

CEYLON PETROLEUM STORAGE TERMINALS LIMITED

NATIONAL COMPETITIVE BIDDING

BIDDING DOCUMENT

FOR

PROCUREMENT OF SERVICE FOR SURFACE PREPARATION AND PAINTING OF NEWLY FABRICATED AND EXISTING PIPE LINES AT MUTHURAJAWELA TERMINAL

TENDER REF NO: KPR/25/2024

The Chairman
Department Procurement Committee
C/o Manager Procurement
Ceylon Petroleum Storage Terminals Limited
Procurement Function
01st Floor, New Building
Kolonnawa, Wellampitiya
Sri Lanka

November 2024

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CEYLON PETROLEUM STORAGE TERMINALS LIMITED

PROCUREMENT OF SERVICE FOR SURFACE PREPARATION AND PAINTING OF NEWLY FABRICATED AND EXISTING PIPE LINES AT MUTHURAJAWELA TERMINAL

NATIONAL COMPETITIVE BIDDING

BIDDING DOCUMENT

VOLUME - 01

SECTION 01: INSTRUCTIONS TO BIDDERS

SECTION 02: STANDARD FORMS

SECTION 03: CONDITIONS OF CONTRACT

Employer: Engineer:

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

SECTION 01

INSTRUCTIONS TO BIDDERS

INSTRUCTIONS TO BIDDERS

Instruction to bidders applicable to this contract is that given in Section 1 of Standard Bidding Document for Procurement of Works ICTAD Publication no. ICTAD/SBD/03 Second Edition - January 2007 publish by the Construction Industry Development Authority. (CIDA) 'Savsiripaya', 123, Wijerama Mawatha, Colombo 07. This publication will not be issued with bidding document and the bidder is advised to purchase it form CIDA. Instruct to Bidders shall be read in conjunction with the bidding data provide under Section 05 of the Bidding Document given in Volume 2. Which shall take precedence over the Instruction to Bidders. Instruct to Bidders will not be a part of the Contract and will cease to have effect once the Contract is signed.

SECTION 02

STANDARD FORMS (CONTRACT)

- Form of letter of acceptance
- > Form of agreement
- Form of performance security
- Form of advance payment security
- Form of 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

	(<i>year</i>) betwee				
other part:	-	r) (hereinafter called and referred to as "the Contractor"), of the s that the Contractor execute			
Employer has	· ·	(name & o) (hereinafter called and referred to as "the Works") and the ne Contractor for the execution and completion of such Works and			
The Employe	er and the Contractor	r agree as follows:			
	eement words and expr the Contract hereinaft	ressions shall have the same meanings as are respectively assigned ter referred to.			
agreement	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.					
	whereof the parties hered, in accordance with	eto have caused this agreement to be executed the day and year laws of Sri Lanka.			
	gnature of Contractor	Authorized signature of Employer			
COMMON SI	EAL	COMMON SEAL			
In the presence Witnesses:	of:				
1.	Name and NIC No.:				
	G:				
	Signature: Address:				
	1 Mul Coo.				
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
(hereinafter called "the Contractor") has entered into Contract No. (Reference No. of the Contract) date works] (Hereinafter called "the Contract"). [name of the contract and brief description of works] (Hereinafter called "the Contract").
At the request of the Contractor, we
This guarantee shall expire, no later than the
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					
(hereinafter called "the Contractor") has entered into Contract No. (Reference No. of the Contract) date					
(amount in words) to be made against an advance payment guarantee.					
At the request of the Contractor, we					
(amount in words) upon receipt by us of your first demand in writing accompanied by a writte 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					
Consequently, any demand for payment under this guarantee must be received by us at this office of or before that date.					
Signature(s)					

FORM OF RETENTION MONEY GUARANTEE

(Issuing Agency's Name and Address of Issuing Branch or Office)	
Beneficiary: Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kol	onnawa.
Date:	
RETENTION MONEY GUARANTEE NO.:	
We have been informed that	\ (1:
called "the Contractor") has entered into Contract No	of the
Furthermore, we understand that, according to the conditions of the Contract, wh have being taken over and the first half of the Retention Money has been certified payment of the second half of the Retention Money may be made against a Rete guarantee.	for payment,
At the request of the Contractor, we	nereby nt of
	bligation dance with
This guarantee shall expire, at the latest	y demand for
Signature(s)	

SECTION 03 CONDITIONS OF CONTRACT

CONDITIONS OF CONTRACT

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

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

PROCUREMENT OF SERVICE FOR SURFACE PREPARATION AND PAINTING OF NEWLY FABRICATED AND EXISTING PIPELINES AT MUTHURAJAWELA TERMINAL

NATIONAL COMPETITIVE BIDDING 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: STANDARD FORMS (BID)
CHECK LIST FOR BIDDERS

Employer: Engineer:

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

January 2024

INVITATION FOR BIDS (IFB)

CEYLON PETROLEUM STORAGE TERMINALS LIMITED

PROCUREMENT OF SERVICE FOR SURFACE PREPARATION AND PAINTING OF NEWLY FABRICATED AND EXISTING PIPELINES AT MUTHURAJAWELA TERMINAL

CONTRACT NO: KPR /25 /2024

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 Procurement of Service for Surface Preparation and Painting of Newly Fabricated and Existing Pipelines at Muthurajawela Terminal as described below.

The works consists of supplying necessary materials, surface preparation of newly fabricated and existing petroleum product, fire water, slop oil pipelines, high pressure washing and make surface profile and painting of aforementioned pipelines according to the specifications.

Intended Completion Date for the whole of work shall be 75 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. 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
- 4. Qualification requirements to qualify for contract award include (*Proofs shall be submitted along with the bid*)

a. Experience

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

b. Schedule of Key Personnel

- Supervisor NVQ level 5 or equivalent with more than five-year experience in similar works. Experience in carrying out blast cleaning & painting large steel structures in similar capacity with two component epoxy paints within the last 5 years (*proofs shall be provided*).
- 5. Interested parties may refer the bidding documents (only for viewing purpose) and obtain necessary information through the website www.cpstl.lk and inspect the bidding documents at the address given below from 0900hrs to 1400 hrs of working days.
- 6. A complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to The Manager (Procurement), Procurement Function, Ceylon Petroleum Storage Terminals Limited,1st floor, New Administration Building, Oil Installation, Kolonnawa from 19.03.2024 until 03.04.2024 from 0900 hrs to 1400 hrs of working days on production of receipt supporting payment of non-refundable Tender fee of Rs 3,000.00

- 7. 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 (Lower 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 **04.04.2024.**
- 8. Bids will be closed at 1400 hrs. on **04.04.2024** 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. 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 **04.04.2024**, subject to following conditions.
 - a. Submission of the bid via email is at own discretion of the bidder.
 - b. The title and the closing date of the tender shall be indicated as the subject of the email.
 - c. Size of an email (with attachment) shall be limited to the maximum of 20 MB. In case the size of an attachment exceeds 20 MB, the bidder is requested to split the attachments and send as separate emails (i.e. 01 of 03, 02 of 03 etc.,).
 - d. Do not CC/BCC to any other official/personal email IDs of CPSTL staff. Bids sent to any other email IDs is strictly not entertained.
 - e. However, the original bid shall be sent to CPSTL prior to finalize the technical evaluation.
- 10. Bids shall be valid up to **20.06.2024** from the date of opening of bid.
- 11. All bids shall be accompanied by a Bid Security

In the form of a cash deposit to the CPSTL Cashier for a minimum sum of LKR 28,000.00 (Sri Lanka Rupees Twenty-Eight only).

or

In the form of bank draft/ bank guarantee of LKR 56,000.00 (Sri Lanka Rupees Fifty-Six Thousand only).

Bid Security shall be valid up to 18.07.2024.

12. A pre-bid meeting will be held at 1000 hrs on **26.03.2024** at the office of Muthurajawela Petroleum Terminal, Kerawalapitiya.

The address referred to above is

The Chairman, Department Procurement Committee (Minor),

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 2572156, +94 11 2572155

Facimile :+94112074299
E-mail : procure@cpstl.lk

SECTION 04

FORM OF BID AND QUALIFICATION INFORMATION

FORM OF BID

Name of Contract: PROCUREMENT OF SERVICE FOR SURFACE PREPARATION
AND PAINTING OF NEWLY FABRICATED AND EXISTING
PIPELINES AT MUTHURAJAWELA TERMINAL

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

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 Work 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 Lank Rupees				
2.	We/I ackn	owledge that the Bidding Data form part of our Bid.			
3.	data and co	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.	6. We/I understand that you are not bound to accept the lowest or any Bid you may receive.				
aut	thorized to	day of20 in the capacity ofduly sign tenders for and on behalf of			
•••	• • • • • • • • • • • • • • • • • • • •	(IN BLOCK CAPITALS)			
	gnature ime	:			
	esignation	:			
	ldress				
Wi	itness				

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

ICTAD Registration				
(if available)				
Registration	(Attach copies of relevant pages			
number Grade	from the registration book)			
Specialty				
Expiry Date				
Blacklisted Contractors				
Have you been declared as	a defaulted contractor by NPA or any	other Agency?		
IF yes provide details			入	\
VAT Registration				
Construction Program	(Attach as annex)			
Legal status	(Attach relevant status copies, as			
(Public company/Private Company/Partnership/So				
le proprietor etc.)				
		DILL		
<u>EXPERIENCE</u>	Eligibility requirement	Bidder	's Qualifi	cation
Details of similar works performed in last 5 years (Indicate only the Two largest projects)	Details of 2 nos. of similar works completed in last 5 years (Attach copies of Certificate of Completion etc. and other documents such as profit-loss and income expenditure statement)			
EQUIPMENT Major items of inspection instruments/ equipment proposed	Type and capacity	Required Nos. (minimum)	(make,	d by Bidder capacity)
	1. Sand Blasting Equipment	01 nos.	Hired	Owned
	2. Air Compressor4. Others to be specified by the	01 nos.		
	bidder			

PROJECT STAFF	Eligibility requirement Bidder's		Bidder's	
Qualification an			Qualification	
experience of key staff	Category Experience and Qualifications	Required Nos. (Minimum)	Proposed by bidder (Name, experience and Qualifications)	
	1. On Site Supervisor	01		
	Qualification: 2 years or more Full time Diploma or higher qualification in Mechanical Engineering			
	Experience: 05 years (excluding training period compulsory for the above qualification)			
	Experience in carrying out blast cleaning & painting large steel structures in similar capacity with two component epoxy paints within the last 5 years			
	4. Others to be specified by the bidder			
Repair Programme & The bidder is required to submit a Repair Programme		ogramme with the bid		
Method Statement	including detailed proposed scope of work related with time,			
	sketches, drawings, inspection details (method statement) that the			
	bidder intend to perform under each category based on the details given			
	under "Section 6 – Specifications" and relevant Standards. The bidder			
	is deemed to be an expert in this field and shall include all necessary			
	activities that are required for a complete proposal.			

Signature of the Bidder....



ITB Clause	Conditions of Contract Clause	Item	Data
1.	1.1.8	Employer is:	Name: 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	The works consists of supplying necessary materials, surface preparation of newly fabricated and existing petroleum product, fire water, slop oil pipelines, high pressure washing and make surface profile and painting of aforementioned pipelines according to the specifications. CPSTL will supply paints and Solvents for mixing paints.
			Location: Muthurajawela Terminal, Kerawalapitiya Contract Name: Procurement of Service for Surface Preparation and Painting of Newly Fabricated and Existing Pipelines at Muthurajawela Terminal
			Contract No. KPR/25/2024
•	1.1.12	Start Date	7 days after the issue of letter of acceptance
1.	1.1.14	Intended Completion Date	Intended Completion Date is 75 Calendar Days from the site handing over Letter.
2.		Source of Fund	The source of funds is Ceylon Petroleum Storage Terminals Limited (CPSTL)
3.		Eligibility	Information shall be provided in Section 4 under Qualification Information.

7 Site Visits

Prior to submitting a bid, bidders shall familiarize themselves and shall be deemed to have done so. The bidders shall inform Procurement Manager, Procurement Function, Oil Installation, CPSTL, Kolonnawa (Tel. +94-11-2572156, Fax No. 0094-11-2572155) 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 Installation. Site visit will be permitted during 0830-1500 hrs except Sundays and mercantile holidays. The cost of such visits shall be borne by the bidder.

Documents of the Bid

(a) Experience

Proof of experience of the bidder carried /carrying out similar works shall be submitted. The information submitted shall include the client's names, contract name, telephone numbers, fax numbers, year of completion, scope of work carried out with relevant codes and standards, contract value and any other relevant information. Bidder shall have successfully completed at least 02 similar projects during last 05 years.

(b) Schedule of Key Personnel

Bidder shall submit a schedule of Key Personnel consisting the site staff. A Technical officer (NCT or equivalent.) with more than 05years experience or equivalent shall supervise the site.

(c) Schedule of Machinery and equipment

Bidder shall submit a schedule of all available machinery and equipment related to the work.

13. 10.10 Price Adjustment

The Contract is not subject to price adjustment

16. Bid Security

In the form of a cash deposit to the CPSTL Cashier for a minimum sum of LKR 28,000.00 (Sri Lanka Rupees Twenty Eight only).

or

In the form of bank draft/ bank guarantee of LKR 56,000.00 (Sri Lanka Rupees Fifty Six Thousand only).

Bid Security shall be valid up to 18.07.2024.

Securities and Guarantees shall be irrevocable and unconditionally en-cashable upon the first written request from the Procuring Entity.

The bid securities issued by the following agencies are acceptable;

- a commercial bank operating in Sri Lanka approved by Central Bank of Sri Lanka,
- a bank based in another country but the guarantee "backed and confirmed" by a bank in Sri Lanka approved by Central Bank of Sri Lanka. (Local bank and the bank based in another country shall jointly bear the responsibility in case of encashment of the security)

31. 4.4 Performance Security

Amount of Performance Security required is **5** % of the Initial Contract Price.

The form acceptable for the Performance Security (unconditional) included in Section 2, Standard Forms. The Performance Security shall be valid and kept alive for 28 days beyond the intended Completion Date.

If any time, should it appear to the Engineer that the actual progress of the work does not conform to the approved program, the contractor shall produce, at the request of the Engineer a revised program showing the modifications to the previously approved program necessary to ensure completion of the work within the stipulated time of completion.

Failure on the part of the contractor to submit and obtain approval for the revised program 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 program of work submitted to the Engineer.

6.2 Program

Working Hours

- i. Normal working hours of CPSTL from Monday to Friday is from 0730 hrs. to 1645 hrs.
- ii. In the work program, 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 hours 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 and after 1645hrs.
- 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.

6.3 Extension of Time

No extension of time will be considered other than the exceptional 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 seven (7) days after the cause for delay has risen, 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.

6.4 Late Completion

The amount to be paid is 0.5% of Initial Contract Price per Day, subjected to maximum of **10** % of Initial Contract Price.

8.1 Notification of Defects

The period for Defect Notification is **180 Days** from Taking Over.

10.3 Retention

The amount of retention is 10% of certified work done. The maximum amount of retention is 5% of Initial Contract Price.

10.12 Advance Payment

Amount of advance payment shall be **20%** of initial contract price (less provisional sums and contingencies).

12.1 Contractors' care of works

- **Special Safety Conditions**
- i. Fire blanket & fire barriers are to be laid before starting hot work at site wherever required.
- ii. The work/workers should conform to the Fire & Safety rules and regulations of CPSTL and they should wear personal safety equipment while executing the work.
- 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 Terminal 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. Muthurajawela Terminal 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 into 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 deenergizing 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(b)		The cover for loss or damage to Equipment is Contractor's responsibility.
	13.1		A copy of insurance policy for the workmen of the contractor as per the Workmen Compensation Act shall be forwarded to CPSTL prior to commencement of the work.
	13.1(c)		Minimum amount for third party insurance 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).

SECTION 06

SPECIFICATIONS

SPECIFICATIONS

6.1 Scope of Supply by CPSTL

6.1.1 Utilities

- 6.1.1.1 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.
- 6.1.1.2 The electrical power supply is available to the contractor subjected to following conditions.
 - a. CPSTL shall provide only the power supply tapping point with a meter at the nearest switch room.
 - b. Contractor shall supply and install his own feeder cables and power distribution board required for the work site from the tapping point.
 - c. The maximum power CPSTL shall supply is 63A, 400V, 50Hz, 3 Phase.
 - d. The electricity charge shall be deducted from the Final Bill of the Contractor.
 - e. 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.
 - f. Engineer shall estimate the bill on above basis in occasions the power supply is provided without a meter.
- 6.1.1.3 A metered water connection may be supplied by CPSTL for repair work on the request of the contractor and charger will be applied according to applicable tariff system. Cost for the connection, maintenance and disconnection will be added to the contractor cost. It is contractor's responsibility to ensure that sufficient amount and flow rate are available for construction work and arrange pumping and piping requirements as CPSTL is not bound to fulfill such requirement. In such case, the contractor has to maintain his own water source for the work.
- 6.1.1.4 Required paints and solvents for mixing coatings will be provided by CPSTL. Contractor shall be responsible bring solvents required for cleaning their tools.
- 6.1.1.5 CPSTL Engineers representative will assist to arrange gate passes for the Contractors personnel requested documents are provided, equipment and materials, hot work/cold work permits and other permits related to the Work on request of the Contractor.

6.2 Contractor's Scope of Supply

Contractor shall supply equipment, instruments, materials, consumables and other requisites required to carry out the repair as follows;

- 6.2.1 Construction equipment and consumables
- 6.2.2 Supply of all consumables such as erection material, sand for blast cleaning, and all other consumables necessary for the proper execution of the painting work as specified in 6.3
- 6.2.3 Supply of all construction equipment such as sand blasting equipment, air compressors and other rigging equipment, screening and planks, supports for screens and tools where necessary.
- 6.2.4 Supply of all inspection equipment such as paint thickness gauges for testing (Wet Film and Dry Film thicknesses).
- 6.2.5 All direct requirements of field equipment such as fuel, lubrication oil etc. the contractor intends to mobilize at site.
- 6.2.6 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.
- 6.2.7 The Contractor shall submit the performance bond and insurance covers as per Schedule in Section 5.
- 6.2.8 Contractor should provide required safe access and relevant facilities for the Engineer and Engineers representative to attend any inspection related event.
- 6.2.9 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.
- 6.2.10 Contractor shall provide medical test reports and vaccination details of their employees whenever requested by CPSTL.

6.3 Contractor's Scope of Work and Specification

6.3.1 Contractors Scope of Work

6.3.1.1 Abrasive blast cleaning and Coating system application shall be done in an acceptable weather condition.

6.3.1.2 Exterior coating for newly fabricated petroleum product pipelines

The entire area of pipelines including its supports shall be sand blast cleaned and painted as per the specifications specified below.

- a) Providing sufficient covering for other surrounding pipelines, attachments, platforms, equipment parts, etc. to prevent damages to them during sand blasting and painting.
- b) Maximum care should be given not to damage any component.
- c) Sand Blast Cleaning shall be conformed to ISO 8501-1, SA 2 ½ near white metal finish.
- d) 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.
- e) CPSTL will perform necessary weld repairs if required.
- f) If blast cleaned area kept uncoated during repairs, area shall be sweep blast cleaned before strip coating to remove corrosions emerged on exposed surfaces.
- g) The surface shall be dry and free from contamination prior to paint application.
- h) Pipelines coating system application
 - i. Exterior Coating system shall comply with ISO12944, C5 category with minimum High durability class (7 -15) years of durability.
 - ii. 2 to 3 coats shall be applying as per paint manufacturer recommendation as follows.

Primer Coat	Zinc Rich Epoxy
	(Coating Thickness 60 μm to 80 μm)
Intermediate Coats	Epoxy (Coating Thickness 60 μm to
	90 μm)
Top (Final) Coat	Aliphatic Polyurethane (Light Gray)
	(Coating Thickness 50 μm to 60 μm)
No. of Coats	2 to 3 nos.
Minimum Total Dry Film	200 μm
Thickness	

- iii. There should be contrasting colour shades between each coat.
- iv. Method of Application method shall be Air Less Spray.

6.3.1.3 Exterior coating for corrosion repaired petroleum product and fire water pipeline systems

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

- a) Providing sufficient covering for other surrounding pipelines, attachments, platforms, equipment parts, etc. to prevent damages to them during cleaning and painting.
- b) Maximum care should be given not to damage any component.
- c) Power Brush/Tool Cleaning shall be conformed to ISO 8501-1, St. 3 very thorough hand and power tool finish.
- d) 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.
- e) CPSTL will perform necessary weld repairs if required.
- f) If cleaned area kept uncoated during repairs, area shall be re-cleaned before strip coating to remove corrosions emerged on exposed surfaces.
- g) The surface shall be dry and free from contamination prior to paint application.
- h) Exterior Coating System Application
 - i. Exterior Coating system shall comply with ISO12944, C5 category with minimum High durability class (7 -15) years of durability.
 - ii. 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	240 μm		
Thickness			

iii. There should be contrasting colour shades between each coat.

Final coat colour	a) Petroleum Product Pipelines – Light Gray		
	b) Fire Water Pipelines – RAL 3000 Fire Red		

iv. Method of Application method shall be Air Less Spray.

6.3.1.4 Exterior coating for overcoat aged or weathered pipeline systems

The entire area of pipelines including its supports shall be 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.
- j) Maximum care should be given not to damage any component.
- k) High pressure fresh water cleaning after removing the chalking coat.
- Roughen the surface of the aged or weathered coating to ensure a secure bond with the surface tolerant primer.
- m) 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.
- n) If cleaned area kept uncoated during repairs, area shall be re-cleaned before strip coating to remove corrosions emerged on exposed surfaces.
- o) The surface shall be dry and free from contamination prior to paint application.
- p) The direct to metal or direct to aged and weathered coatings / corroded and cleaned areas touched up with surface tolerant epoxy primer.
- q) Exterior Coating System Application
 - i. Exterior Coating system shall comply with ISO12944, C5 category with minimum High durability class (7 -15) years of durability.
 - ii. 2 coats shall be applying as per paint manufacturer recommendation as follows.

1 st Coat	Surface Tolerant Epoxy Primer		
	(Coating Thickness 60 μm to 70 μm)		
Top (Final) Coat	Aliphatic Polyurethane		
	(Coating Thickness 50 μm to 60 μm)		
No. of Coats	2 nos.		
Minimum Total Dry Film	130 μm (Total Coating thickness		
Thickness	including existing coat will be 300 μm)		
. 7			

iii. There should be contrasting colour shades between each coat.

Final coat colour	a) Petroleum Product Pipelines – Light Gray	
	b) Fire Water Pipelines – RAL 3000 Fire Red	

- iv. Existing top coat is Data Sheet 7528, Sigmadurr Gloss Base with chalking effect.
- v. The Coating System shall be applied on existing top coat which is cleaned through manual surface solvent to a visual standard in accordance with SSPC SP1.
- vi. There should be contrasting colour shades between each coat.
- vii. Method of Application method shall be Air Less Spray.

6.3.1.5 Solvents

Required coatings and solvents for mixing coatings will be provided by CPSTL. Contractor shall be responsible bring solvents required for cleaning their tools

- 6.3.1.6 Approval for painting should be obtained from the Inspection Engineer of CPSTL, as follows.
 - a. Prior to application of first primer coat after satisfactory cleaning of surfaces.
 - b. Prior to application of first intermediate coat after applying the required thickness of primer.
 - c. Prior to application of first finish coat after applying the required thickness of intermediate coat.
 - d. 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.
 - e. The Inspection Engineer of CPSTL reserves the authority to accept or reject.
 - f. Prepared surface before painting depending on his observations.
 - g. Application of paint depends on the preparation of paint and the weather.
 - h. 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.

6.3.1.7 Site Cleaning

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.

SECTION 07 BILL OF QUANTITIES

PREAMBLE TO THE BILL OF QUANTITIES

GENERAL

- 1. This Bill of Quantities contains pages numbered **from 36 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, Bidding data, Contract Data, 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 tank 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, stand and preparation of place to a condition suitable for proper execution of the work.
- 14. If tenderers 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

m² - Square metre

kg - kilograms

No - Numbers

Rs. Cts. - Sri Lankan Rupees and Cents

m³ - Cubic metre

SECTION - 7: BILL OF QUANTITIES

* Please refer **Section 6 -Specification** for details of the Items in following table

* P	lease ret	ter Section 6 -Specification for details of t	* Please refer Section 6 -Specification for details of the Items in following table						
		Item Description	Unit	Qty.	Rate (Rs.)	Total (Rs.)			
1	Mobili	zation, Demobilization and Site Cleaning	Item	1					
	Sub Total Carried Forward								
2	Suppo	ortive Works							
	attachn	ing to Protect surrounding pipelines, nents, platforms, equipment parts, etc. Sand Blasting and Power Tool cleaning	Item	1					
			Sub 7	Total Ca	rried Forward				
3		or coating for newly fabricated eum product pipelines							
3.1	Abrasi	ve Blast Cleaning	m ²	305					
3.2	Applic	eation of Primer Coating	m^2	305					
3.3	a. The c b. If CP paym 1 coa	tion of Coating System contractor shall quote for applying 2 coat system. PSTL provided coating system is 1 coat system, nent for work done to this item will be adjusted to at system which is 1/2 nd of quoted price.	m ²	305					
			Sub T	Total Ca	rried Forward				
4		or coating for corrosion repaired ne systems							
4.1	Power	Tool Cleaning							
	4.1.1	Petroleum Product Pipelines	m^2	620					
	4.1.2	Fire Water Pipelines	m^2 .	170					
4.2	a. The b. If CI payn to 2	tion of Coating System contractor shall quote for applying 3 coat system. PSTL provided coating system is 2 coat system, nent for work done to this item will be adjusted coat system which is 2/3 rd of quoted price. ts will be supplied by CPSTL							
	4.2.1	Petroleum Product Pipelines	m^2	620					
	4.2.2	Fire Water Pipelines	m^2	170					
			Sub T	Total Ca	rried Forward				
5.		or coating for overcoat aged or ered pipeline systems							
5.1		pressure cleaning and roughen the surface							
	5.1.1	Petroleum Product Pipelines	m^2	1840					

		Item Description	Unit	Qty.	Rate (Rs.)	Total (Rs.)
	5.1.2	Fire Water Pipelines	m^2	490		
5.2	a. The coa b. If C sys wil 1/2	ation of Coating System e contractor shall quote for applying 2 at system. CPSTL provided coating system is 1 coat stem, payment for work done to this item al be adjusted to 2 coat system which is and of quoted price. Ints will be supplied by CPSTL				
	5.2.1	Petroleum Product Pipelines	m^2	1840		
	5.2.2	Fire Water Pipelines	m^2 .	490		
Sub Total Carried Forward						

Summary of Schedule of Rates for the Service for Surface Preparation and Painting of Newly Fabricated and Existing Pipe Lines at Muthurajawela Terminal

<u>Description</u>	Amount (Rs.)
1.0 Mobilization, Demobilization and Site Cleaning	ng
2.0 Supportive Works	
3.0 Exterior coating for newly fabricated petroleur product pipelines	m
4.0 Exterior coating for corrosion repaired pipeling	e systems
5.0 Exterior coating for overcoat aged or weathere pipeline systems	ed
Sub Total	
Discount If Any	
Discounted Total	
SSCL 2.5% (if applicable) Total carried to 'Form of Bid'	
VAT 18%	
Total Amount with VAT	
VAT Reg. No :	
Total Amount in Words:	
Name of Bidder:	
Address:	
Date:	
	Signature of the Bidder Company Stamp

SECTION 08 STANDARD FORMS (BID)

FORM OF BID SECURITY

	Guarantee form shall be filled in accordance with the instructions indicated in brackets]
	re[insert issuing agency's name, and address of g branch or office]
Benefi	ciary: Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa.
]	
Date:	[insert (by issuing agency) date]
BID G	GUARANTEE No.: [insert (by issuing agency) number]
[insert to you Bid")	tive been informed that
	rmore, we understand that, according to your conditions, Bids must be supported by a Bid
agency	request of the Bidder, we [insert name of issuing y] hereby irrevocably undertake to pay you any sum or sums not exceeding in total and of [insert amount in figures]
[by a v	insert amount in words] upon receipt by us of your first demand in writing accompanied written statement stating that the Bidder is in breach of its obligation(s) under the bid ions, 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.
of the Bidder bidder	duarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies Contract signed by the Bidder and of the Performance Security issued to you by the r; or (b) if the Bidder is not the successful bidder, upon the earlier of (i) the successful furnishing the performance security, otherwise it will remain in force up to
	quently, any demand for payment under this Guarantee must be received by us at the office before that date.
[signa	ture(s) of authorized representative

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 Security						
Address to the Employer?	16					
Format as required?	16					
Issuing Agency as specified?	16		7			
Amount as requested?	16					
Validity 28 days beyond the validity of Bid?	16	<i>*</i>				
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					