the CPSTL and it is contractor's responsibility to educate on such regulations from CPSTL.

6.3.2 Repairs to Tank Shell Top Angle and Roof plate

- (i) The tank periphery shall be adequately reinforced prior to the removal of the top angle and commencement of roof repairs, to the satisfaction of the Engineer.
- (ii) The top angle shall be detached from the tank shell and roof by removing welds using the Oxy-Fuel Gouging or abrasive wheel cutting/grinding method, ensuring that no damage occurs to the shell course. A sample test using the Oxy-Fuel Gouging or abrasive wheel cutting/grinding method shall be conducted on a test piece at the site before commencing work on the tank to confirm the proper workmanship of the welder/fitter.
- (iii) The top angle shall be fabricated from rolled angle iron sections in accordance with the following drawing (100 mm leg in Vertical orientation welded to tank shell), conforming to API 650 (12th Edition or latest), Figure Detail-B.
- (iv) A 300 mm wide section of the tank roof plate, welded to the existing top angle, shall be cut and removed. A new plate shall be joined to both the existing roof plate and the new top angle as per following drawing. The joining section of the roof plate shall be prefabricated to match the curvature of the existing roof.
- (v) Removal of the existing top angle and the 300 mm wide roof section shall be executed section by section, while supporting the roof structure to prevent any deformation. Roof plate removal and replacement procedure including supporting and reinforcement methods shall be forwarded to the engineer for approval before the commencement.
- (vi) Top angle and Roof plate shall be joined as per the Drawing No.01
- (vii) The existing crown handrail and other appurtenances within the 300 mm periphery of the roof plate shall be carefully removed using the Oxy-Fuel Gouging or abrasive wheel cutting/grinding method without damaging the shell course. They shall be reinstalled with required toe plates and new reinforcement plates after the roof repair, in accordance with the original design.
- (viii) The top landing of the tank stairway shall be carefully removed using the Oxy-Fuel Gouging or abrasive wheel cutting/grinding method. It shall be reinstalled with the required new reinforcement plates after the roof repair, as per the original design.
- (ix) Corroded flanges of the dip hatch and center vent shall be replaced with flanges of similar specifications.
- (x) Existing tank roof manhole cover shall be replaced with new manhole cover and gasket similar specifications of exiting one.
- (xi) All minor corrosion repairs to pipeline supports and any other attachments to the exterior surface of the shell shall be carried out using appropriate methods, subject to the approval of the Engineer.

- (xii) Welding procedures and valid welder qualification records, as per Section IX of the ASME Code, shall be submitted for CPSTL approval prior to the commencement of any welding work.
- (xiii) Weld designs for roof plates, top angle, reinforcements, manholes, wind girders, doubler plates, etc., shall comply with API 650 (12th Edition or latest) and Section IX of the ASME Code.
- (xiv) Only low-hydrogen AWS E70 classification series electrodes shall be used for all welding activities.
- (xv) All studs, bolts, and nuts shall be replaced with hot-dip galvanized, high-tensile variants conforming to the specified material standards.
- (xvi) All U-bolts and associated nuts shall be replaced with similar hot-dip galvanized types.
- (xvii) All gaskets shall be replaced with spiral-wound graphite gaskets conforming to the specified material standards.
- (xviii) Galvanized cable guide pipes shall be power tool cleaned, freshwater washed, and painted in accordance with Paint System - 3.

6.3.3 Surface Preparation and Paintin of Tank No.TK-46 and accessories

- (i) Surface Preparation
 - a. All the surfaces which are to be grit/sand blast cleaned shall conform to ISO 8501 SA 2 ½ standard.
 - b. All the surfaces which are to be power tool cleaned shall conform to ISO 8501 St3 standard.
 - c. Sufficient covering shall be provided to prevent spreading of blasting sand and dust to surrounding areas. Erection of temporary fire barriers/ covering in order prevent any sparks, dust, sand etc.
 - d. Surface shall be dry and free from contamination prior to paint application
- (ii) Painting of shell plate exterior, Roof Exterior, attachment to tanks, Fire water system, Foam system, water drain off system, Pipe Supports, Strainers, etc. as per following **Paint System-1**.

Exterior Coating system shall comply with ISO12944, C5 category with minimum High durability class (15 -25) years of durability.

Coating System shall be as follows.

Primer Coat	Zinc Rich Epoxy (Coating Thickness 60 µm to 80 µm)
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Intermediate Coats (1 or 2 coats)	Epoxy
Top (Final) Coat	Aliphatic Polyurethane
No. of Coats	3 to 4 nos.
Minimum Total Dry Film Thickness	260 μm

- a. There should be contrasting colour shades between each coat.
 - b. The Coating System shall be applied on Carbon Steel which is abrasive blast cleaned to a visual standard in accordance with ISO 8501-1, Sa 2.5 near white metal finish.
 - c. Method of Application method shall be Air Less Spray, Roller / Brush as per the discretion of the engineer.
 - d. Coating System shall be fully resistant to abrasion, UV and adverse weather conditions.
 - e. Coating system durability shall be 15 to 25 years period.
- (iii) Painting of tank shell interior, bottom plate interior and roof interior including roof structural members as per following **Paint System-2**.

Interior Coating system shall comply with ISO 16961:2015: Petroleum, Petrochemical and Natural Gas Industries - Internal Coating and Lining of Steel Storage Tanks.

Holding (Blast) Primer

- a. An Epoxy primer shall be provided as a Holding Primer.
- b. The Holding (Blast) primer shall be compatible with Carbon Steel which is abrasive blast cleaned to a visual standard in accordance with ISO 8501-1, Sa 2.5 near white metal finish.
- c. The primer shall be compatible with the coating system to be applied over it.
- d. The DFT shall be 50 μm .
- e. Method of Application method shall be Air Less Spray, Roller / Brush as per the discretion of the Engineer.

Coating System - Thin Film Chemically Resistant Epoxy Phenolic Tank Coating

- a. The coating system (Excluding Holding Blast Primer Coat) shall be as follows.

Paint System	Amine cured Phenolic Epoxy
No. of Coats	2 or 3 nos.
Minimum Dry Film Thickness per Coat	100 μm
Minimum Total Dry Film Thickness	300 μm

- b. Maximum coating thickness (DFT) shall not exceed 1000 μm and tank shell interior coating shall have abrasion resistant properties.

- c. The coating system shall be applied on Holding (Blast) Primer coating and it shall be fully compatible with Holding (Blast) Primer.
 - d. Each coat shall be Light Grey or Light Green colour and there should be contrasting colour shades between each coat.
 - e. Method of Application method shall be Air Less Spray, Roller / Brush as per the discretion of the engineer.
 - f. The Coating system shall be fully resistant to refined petrochemicals including Diesel, Gasoline, Kerosene, Fuel Oil, Jet Fuel and all the additives such as MTBE, Ethanol, GTBE and other derivatives and seawater.
- (iv) All Galvanized Pipes, Plates and Gratings in the tank shall be cleaned by using wire brush hand tool, freshwater washing and painted as per following **Paint System-3.**

Exterior Coating system shall comply with ISO12944, C5 category with minimum High durability class (15 -25) years of durability

Coating System shall be as follows.

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

- a. There should be contrasting colour shades between each coat.
- b. The Coating System shall be applied on all localized corroded area of the tank shell exterior shall clean by using power and painted as per the specification of above paint System.
- c. Method of Application method shall be Air Less Spray, Air Spray, Roller / Brush
- d. Coating System shall be fully resistant to abrasion, UV and adverse weather conditions.
- e. Coating system durability shall be 15 to 25 years period.

(v) Painting Colours

The painting colours to be used will be as specified in the following table.

However the Employer could advice his preferable colours. Prior approval from CPSTL shall be obtained for the top Coat.

Description	Colour
Tanks Interior	1 st Coat : Light Gray 2 nd Coat : Light Green

Tanks Exterior	Light Gray (RAL 7035)
Fire Water pipe lines On the Ground On the Tank	Red (RAL 3000) Aluminium
Fire Water Strainers	Red (RAL 3000)
Top Pourer, Foam Pipelines	Yellow (RAL 1003)
Other Pipes, Valve Body	Light Gray (RAL 7035)
Valve Handle	Blue (RAL 5012)
Steel Structures / Platforms	Gray (RAL 7000)
Hand Rails	Yellow (RAL 1003)
Tank Bottom (External Ring including Annular plate External)	Black

- (vi) Tank Identification No. Shall be painted on tank Shell Exterior similar to originals as per the same size and font.
- (vii) Details of application and approval
- All painting work shall be done as per the manufactures' "datasheet". The whole area specified above to be painted with primer, intermediate and finish paint. The primer paint, intermediate and finish coats are recommended to apply by Airless spray.
 - All welding seams, sharp edges and other required areas are to be stripped coated as required.
 - Tanks shall be marked with tank identification number as directed by the Engineer.
 - Approval for painting should be obtained from the Inspection Engineer of CPSTL or his representative as follows.
 - Prior to application of first primer coat after satisfactory cleaning of surfaces.
 - Prior to application of first intermediate coat after applying the required thickness of primer.
 - Prior to application of first finish coat after applying the required thickness of intermediate coat.
 - 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 Engineer. The preparation of paint before application is to be done as per the instruction stated by the paint manufacturer.
 - Time interval between two coatings shall comply with paint manufactures instructions.
 - The Engineer reserves the authority to accept or reject.
 - Prepared surface before painting depending on his observations.
 - Application of paint depending on the preparation of paint and the

weather.

- h. Painting carried out under doubtful weather condition is the responsibility of contractor. If any painting is found to be unacceptable the particular surfaces shall be made paint free and repainted at contractor's expense.
- i. Contractor shall provide a Painter qualification certificate issued by authorized local agent.

6.3.4 Galvanising

- (i) All hot dip galvanizing work shall conform to ASTM A 123 or BS EN ISO 1461:2009. Average mean coating thickness of galvanizing is 70 microns for lids of rim air vents and 85 microns for all other pipes, fittings, flanges, supports and gratings.
- (ii) Touch up painting as per the Paint System-3 shall be attended on the galvanized surfaces wherever required after installation.
- (iii) Certificate from the galvanizing company stating that all the specifications of the bidding document were met shall be submitted to CPSTL after completion of galvanizing work.

6.3.5 All the related work that are not listed in this document, but required for completion of the entire work as specified in this Bidding Document.

6.3.6 Specifications for Erection of Scaffolding

Scaffolding shall be erected as per the approval of the safety department of CPSTL as follows:

- (i) It shall be erected by using steel pipes and couplings, toe plates, platforms etc.
- (ii) Thickness of 2" timber planks or steel platform plates to be used for the platform and to be properly fastened at both ends.
- (iii) Ladders should be provided from the ground to the platform.
- (iv) After erecting the scaffolding, the contractor should obtain a written approval from the safety department of CPSTL before commencement of the work.
- (v) Approval for the screening for blast cleaning to be obtained from Fire & Safety Department of CPSTL after erection of scaffolding and prior to the blasting.

6.3.7 Specifications for Erection of Temporary Fire Barrier and Fire Blanket

- (i) A temporary fire barrier shall be erected to cover near tanks as required using corrugated metal sheets.
- (ii) It should be in a height of at least 1 m beyond the tank roof top position. Starting level of fire barrier can be decided to the contractor depending on

his design. However, it shall be approved by CPSTL.

- (iii) It should be erected in such a way as to give positive fire isolation. Further pipe rack running by the tank and all valves should be covered by a fire blanket.

6.3.8 Third party inspection of plates and other relevant materials

- (i) Steel Plates and Angle sections used for replacing tank roof plates and top angle shall be certified by reputed third party Inspection Company approved by CPSTL.
- (ii) Third Party Inspection reports shall be submitted to CPSTL for the approval.
- (iii) Test certificates shall be in accordance with EN 10204 type 3.1.

6.3.9 Welding Procedure and Welder Qualification

- (i) Qualification of Welding Procedure
Prepare welding procedure specification (WPS) for all category of welding that are intended to be carried out in tank repair work and perform tests documented by Procedure Qualification Records (PQR) to support the specifications as required by section IX of the ASME code and any additional provisions of API 650 standards.
- (ii) Qualification of Welders
Conduct tests for all welders assigned to manual and semi-automatic welding to demonstrate the welders' ability to make acceptable welds in accordance with section ix of ASME code and API 650 standards.

6.3.10 Testing and Inspection

- (i) Welding Procedure and valid Welder qualification reports as per Section – IX of the ASME code, shall be submitted and get the approvals of CPSTL before commencing all welding works.
- (ii) All inspection and testing of the weldments and the accessories shall be arranged by the contractor as per the requirements of API 650 and API 653.
- (iii) Tank hydro test shall be carried out according to the API 650 and API 653.
- (iv) The Contractor should make the required piping and pump arrangements for Hydro Test. Testing procedure to be mutually agreed.

6.3.11 Calibration of Tank No.TK-46

- (i) After successful completion of repair work and painting, the tank shall be calibrated. The calibration and tabulations should conform to API 2550, ASTM 1220. The tank calibration should be carried out using one of the following methods by a third-party company acceptable to CPSTL.
 - a. MPMS Ch. 2.2B – Calibration of Upright Cylindrical Tanks using the Optical Reference Line Method (ORLM)
 - b. MPMS Ch. 2.2C – Calibration of Upright Cylindrical Tanks using the Optical Triangulation Method (OTM)

- c. MPMS Ch. 2.2D - Calibration of Upright Cylindrical Tanks using the Internal Electro Optical Distance Ranging Method (EODRM)
- d. MPMS (Manual of Petroleum Measurement Standards)
- (ii) The name and address of the 3rd party company should be given in the bid for evaluation purposes.
- (iii) The Contractor shall submit three sets of certified calibration tables and soft copy in the form of spread sheets to the Engineer on or before successful completion of the work.

6.3.12 Box up the Tank

After completion of all works specified the tank shall be boxed up and handed over for operational purposes. New manhole and nozzle gaskets shall be provided to ensure leak free connections.

6.3.13 Site cleaning

- (i) Work site, tank interior, tank exterior and tank farm shall be cleaned and maintained properly until it is handed over to CPSTL.
- (ii) Tank inside, tank exterior and tank farm shall clean after completion of the works and all removed material shall be dumped at a location inside the premises as directed by the engineer.
- (iii) Existing excess materials shall be removed from the site as directed by the Engineer.

SECTION 7

❖ *BILL OF QUANTITIES*

Item	Description	Unit	Qty	Rate	Amount
				Rs. Cts.	Rs. Cts.
1	PRELIMINARIES				
1.1	Mobilization and demobilization. Rate shall include for providing temporary site office facilities for storage of materials, office for construction staff, sanitary facilities & remove all temporary hut after the completion of work.	Item	1		
1.2	Allow lump sum for cleaning the site before commencement of work, after completion of work and keep site in clean and tidy during construction. (approximate area 1340 sqm) Rate shall include for removing unused materials debris etc.	Item	1		
1.3	Supply, fixing, maintain & dismantling of external scaffolding for repairing work, welding work, sand blasting work and painting work as per specification and directed by the engineer. Rate shall include for covering of roof and shell area by GI corrugated sheets to cover welding area (approximately 4m at top angle level) and suitable tarpoline to cover blasting and painting area (8 m from ground level) as per specification.	Item	1		
1.4	Supply, fixing, maintain & dismantling of internal scaffolding for welding work, sand blasting work and painting work as per specification and directed by the engineer.	Item	1		
	Total amount carried to summary				
2	REPAIR WORKS FOR TANK				
2.1	Supply and fixing of reinforcement for protecting roundness of the tank by using suitable "H" iron section or any suitable sections before starting repairs of top angle. Rate shall include for bending, welding, hoisting etc. and removing after completion of repair work of the tank. (scaffolding cost included in item No. 1.3 and 1.4)	Item	1		

2.2	Removing of existing tank shell top angle (75 x 75 x 8mm) and 300 mm wide strip of roof plates (6 mm thick) along the roof edge and remove crown hand rail other appurtenances in periphery edge area (300 mm) by using Oxy Fuel Gouging or abrasive wheel cutting / Grinding method without damaging the shell plats and roof plates etc. (scaffolding cost included in item No. 1.3 and 1.4)	Item	1		
2.3	Supply, Fabricate, Install, Welding, bending and Testing of roof top angle (100 x 75 x 8 mm) and 400 mm wide roof plates (6 mm thick) strip as per drawing and specification. (scaffolding cost included in item No. 1.3 and 1.4)	Item	1		
2.4	Removed crown hand rail to be re fixed on the new roof plate strip. Rate shall include for Supply, Fabricate and fixing of new 150x150x6 mm pads (approximately 25 nos) and necessary angle iron sections (50 x50x6 mm- 150 mm long sections - approximately 25 nos) for replacing corroded area of hand rail posts.	Item	1		
2.5	Top landing of the tank stairway shall be removed carefully by Oxy Fuel Gouging or abrasive wheel cutting /Grinding method and re install with required new reinforcement plates after the roof repair as per the original design.	Item	1		
2.6	Corroded flanges of dip hatch (2 nos of 6" flanges) and center vent (2 nos of 8" flanges) to be removed and replace new flanges and nut and bolts as per the original design. All stud bolts to be hot dip Galvanized High Tensile stud bolts.	Item	1		
2.7	Corroded tank roof manhole cover to be replace with similar type 6.5 mm tick 750 mm dia. Roof plates as per the original design.	Item	1		
2.8	All minor corrosion repairs to fire water pipeline supports, Foam line supports and any other attachment to the shell exterior surface shall be done by appropriate method subjected to the approval of the Engineer.	Item	1		
	Total amount carried to summary				

3	PAINTING WORK .				
3.1	Supply of Paints for painting of tank bottom plate interior and 1.5 m height of bottom most shell (approximate area 100 m2)	Item	1		
3.2	Grit/ Sand blasting and Painting of tank bottom plate interior and 1.5 m height of bottom most shell	m2	100.00		
3.3	Supply of Paints for painting of tank roof interior and 1m height from top most shell course & internal piping (approximate area 102 m2)	Item	1		
3.4	Grit/ Sand blasting and Painting of tank roof interior and 1 m height of top most shell course & internal piping.	m2	102.00		
3.5	Supply of Paints for exterior of roof plates and roof accessories (exterior) (approximate area 75 m2)	Item	1		
3.6	Grit/ Sand blasting and Painting of exterior of roof plates and roof accessories.	m2	75.00		
3.7	Supply of Paints for painting of shell exterior with piping and accessories. (approximate area 263 m2)	Item	1		
3.8	Grit/ Sand blasting and Painting of shell exterior with piping and accessories.	m2	263.00		
3.9	Supply of Paints for Painting of stairway with handrail, landings, posts, supporting structure with attachments.	Item	1.00		
3.10	Grit/ Sand blasting (except GI sections) and Painting of stairway with handrail, landings, posts, supporting structure with attachments (approximate area 55 m2) as per paint system 1. GI sections to be cleaned and painting as per specification of paint system 03 (approximate area 30 m2)	m2	85.00		
3.11	Supply of Paints for Painting of Instrument cables and cable guide galvernized pipes with attachments.	Item	1		
3.12	Power tool cleaned and Painting of Instrument cables and cable guide galvernized pipes with attachments.	m2	40.00		
	Total amount carried to summary				
4	MISCELLANEOUS WORK				

4.1	Dye penetrant testing for new welding joints of roof. (Aprox length 60 m)	Item	1		
4.2	Calibration of the tank including supply of 3 copies of calibration reports and soft copy in the form of Excel spread sheet. (if required)	Item	1		
	Total amount carried to summary				

DUPLICATE

SUMMARY OF B.O.Q.

DESCRIPTION

AMC

- | | | |
|---|-----------------------|-------|
| 1 | PRELIMINARIES | |
| 2 | REPAIR WORKS FOR TANK | |
| 3 | PAINTING WORK | |
| 4 | MISCELLANEOUS WORK | |

SUB TOTAL I

DISCOUNT IF ANY

SUB TOTAL II (Carried to Foam of Bid)

VAT (18%)

TOTAL AMOUNT WITH VAT

VAT Registration No. : - SSCL Registration No:
[Please Attached Copy of the SSCL Registration & Copy of the VAT Registration (if applicable)]

Total amount in words :-

Name of Bidder : -

Address :-

Date :-

Signature of Bidder :

Witness :

Witness :

Name :

Name :

Address :

Address :

N.I.C. No:

N.I.C. No:

Duplicate

DAY WORKS SCHEDULES

DAY WORK SCHEDULE

LABOUR

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

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

	DESCRIPTION OF LABOUR GRADES	RATE PER HOUR Rs.
I	Welder	
II	Fitter	
III	Unskilled Worker	
IV	Painter	
V	Sand Baster	
	<u>Any Other Grades</u>	
VI		

PLANT & EQUIPMENT

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

	DESCRIPTION OF PLANT & EQUIPMENT	RATE PER HOUR RS.
I	Welding plant	
II	Crane	
	Sand Blasting Equipment (including Compressor)	
III	Painting Equipment (Including Compressor)	
IV	<u>Any Other Plant and Equipment</u>	
V		

SECTION – 8

❖ ***DRAWINGS***

DUPLICATE

SECTION – 9

❖ *STANDARD FORMS (BID)*

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 the of *[insert name of Contract]* under Invitation for Bids No. ----- *[insert IFB number]* ("the IFB").

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

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

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

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

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

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

CHECK LIST FOR BIDDERS

CHECK LIST FOR BIDDERS

Bidders are advised to fill the following table.

ITEM	ITB Clause	YES (tick)	REFERENCE
Form of Bid			
Addressed to the Employer ?	18		
Completed?	18		
Signed?	18		
Bid Securing Declaration Form (if required)			
Properly filled and signed	16		
Bid Security (if required)			
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		