

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MINISTRY OF ENERGY

CEYLON PETROLEUM STORAGE TERMINALS LIMITED

NATIONAL COMPETITIVE BIDDING

PROCUREMENT DOCUMENT

FOR

**UPGRADING OF DIKING AND OIL RECOVERY SYSTEM IN TANK FARM AT
KOLONNAWA INSTALLATION – STAGE 1**

CONTRACT NO: KPR/06/2026

Employer:

Chairman,
Ceylon Petroleum Storage Terminals Limited,
Oil Installation,
Kolonnawa,
Wellampitiya,
Sri Lanka.

Issued to:

Issued by:

Date:

**January 2026
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Invitation for Bids (IFB)

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MINISTRY OF ENERGY**

CEYLON PETROLEUM STORAGE TERMINALS LIMITED

**UPGRADING OF DIKING AND OIL RECOVERY SYSTEM IN TANK FARM AT
KOLONNAWA INSTALLATION – STAGE 1**

CONTRACT NO: KPR/06/2026

NATIONAL COMPETITIVE BIDDING

1. The Chairman, Ministry Procurement Committee on behalf of the Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya, Sri Lanka now invites sealed bids from eligible and qualified bidders for “**Upgrading of diking and oil recovery system in tank farm at Kolonnawa Installation – Stage 1**” as described below and estimated to a cost of LKR 358.9 million.

The Works consist of the procurement of required materials and the construction, upgrading, and rehabilitation of the oily water recovery system at Kolonnawa Installation, including earthwork and demolishing works, installation of slop oil tanks, construction of Oily Water Separator No. 02 and Oily Water Separator No. 03, installation of floating skimmers, repairs to existing interceptors, construction of storm water drains, oily water drains with DI pipelines/hume pipes, construction of dike walls with tank farm access, earth ramps, construction of manholes, valve pits, catch pits, improvements to the storm water pond area together with all associated civil, mechanical, and ancillary works required for the complete installation in accordance with the relevant standards and specifications. **The construction period is 365 Days.**

2. Procurement will be conducted through **National Competitive Bidding** Procedure.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the following requirements.
 - (a) **CIDA registration is required as follows;**

Specialty	Grade
Water Supply and Sewerage	C3 or above
and	
Storm Water Disposal and Land Drainage	C3 or above

4. Qualification requirements to qualify for contract award include
 - 4.1 Bidder should have experience in at least three (03) construction contracts of similar nature (Water Supply and Sewerage, Storm Water Disposal and Land Drainage) and complexity, completed within the last ten (10) years. For consideration as completed, a minimum of seventy percent (70%) physical progress shall have been achieved at the time of bid submission.
 - 4.2 Average annual volume of construction work performed in last five years shall be at least **LKR 360 million.**
 - 4.3 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, until the project is taken over by the CPSTL, shall be not less than **LKR 90 million.**
 - 4.4 Managerial and Technical staff

Managerial:

- i. A Project Manager, a Chartered Engineer with minimum 10 years' experience full time basis for the project.

Technical:

- ii. A Civil Engineer with B.Sc. (Eng) or equivalent qualifications with more than 4 years site experience in similar works should be assigned to the project full time basis at site during foundation construction.
 - iii. 02 Technical Officers with NDT or equivalent qualifications with more than 4 years site experience in similar works should be assigned to the project full time basis at site during foundation construction.
 - iv. Safety officer with more than 4 years' experience in similar projects.
- 4.5 Essential equipment - Excavator/JCB -2 nos, bar bending machines -1 nos, Concrete Mixers -2 nos, Poker Vibrators -4 nos, Plate Compactors -2 nos, Scaffoldings, Surveying Equipment -2 nos, concrete breakers & compressors -2 nos, , 25-ton Crane -1 nos.
5. Interested bidders may obtain further information from the Manager Procurement of the Ceylon Petroleum Storage Terminals Limited, (Tele Phone+94 112572156, 1125721565 and Email: procure@cpstl.lk) and inspect the Procurement 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 Procurement document (excluding drawings) from CPSTL website; www.cpstl.lk .
 6. A complete set of Bidding Documents in English language may be purchased by interested bidders may obtain the Bidding Documents through any of the following methods:

(a) In-Person Collection:

By submitting a written application to The Manager (Procurement), Procurement Function Ceylon Petroleum Storage Terminals Limited (CPSTL),1st Floor, New Administration Building Oil Installation, Kolonnawa, between **21.01.2026** and **17.02.2026**, 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 50,000.00. Payment can be made:

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

(b) By Email Request:

Making a cash payment of the non-refundable fee of LKR 50,000.00 to the CPSTL bank account (bank details provided below), and Sending proof of payment (a copy of the bank slip or transfer confirmation), along with a written request on company letterhead, via email to procure@cpstl.lk , between **21.01.2026** and **17.02.2026**, 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/06/2026]) 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

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, Ministry Procurement Committee (MPC), 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 **18.02.2026**.
8. In case the bidders are unable to submit the original bids as above, they could submit the scanned copy of the duly filled Procurement documents in PDF format via email to tenders@cpstl.lk to reach on or before **1400 hrs. on 18.02.2026** 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 **18.02.2026**
 - iii. The title and closing date of the tender must be indicated as the subject of the email.
 - iv. The size of an email (including attachments) must not exceed 20 MB. If the attachment exceeds 20 MB, the bidder must split the attachments and send them as separate emails (e.g., 01 of 03, 02 of 03, 03 of 03).
 - v. Direct links to external sites or shared folders (e.g., Google Drive) are strictly prohibited.
 - vi. Do not CC or BCC any other official or personal email IDs of CPSTL staff.
 - vii. The original 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.
9. Bids shall be valid up to **17.06.2026**.
10. All bids shall be accompanied by a Bid Security of LKR 3,600,000.00 (Sri Lanka Rupees Three Million Six Hundred Thousand only). Bid Security shall be valid up to **15.07.2026**.
11. A pre-bid meeting will be held at 1000 hrs on **05.02.2026** at the office of DGM (Engineering and Support Services), Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa.

The address referred to above is

**The Chairman, Ministry 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 2572156, +94 11 2572155
E-mail : procure@cpstl.lk**

SECTION 1

INSTRUCTIONS TO BIDDERS

DUPLICATE

INSTRUCTIONS TO BIDDERS

Instructions to Bidders applicable to this contract are that given in Section-I of the Standard Procurement Document for Procurement of Works - Major Contracts. ICTAD Publication No. ICTAD/SBD/02, Second Edition, January 2007, published by the Construction Industry Development Authority (CIDA), "Savsiripaya", 123, Wijerama Mawatha, Colombo 07.

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

Instructions to Bidders shall be read in conjunction with the Procurement Data provided under Section-2 of the Procurement Document.

Instructions to Bidders will not be a part of the contract and will cease to have effect once the Contract is signed.

SECTION – 2**BIDDING DATA**

This section shall be read in conjunction with Section I – Instructions to Bidders, and is intended to provide specific information in relation to corresponding clauses in Section I. Whenever there is a discrepancy, the provisions in Section 2 – Bidding Data shall supersede those provided in the Section I - Instructions to Bidders.

BIDDING DATA

<u>Bidding Data</u>	
Instructions to Bidders Clause Reference	
1.1	<p>Employer's Name and Address:</p> <p>Chairman / Managing Director Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya, Sri Lanka.</p>
1.1	<p>Scope of Works</p> <p>“Upgrading of diking and oil recovery system in tank farm at Kolonnawa Installation – Stage 1”</p> <p>The Works consist of the procurement of required materials and the construction, upgrading, and rehabilitation of the oily water recovery system at Kolonnawa Installation, including earthwork and demolishing works, installation of slop oil tanks, construction of Oily Water Separator No. 02 and Oily Water Separator No. 03, installation of floating skimmers, repairs to existing interceptors, construction of storm water drains, oily water drains with DI pipelines/hume pipes, construction of dike walls with tank farm access, earth ramps, construction of manholes, valve pits, catch pits, improvements to the storm water pond area together with all associated civil, mechanical, and ancillary works required for the complete installation in accordance with the relevant standards and specifications.</p>
1.2	<p>Time for Completion</p> <p>The Time for Completion for the whole of works shall be 365 Calendar Days.</p>
2.1	<p>Source of funds</p> <p>The source of funds is Ceylon Petroleum Storage Terminals Limited.</p>
4.1	<p>Qualification Information</p> <p>The following information shall be provided in Section 9 - Schedules:</p> <ul style="list-style-type: none"> • ICTAD (CIDA) registration <ul style="list-style-type: none"> Registration number Grade Specialty Expiry date • Copy of Business Registration of the Company • VAT / SSCL registration numbers (if applicable) • Form PCA 03 (if applicable) • Construction program • Legal status (Sole proprietor, Partnership, Company etc.) • Authentication for signatory in the form of Power of Attorney (Specifically for this Bid)

	<ul style="list-style-type: none"> • 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 ten years • Construction equipment • Staffing • Work plan, method statements, QA/QC procedures and HSE policy • Details of the suppliers and manufactures 								
4.2	To qualify for the award of the Contract, bidder shall meet the following minimum qualifying criteria specified under 4.2 (a), 4.2 (b), 4.2 (c), 4.2 (d), 4.2 (e) and 4.2 (f) of “Bidding Data”. Any bidder who does not submit required details in the requested manner will be liable for rejection of his bid without requesting any clarification.								
4.2(a)	<p>CIDA registration required</p> <p>(i) CIDA registration is required as follows;</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <th style="text-align: left;">Specialty</th> <th style="text-align: left;">Grade</th> </tr> <tr> <td>Water Supply and Sewerage</td> <td>C3 or above</td> </tr> <tr> <td colspan="2" style="text-align: center;">and</td> </tr> <tr> <td>Storm Water Disposal and Land Drainage</td> <td>C3 or above</td> </tr> </table>	Specialty	Grade	Water Supply and Sewerage	C3 or above	and		Storm Water Disposal and Land Drainage	C3 or above
Specialty	Grade								
Water Supply and Sewerage	C3 or above								
and									
Storm Water Disposal and Land Drainage	C3 or above								
4.2(b)	<p>Average annual volume of construction work performed in last 5 years</p> <p>Average annual volume of construction work performed in last five years shall be at least LKR 360 million.</p> <p>Details shall be entered in Schedule 2 of Section 9; “Schedules”. Documentary evidence such as copies of audited financial statement/accounts certified by an Attorney at Law for the last five (05) years (2019/2020, 2020/2021, 2021/2022, 2022/2023 and 2023/2024) shall be submitted.</p>								
4.2(c)	<p>Experience</p> <p>Bidder should have experience in at least three (03) construction contracts of similar nature (Water Supply and Sewerage, Storm Water Disposal and Land Drainage) and complexity, completed within the last five (10) years. For consideration as completed, a minimum of seventy percent (70%) physical progress shall have been achieved at the time of bid submission.</p> <p>Details shall be entered in Schedule 4 of Section 9; “Schedules”. Documentary proof (Copy of PO, performance certificate, completion certificate, agreement etc.) for successful completion of the work relating to experience shall be submitted with the offer.</p> <p>The bidders shall have very clear documentary evidence in English Language as proof of having above experience.</p>								
4.2(d)	<p>Essential equipment</p> <p>Proposals for the timely acquisition (own, lease, hire, etc.) of the following</p>								

	<p>minimum required essential equipment as applicable for relevant package shall be entered in Schedule 5 of Section 9 “Schedules”.</p> <p>Excavator/JCB -2 nos, bar bending machines -1 nos, Concrete Mixers -2 nos, Poker Vibrators -4 nos, Plate Compactors -2 nos, Scaffoldings, Surveying Equipment -2 nos, concrete breakers & compressors -2 nos, , 25-ton Crane -1 nos.</p>
4.2(e)	<p>Managerial and Technical staff</p> <p>Following minimum staff shall be available and deployed to the Contract. Details shall be entered in Schedule 6 of Section 9; “Schedules”. The bidder shall produce documentary proof for availability of following staff and their detailed Bio-Data.</p> <p>(i) Managerial:</p> <p>a. A Project Manager, a Chartered Engineer with minimum 10 years experience full time basis for the project.</p> <p>(ii) Technical:</p> <p>a. A Civil Engineer with B.Sc. (Eng) or equivalent qualifications with more than 4 years site experience in similar works should be assigned to the project full time basis at site during foundation construction.</p> <p>b. 02 Technical Officers with NDT or equivalent qualifications with more than 4 years site experience in similar works should be assigned to the project full time basis at site during foundation construction.</p> <p>c. Safety officer with more than 4 years’ experience in similar projects.</p> <p>This is the minimum requirement and the successful bidder shall assign all other necessary staff to enable compliance with all other contractual stipulations. If any professionals occupied for special work, those should be deployed full time basis during the relevant work.</p>
4.2(f)	<p>Liquid assets and /or credit facilities required</p> <p>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, until the project is taken over by the CPSTL, shall be not less than LKR 90 million.</p>
8	<p>Site Visit</p> <p>Prior to submitting a bid, bidders shall familiarize themselves and shall be deemed to have done so. The bidders shall inform DGM (E & SS), Engineering Function, Oil Installation, CPSTL, Kolonnawa, Wellampitiya (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.</p> <p>The bidders are advised to limit the number of persons, for the visit, due to the security reasons. Site visit will be permitted during 0830 – 1600 hrs except Sundays and Mercantile Holidays. The cost of such visits shall be borne by the bidder.</p>
10.1	Clarification of Procurement Documents

	<p>Employer's address for clarification in Procurement document is as below.</p> <p>The Chairman, Ministry Procurement Committee, C/o Manager Procurement, Ceylon Petroleum Storage Terminals Limited, Procurement Function, New Building, Oil Installation, Kolonnawa, Wellampitiya, Sri Lanka. Postal Code : 10600</p> <p>Telephone : +94 11 2572156, 94112572155</p> <p>E-mail : procure@cpstl.lk</p>
13	<p>Documents comprising the Bid</p> <p>The Bid submitted by the bidder shall comprise the following:</p> <p>(A) Enclosed in the envelope marked as "ORIGINAL";</p> <ul style="list-style-type: none"> (a) Duly filled and signed Form of Bid (in the format indicated in section 7); (b) Bid Security (in the format indicated in section 11); (c) Power of attorney for the signatory to the Bid in English language. (d) Original of Form PCA 03 (if applicable) (e) Copies of VAT / SSCL registration (if applicable) (f) Section 2 - Bidding Data (g) Section 4 - Contract Data (h) Section 6 - Specifications; (i) Section 8 - Priced Bill of Quantities; (j) Section 9 - Duly filled Schedules; (k) Section 10 - Drawings; and (l) Detailed "Construction Procedure" of the project including related procurement, construction, workshop procedures, testing, commissioning and documentation such as catalogues, literature, write-ups to supplement with adequate information. Manufacture/supplier, country of origin, country of manufacture shall be clearly mentioned. <p>(B) Enclosed in the envelope marked as "COPY"</p> <ul style="list-style-type: none"> (a) Duly filled and signed Form of Bid (in the format indicated in section 7); (b) Section 8 - Priced Bill of Quantities; (c) Section 9 - Duly filled Schedules; (d) Detailed "Construction Procedure" of the project including related procurement, construction, workshop procedures, testing, commissioning and documentation such as catalogues, literature, write-ups to supplement with adequate information. Manufacture/supplier, country of origin, country of manufacture shall be clearly mentioned.
14.3	<p>SSCL component and VAT component shall not be included in the rates.</p> <p>If bidder is registered for VAT, the bidder shall indicate the amount of VAT claimed separately at the end of the Bill of Quantities, in addition to the net value of the bid, along with VAT registration number. The amount written on the Form of bid shall be without VAT.</p>

	<p>If any bidder is not registered for VAT, he shall indicate the net value of the bid. Under the category bidder shall obtain a letter from the Commissioner of Inland Revenue Department, certifying the Company has not been registered for VAT, shall be attached to the bid. Any bidder who does not comply with this requirement will be liable for rejection of his bid</p>
14.4	<p>Adjustments for change in cost The Contract is subjected to price adjustment</p>
15.1	<p>Currency of Bid Currency of Bid shall be Sri Lanka Rupees (LKR)</p>
16.1	<p>Period of Bid validity: The Bid shall be valid up to 17.06.2026</p>
17.1	<p>The amount of Bid Security The Amount of Bid Security is LKR 3,600,000.00 (Sri Lanka Rupees Three Million Six Hundred Thousand only)</p>
17.2	<p>Validity of Bid Security The Bid Security shall be valid up to 15.07.2026 as per attached specified format.</p> <p>Securities and Guarantees shall be irrevocable and unconditionally en-cashable upon the first written request from the Procuring Entity.</p> <p>The bid securities issued by the following agencies are acceptable;</p> <ul style="list-style-type: none"> • a commercial bank operating in Sri Lanka with a valid licence issued by the monetary board of Sri Lanka
19.1	<p>Pre-Bid meeting A pre-bid meeting will be held at 1000 hrs. Local time on 05.02.2026 at the office of Deputy General Manager (E & SS), Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa. Subsequently, a site visit will be arranged.</p> <p>All costs incurred in attending to this pre bid meeting and site visit will have to be borne by the Bidder.</p>
21.2 (a)	<p>Employer's Address for Bid submission Employer's address for the purpose of bid submission is the Office of the The Chairman, Ministry Procurement Committee, C/o Manager Procurement, Ceylon Petroleum Storage Terminals Limited, Procurement Function, New Building, Oil Installation, Kolonnawa, Wellampitiya, Sri Lanka. Postal Code : 10600</p>
21.2 (b)	<p>Identification number of Contract Identification Numbers of the Contract: KPR/06/2026</p>
22.1	<p>Deadline for submission of Bids</p>

	Deadline for submission of Bids: 1400 hrs. 18.02.2026
25.1	<p>Bid opening</p> <p>Venue: Office of Manager Procurement, Ceylon Petroleum Storage Terminals Limited, Procurement Function, New Building, Oil Installation, Kolonnawa, Wellampitiya, Sri Lanka.</p> <p>or such other place in same Procurement premises as arranged if the Manager Procurement's Office is not available.</p> <p>The Bid Opening Committee (BOC) as appointed by the MPC, will open the bids in the presence of the authorized representatives of the bidders, who choose to attend at the time on the date and at the opening place specified above. Authorized representatives of the bidders so attending shall sign a register as proof of their attendance. Name of the bidders, bid prices, discounts, presence or absence of the requisite bid securities, and any other relevant information, which the BOC at its discretion, may consider to be appropriate, will be announced, at the opening.</p> <p>Time: 1400 hrs. Date: 18.02.2026</p>
32	<p>Award of Contract</p> <p>The Appeal Process shall be applicable in accordance with Section 8 of the Procurement Guidelines – 2024 on Goods, Works, and Non-Consulting Services issued by the National Procurement Commission.</p>
35.1	<p>Amount of Performance Security</p> <p>Performance Security acceptable to the Employer given in the Form for Performance Security given in the Procurement document shall be a Guarantee obtained from;</p> <ul style="list-style-type: none"> • a commercial bank operating in Sri Lanka with a valid licence issued by the monetary board of Sri Lanka, <p>The amount of Performance Security is 5% of the Initial Contract Price, in the currencies and proportions in which the Contract Price is payable.</p> <p>The Performance Security shall be valid until 28 days beyond the expected completion date of Defects Liability Period.</p>
37	<p>Adjudicator</p> <p>The Adjudicator proposed by Employer is Institute for Construction Training and Development ICTAD / (CIDA).</p> <p>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.</p>

SECTION – 3
CONDITIONS OF CONTRACT

Conditions of Contract shall be read in conjunction with the Section 4 – Contract Data, which shall take precedence over the 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 Procurement Document for Procurement of Works- Major Contracts, ICTAD Publication No. ICTAD/SBD/02, Second Edition, January 2007, Addendum 01 issued in October 2009, published by the Construction Industry Development Authority (CIDA)“Savsiripaya” 123, Wijerama Mawatha, Colombo 7.

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

Conditions of Contract shall be read in conjunction with the Section 4 – Contract Data, which shall take precedence over the Conditions of Contract.

DUPLICATE

SECTION – 4**CONTRACT DATA**

This section shall be read in conjunction with Section 3 – Condition of Contract, and is intended to provide specific information in relation to corresponding clauses in Section 3. Whenever there is a discrepancy, the provisions in Section 4 – Contact Data shall supersede these provided in the Section 3 - Condition of Contract.

CONTRACT DATA

Conditions of Contract Clause Number/s		
1.1.2.2 & 1.3	Employer's Name and Address	Name: Chairman Address: Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya, Sri Lanka.
	Employer's Representative	Name: Manager Procurement Address: Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya, Sri Lanka.
1.3	Contractor's Name & Address:	Name: Address:
1.1.2.4 & 1.3	Engineer's name & Address	Name: Engineering Manager Address: Engineering Function, Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya, Sri Lanka.
1.1.3.3	Time for Completion of the Works	The Time for Completion for the whole of works shall be 365 Calendar Days.
1.1.3.7	Defects Notification Period	Defects Notification Period is Three Hundred Sixty-Five (365) Days for the related system
2.1	Right of access to the Site	14 days after Letter of Acceptance
4.2.1	Amount of Performance Security	The amount of Performance Security is 5% of the Initial Contract Price, in the currencies and proportions in which the Contract Price is payable. Performance Security acceptable to the Employer given in the Form for Performance Security given in the Procurement document shall be a Guarantee obtained from;

		<ul style="list-style-type: none"> • a commercial bank operating in Sri Lanka with a valid licence issued by the monetary board of Sri Lanka, <p>The Performance Security shall be valid until 28 days beyond the expected completion date of Defects Liability Period.</p>
4.8	Safety Procedure	<p>Special Safety Conditions</p> <ol style="list-style-type: none"> i. Fire barriers to be erected and 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 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 adhered 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 CPSTL Kolonnawa 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 in to the CPSTL Kolonnawa Terminal. Safety clearances to be obtained before enter to the tank farm. vi. All contractor's personnel should possess valid police clearance certificate (Police Report) to obtain gate passes. 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: <ol style="list-style-type: none"> 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.
6.4	Working Hours	<ul style="list-style-type: none"> i. Normal working hours of CPSTL from Monday to Friday is from 0730 hrs. to 1630 hrs. ii. In the work programme, contractor can consider Saturday and period from 1630 hrs to 1800 hrs on weekdays as a working period, for which the contractor is required to obtain prior permission since the offices are normally closed on Saturdays and after hours. iii. However, working on Statutory holidays, Sundays and after 1800 hrs. on working days will not be permitted. <p>Provided always that provision of above (iii) shall not be applicable in case of any work which is customary to carry out, outside normal working hours.</p>
8.7	Liquidated damages for the Works	0.2% of the Initial Contract Price per day
8.7	Maximum amount of liquidated damages	10% of the Initial Contract Price
12.2 (b)	Method of Measurement	Sri Lanka Standard 573: 1999 UDC 69(08374)
13.4(b)	Percentage for Adjustment of Provisional Sums	Not applicable

ITEM	CIDA Index No.	DESCRIPTION	% Contribution
2	M6	Rubble	1.78%
3	M7	20 mm metal	1.13%
4	M8	Sand	1.84%
5	M13	Reinforcement steel	9.99%
6	M14	Structural steel	0.92%
7	M21A	Formwork Timber	4.89%
8	M39	Ready mix concrete	6.74%
9	M44	Hume Pipe	2.73%
10	M45	Earth	5.01%
11	M46	Zink Aluminium Sheet	0.51%
12	M47	Ductile Iron Pipe	17.69%
13	M53	Gabion Box	2.03%
14	L1	Skilled Labour	5.96%
15	L3	Unskilled Labour	13.64%
16	P1	Small Equipment	6.56%
17	P2	Heavy Equipment	2.95%
18	P3	Fuel	1.21%
Total			90.0%

Non-Adjustable Elements shall be:
Item No. 1.1, 1.2, 2.1, 2.4, 6.1

14.2	Total Advance Payment	20 % of the Initial Contract Price excluding Provisional Sums & Contingencies in applicable currencies. The advance payment securities issued by the following agencies are acceptable; <ul style="list-style-type: none"> • a commercial bank operating in Sri Lanka with a valid licence issued by the monetary board of Sri Lanka.
14.2	Number and timing of instalment for Advance Payment	20% of Initial Contract Price in applicable currencies, will be paid in two equal instalments. Stage 1- The first ten percent (10%) of Initial Contract Price will be paid within 14 days from receipt of both Performance Security and Advance Payment Guarantee as required under clause 4.2 and 14.2 respectively. Stage II- Balance ten percent (10%) of Initial Contract Price will be paid after successfully mobilization at the site after receipt of mobilization Advance Payment Guarantee.
14.3(c)	Percentage of Retention	10% of certified value of works
14.3(c)	Limit of Retention	5% of the Initial Contract Price
14.5	Minimum amount of interim payment certificates	LKR 10 million
14.8	Alternative method for Payment of Retention	Not applicable
18.1 (a)	Insurance for Works	For an amount not less than 115% of Initial Contract Price.
18.1 (b)	Insurance for Contractor's Equipment	Contractor's responsibility
18.2	Third Party Insurance (including Employer's Property)	Insurance cover to the amount of LKR 100 Million for the entire period of construction work. The contractor shall take special measures to safeguard the adjacent storage tanks and allied facilities at the site.
18.3	Insurance for Contractor's Personnel	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.

SECTION 5

STANDARD FORMS (CONTRACT)

- **FORM OF LETTER OF ACCEPTANCE**
- **FORM OF AGREEMENT**
- **FORM OF PERFORMANCE SECURITY**
- **FORM OF ADVANCE PAYMENT SECURITY**

Notes on Standard Forms (Contract):

Bidders should not complete the Form of Agreement at the time of preparing of bids. The successful Bidder will be required to sign the Form of Agreement, after the award of contract. Any corrections or modifications to the accepted bid resulting from arithmetic corrections, acceptable deviations, or quantity variations in accordance with the requirements of the bidding documents should be incorporated into the Agreement.

The Form of Performance Security, Form of Advance Payment Security and Form of Retention Money Guarantee should not be completed by the Bidders at the time of preparation of bids. The successful Bidder will be required to provide these securities in compliance with the requirements herein or as acceptable to the Employer.

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.

You are hereby instructed to proceed with the execution of the said Works in accordance with the Contract documents.

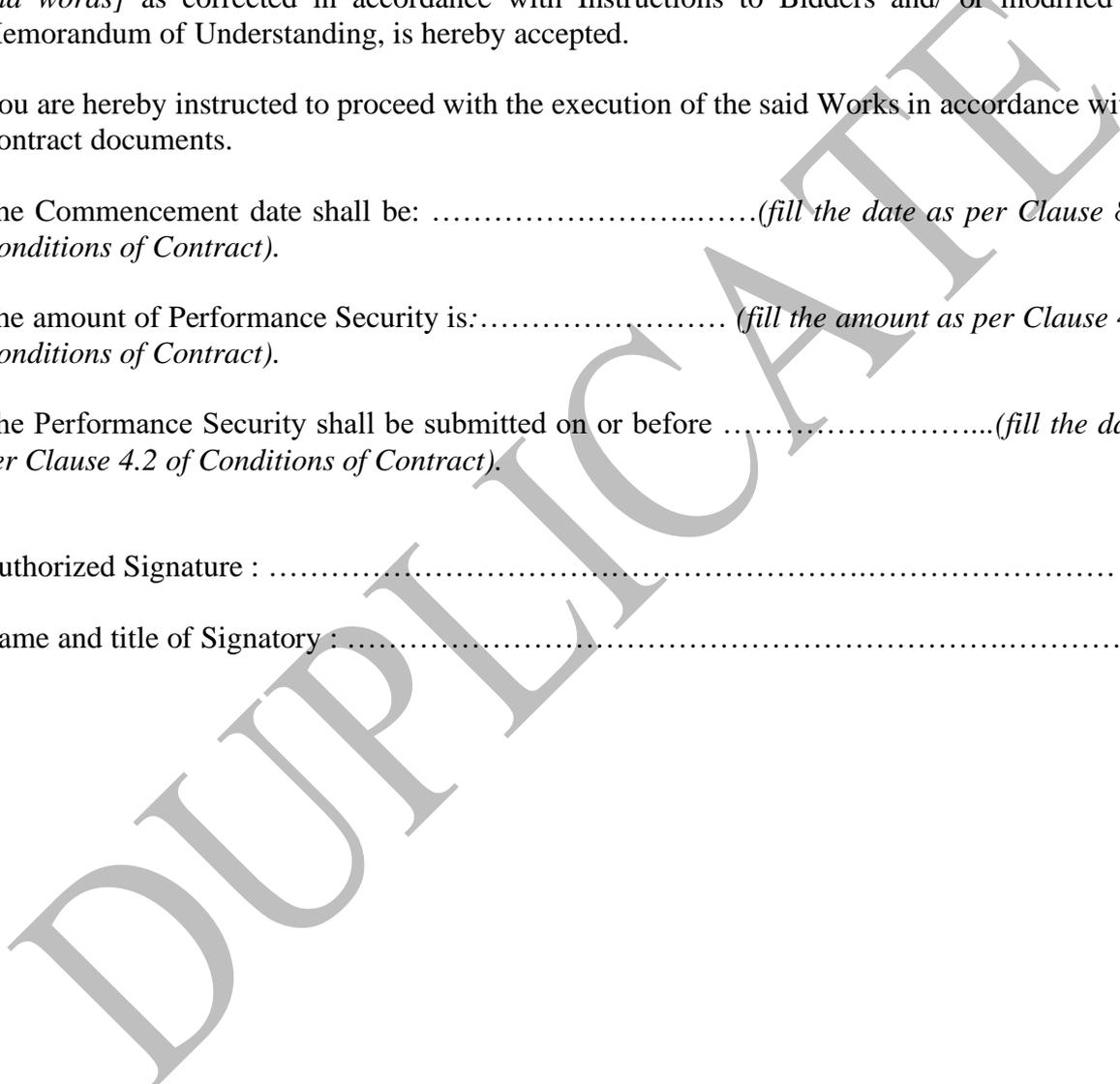
The Commencement date shall be:*(fill the date as per Clause 8.1 of Conditions of Contract)*.

The amount of Performance Security is:..... *(fill the amount as per Clause 4.2 of Conditions of Contract)*.

The Performance Security shall be submitted on or before*(fill the date as per Clause 4.2 of Conditions of Contract)*.

Authorized Signature :

Name and title of Signatory :



FORM OF AGREEMENT

This Agreement made the[day] of [month] 20.....[year], between **Chairman, Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya**[name and address of Employer] (hereinafter called and referred to as “the Employer”), of the one part, and [name and address of Contractor] (hereinafter called and referred to as “the Contractor”), of the other part:

Whereas the Employer desires that the Contractor execute [name and identification no of Contract](hereinafter called and referred to as “the Works”) and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and remedying of any defects therein.

The Employer and the Contractor agree as follows:

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

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

.....
Authorised signature of Contractor

.....
Authorised signature of Employer

COMMON SEAL

COMMON SEAL

In the presence of
Witnesses :

Name and NIC No.

Signature

Address

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, Kolonnawa , Wellampitiya

Date:.....

PERFORMANCE GUARANTEE No:.....

We have been informed that
.....[Name of Contractor](Hereinafter called “The Contractor”) has entered into
Contract No. [Reference number of the contract] dated
..... with you, for the
.....(insert “Construction”) of
..... (Name of Contract and
brief description) (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 theday of 20.....[insert date,28 days
beyond the time of completion] 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 Issued branch or Office]*

Beneficiary: Ceylon Petroleum Storage Terminals Limited, Kolonnawa , Wellampitiya

Date:

ADVANCE PAYMENT GUARANTEE No:.....

We have been informed that *[Name of Contractor]* (hereinafter called “ The Contractor”) has entered into Contract No. *[reference number of the contract]* dated with you , for the Construction of (Name of Contract and 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]*) is 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 the date, 28 days beyond the Time of Completion)

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

[Signature(s)]

SECTION – 6

SPECIFICATIONS

DUPPLICATE

Specifications

The Works under this Contract shall be executed in accordance with the Specifications given in the following documents issued by the Institute for Construction Training and Development (ICTAD), “Savsiripaya”, Wijerama Mawatha, Colombo 07.

Publication No.:	Description:
SCA/4(Vol. I)	Specifications for Building Works, Vol. (I), Sri Lanka. 3rd Edition (revised) – July 2004.
SCA/4(Vol. II)	Specifications for Building Works Vol. (II), Sri Lanka. 2nd Edition (revised) – October 2001.
CIDA/SP/102	Specifications for Irrigation & Land Drainage – [1st Edition – January 2017]
SCA/3/2 - Volume I	Specifications for Water Supply Sewerage & Storm Water Drainage Works (Volume I) (April 2021)
SCA/3/2 - Volume II	Specifications for Water Supply Sewerage & Storm Water Drainage Works (Volume II) (April 2021)
SCA/3/2 - Volume III	Specifications for Water Supply Sewerage & Storm Water Drainage Works (Volume III) (April 2021)
CIDA/DEV/17	Specifications for Site investigation for Foundations Of Building and Civil Engineering Works
SCA/8	Specifications for Electrical & Mechanical Works - [2nd Edition (Revised) – 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 in this Procurement document.

However, the bidders may purchase the same if necessary, from CIDA. “Savsiripaya”, Wijerama Mawatha, Colombo 07.

6.1 CPSTL Scope of supply

6.1.1 Construction Utilities

- i. 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.
- ii. The electrical power supply is available to the contractor subjected to following conditions.
 - i. CPSTL shall provide only the power supply tapping point with a meter at the nearest switch room.
 - ii. Contractor shall supply and install his own feeder cables and power distribution board required for the work site from the tapping point.
 - iii. The maximum power CPSTL shall supply is 63A, 400V, 50Hz, 3 Phase.
 - iv. The electricity charge shall be deducted from the Final Bill of the Contractor.
 - v. 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.
 - vi. Engineer shall estimate the bill on above basis in occasions the power supply is provided without a meter.

6.2 Contractor's Scope of Works

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 Procurement Document.

- 6.2.1 The Contractor shall supply all labour, materials, equipment, tools, and consumables required for the complete execution of the Works.
- 6.2.2 The Contractor shall carry out all earthwork and demolishing works necessary for the proposed development, including excavation, backfilling, disposal, and site grading.
- 6.2.3 The Contractor shall construct and install the slop oil tanks in accordance with the approved drawings, specifications, and applicable industry standards.
- 6.2.4 The Contractor shall construct Oily Water Separator No. 02 and Oily Water Separator No. 03, including associated civil, mechanical, and piping works.
- 6.2.5 The Contractor shall repair and rehabilitate the existing interceptors, ensuring proper alignment, structural integrity, and operational performance.
- 6.2.6 The Contractor shall carry out improvement works to the storm water pond area after cleaning mud/sludge (if required), including reconfiguration, lining, embankment protection, and inlet/outlet arrangements.
- 6.2.7 The Contractor shall construct storm water drains, and outfalls as specified.
- 6.2.8 The Contractor shall supply and install DI pipelines, including fittings, valves, supports, and testing.
- 6.2.9 The Contractor shall install hume pipe drains including bedding, jointing, alignment, and connection to the drainage network.

- 6.2.10 The Contractor shall construct diking walls at the system locations as per the specified dimensions, materials, and reinforcement requirements.
- 6.2.11 The Contractor shall construct access to the tank farm and earth bund walls as required for containment and access purposes.
- 6.2.12 The Contractor shall construct manholes, valve pits, and catch pits complete with covers, frames, steps, and internal finishes.
- 6.2.13 The Contractor shall ensure compliance with all applicable standards, codes of practice, statutory requirements, and safety regulations during the execution of the Works.
- 6.2.14 The Contractor shall maintain proper housekeeping, site safety, environmental protection measures, and temporary facilities throughout the contract period.
- 6.2.15 The Contractor shall perform testing, commissioning, and quality verification of all constructed facilities prior to handing over.
- 6.2.16 The Contractor shall prepare and submit all required method statements, shop drawings, test reports, as-built drawings, and operation and maintenance documentation upon completion of the Works.

6.3 Contractor's Scope of Supply

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

- 6.3.1 Supply of all materials for successful completion of the project.
- 6.3.2 Supply of all consumables such as welding electrodes, gas for cutting, grinding discs, temporary erection materials and all other consumables necessary for the proper execution of the job.
- 6.3.3 Supply of all construction equipment such as concrete mixers, welding machines, metal cutting equipment, air compressors, cranes, soil compacting and cutting equipment, material transportation vehicles, rigging equipment, jacks, scaffolding materials, planks, corrugated metal sheets, fire blankets and tools and other equipment where necessary.
- 6.3.4 Supply of two nos. floating skimmer units including all accessories for two nos. oil separators. The utilities such as electricity, compress air, etc. required for the successful operation of the separator to be supplied by the Contractor.
- 6.3.5 Supply of all inspection and testing equipment to perform necessary inspection and testing.
- 6.3.6 All direct requirements of field equipment such as fuel, lubrication oil etc. the contractor intends to mobilize at site.
- 6.3.7 Contractor shall submit detailed method statement as per Qualification Information as an Annex with Bid Document.
- 6.3.8 All drawings, method statements, time schedules, as built drawings and other related documents shall be prepared and submitted by the contractor.
- 6.3.9 Quality assurance records shall be maintained by the contractor and these records shall be given to Engineer upon completion of each job.
- 6.3.10 The Contractor shall submit the required securities, bonds and insurance covers as per the requirements.
- 6.3.11 The Contractor shall submit soft copies and two sets of hard copies of as built drawings, all catalogues, manuals, reports and required documents in English language as directed by the Engineer, Drawings to be submitted in ACAD (dwg) format.

6.3.12 Construction Utilities (Electrical)

- 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. The whole electrical installation of the contractor should conform to IET wiring regulations (17th Edition) published by the Institution of Engineering and Technology (I.E.T), London.

6.3.13 Quality of Materials

The Contractor shall supply all material to be used under the scope of this contract with a proven quality.

6.3.14 QA/QC Reports

The Contractor shall furnish all the QA/QC reports including test reports pertaining to the completed work.

6.3.15 Materials

Bidders are specifically cautioned to the following minimum considerations, which will be reviewed by the Engineer prior to approving any materials. All material test certificates shall be submitted together with the approval request.

6.3.16 Safeguarding the Materials and Equipment

CPSTL shall not be responsible for theft damage or loss of any of the materials and equipment during the construction/installation. Materials and equipment shall be covered and protected against dirt, water, moisture, sand and chemical or mechanical injury. Upon completion of all works the materials and equipment shall be thoroughly cleaned, adjusted and tested to demonstrate its proper operation to the Engineer.

All materials and equipment shall be properly and adequately protected by the contractor before, during, and after installation. Material or Equipment damaged due to inadequate attention of the Contractor shall not be accepted and the client reserves the right to request replacements for such equipment at the handing over. Replacement of items damaged due to unavoidable circumstances during removal shall be paid on measure and pay basis. It is the responsibility of the Contractor to clean the installation at close of work every day and also to hand over a clean and neat installation at completion.

6.3.17 As-Built Drawings

The Contractor shall maintain a complete set of drawings at the site on which details shall be marked exact locations of all installations complete with dimensions. The termination and equipment layout shall be marked during the installation and the Contractor shall obtain the approval of such sketches and hand over to the Engineer for the preparation of As-Built Drawings.

6.3.18 Samples

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

6.3.19 Ductile Iron Pipes for Oily Water Transportation

- i. **Scope**

Supply, testing, and installation of ductile iron (DI) pipes and fittings for conveying oily water / oil-contaminated wastewater in industrial facilities. The system is non-potable.
- ii. **Standards**

ISO 2531 / EN 545 / EN 598 (Pipes & fittings); ISO 4179 (Cement mortar lining); ISO 8179 (External zinc coating); ISO 7005-2 / EN 1092-2 (Flanges); ISO 4633 / EN 681-1 (NBR gaskets).
- iii. **Material**

Centrifugally cast ductile iron with minimum tensile strength 420 MPa, yield strength 300 MPa, and elongation 10%.
- iv. **Pressure Class**

PN 10, suitable for operating and surge conditions.
- v. **Internal Lining**

Factory-applied cement mortar lining by centrifugal process using OPC or sulphate-resisting cement. Minimum thickness: DN < 300 mm - 3 mm; DN 350-600 mm – 4 to 5 mm; DN > 700 mm – 5 to 6 mm. Lining shall be smooth, dense, continuous, and free from cracks or exposed metal.
- vi. **External Coating**

Zinc coating minimum 200 g/m² with bituminous or epoxy finishing layer, suitable for buried installation.
- vii. **Joints & Connections**
 - a. **Socket & Spigot:** Push-on (Tyton type) or mechanical joints with oil-resistant NBR rubber gaskets conforming to ISO 4633 / EN 681-1 (NBR).
 - b. **Flanged:** Integrally cast flanges or flanged adaptors to ISO 7005-2 / EN 1092-2, PN matching pipe class, with NBR gaskets and corrosion-protected with hot dipped galvanized stud bolts & nuts, materials should be complied with ASTM standards.
- viii. **Fittings**

Ductile iron fittings to matching standards, pressure class, lining, and coating as pipes. Ends shall be socket & spigot, flanged, or combination as specified.
- ix. **Testing & Inspection**

Factory hydrostatic pressure testing, visual inspection of lining and coating, and dimensional checks as per standards.
- x. **Marking**

Pipes and fittings shall be marked with manufacturer's name, DN, PN, standard reference, and year of manufacture.
- xi. **Limitation**

For high hydrocarbon concentration, aromatic solvents, continuous free oil, or temperatures above 50 °C, epoxy lining and higher-grade gaskets shall be evaluated.

6.3.20 Valves, etc.

Cast Steel Gate Valves (Class 150)

i. Operational Conditions

a. Maximum Working Pressure- 150 psi

b. Nominal Working Temperature- 45 °C

ii. Use for petroleum refined products such as Gas Oil, Gasoline, Kerosene, Fuel Oil and Aviation Turbine.

iii. The valves should be of outside screw and yoke type with rising stem non rising hand wheel, bolted bonnet and with solid or flexible wedge type plain gate and should conform to followings.

a. Designed as per API 6D & API 600.

b. End flanges shall be raised face type and flange dimensions should conform to ANSI B 16.5.

c. Face to face dimensions should conform to ANSI B 16.10.

d. Valve inspection and testing as per API 598.

iv. Materials of valve

a. Materials of component of the valve should conform to API 600.

* Body and bonnet -ASTM A 216 Gr. WCB

* Seat and Wedge facing -13% Chromium Steel

* Stud-ASTM A 193 Gr. B7

* Stud Nut-ASTM A 194 Gr. 2H

b. Trim material should be specified and should conform to API 600 normal trim material (supplier should forward manufacturer's certificate conforming the same).

c. The materials of all parts of the valve to be specified according to ASTM standard.

v. Other Conditions

a. Method of packing should be indicated in the quotation or Pro-forma Invoice.

b. Valves should be shipped with gate closed and flange closed with suitable material or end caps.

c. Exterior surface (un machined) should be painted with suitable paint to prevent corrosion and machined or threaded surface should be coated with easy removable rust preventive coating.

d. The method of testing should conform to API 598 and valid test certificate should be supplied with the items and the supplier should mention in the quotation or Pro-forma Invoice whether this can be supplied.

e. Period of guarantee and the conditions of guarantee should be mention in the quotation.

f. The supplier should forward the copy of certificate of Authority to use official monogram of API and the originals of internationally published catalogues/literature relevant to the valve.

g. The supplier should forward all details mentioned above for evaluation purposes. The offers of those who fail to submit requested details will not be considered for evaluation.

6.3.21 Oil Skimmers & Accessories

Scope: Supply, installation, testing and commissioning of oleophilic disc/drum type oil skimmer for API oil–water separator.

1. Service: Free oil removal; Location: Oil collection chamber ; Duty: Continuous; Fluid: Petroleum hydrocarbons
2. Type: Oleophilic disc/drum; Oil recovery capacity: Minimum 600 L/hr (free oil); Minimum oil film thickness: 0.5 mm ; High oil selectivity with minimum water entrainment
3. Materials of Construction: All wetted parts, discs/drum, scraper, oil trough, piping & fittings: SS 316
4. Drive & Electrical: Electric motor driven, continuous duty. Motor suitable for applicable hazardous area classification (Ex-proof/Flameproof as required). Power supply as per project specification.
5. Accessories: Motor, shaft, bearings, coupling, guards, scraper assembly, oil discharge trough, outlet piping, mounting brackets and supports.
6. Wear & Spare Parts (5 Years): Wear parts: Discs/drum, scraper blades, seals, bearings, couplings. Essential spares: One complete set of discs/drum, scraper assembly, bearings, seals & gaskets, fasteners, and one spare motor or critical motor components.
7. Training: Site training for CPSTL personnel during commissioning covering operation, routine maintenance, wear part replacement, and safety. Duration: Minimum 1 working day. Training manuals in English.
8. Installation: Installation in oil collection chamber as per API separator guidelines and good engineering practice.
9. Standards: API oil–water separator design guidelines; applicable IEC / ATEX / IS standards.
10. Testing: Visual inspection, functional test confirming 600 L/hr oil recovery, motor routine tests.
11. Documentation & Warranty: Datasheets, GA drawings, O&M manuals, 5-year spares list, training material. Warranty: 12 months from commissioning or 18 months from supply, whichever is earlier.

6.3.22 Slop oil tank spec include external/internal coating and painting

External Painting of underground tank

Underground tank exterior shall be painted as follows Surface Preparation – sand blast or grit blast cleaning comply to SA 2 ½ Painting

Description	Thickness	
SIGMA COVER 280 yellow green or Equivalent	60 microns DFT	Primer
SIGMACOVER 300 or Equivalent	150 microns DFT	Intermediate
SIGMACOVER 300 or Equivalent	150 microns DFT	Finish
Required overall paint thickness	360 microns DFT	
Sigma solvent – Thinner 91-92 or equivalent as specified in the manufacturer's data sheet.		

Internal Painting of underground tank

Surface Preparation – sand blast or grit blast cleaning comply to SA 2 ½

Painting

Description	Thickness	
SIGMA COVER 280 yellow green or Equivalent	60 microns DFT	Primer
SIGMAGUARD 720 grey or Equivalent	150 microns DFT	Intermediate
SIGMAGUARD 720 grey or Equivalent	150 microns DFT	Finish
Required overall paint thickness	360 microns DFT	
Sigma solvent – Thinner 91-92 or equivalent as specified in the manufacturer's data sheet.		

SECTION -07

FORM OF BID

DUPPLICATE

FORM OF BID

Name of Contract: **Upgrading of diking and oil recovery system in tank farm at Kolonnawa Installation – Stage 1**

To: **Chairman
Ceylon Petroleum Storage Terminals Limited,
Oil Installation,
Kolonnawa, Wellampitiya.**

Gentlemen:

1. Having examined the Standard Procurement Document - Procurement of Works – Major Contracts [ICTAD/SBD/02 - Second Edition, January 2007], Specifications, Drawings and Bills of Quantities and Addenda for the execution of the above-named Works, we the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the aforesaid Conditions of Contract, Specifications, Drawings, Bills of Quantities and addenda Nos.....for the sum of Sri Lankan Rupees
(LKR) or such other sums as may be ascertained in accordance with the said Conditions.
2. We acknowledge that the Contract Data forms part of our Bid.
3. We undertake, if our Bid is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Engineer’s notice to commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Contract Data.
4. We agree to abide by this Bid until the date specified in ITB Clause 16, and it shall remain binding upon us and may be accepted at any time before that date.
5. Unless and until a formal Agreement is prepared and executed this Bid, together with your written acceptance thereof, shall constitute a binding Contract between us.
6. We understand that you are not bound to accept the lowest or any bid you may receive.
7. We certify/confirm that we comply with the requirements as per ITB Clause 3 and 4 of the Procurement documents.

Dated this day of.....2026

Signature in the capacity of

duly authorized to sign bids for and on behalf of [in block capitals or typed]

Company Seal :

Name of the Signatory :

Designation :

Address :

Contact No. : Email:

Witness :

SECTION- 8
BILL OF QUANTITIES

DUPLICATE

PREAMBLE TO THE BILL OF QUANTITIES

It is the Bidder's responsibility to see that the prices include for complying with all the requirements of the other documents whether specifically referred to in Bill of Quantities.

The Bidder is advised to visit the site of the proposed work and it is the responsibility of the Bidder to ascertain the conditions governing access to the site, the extent of working space storage area etc.

1. This Bill of Quantities contains pages numbered from 38 to 64 Bidders are requested to see that no page is missing, no duplicate and that all TRADES are carried to SUMMARY at the end of the Bill of Quantities.
2. The Conditions of Contract, the Specifications and the Drawings are to be read in conjunction with the Bill of Quantities.
3. The cost of complying with all conditions, obligations and liabilities described in the Conditions of Contract, Specifications and the Bill of Quantities including all overhead charges and profit in carrying out the work as shown on the Drawings shall be deemed to be spread over and included in the prices of sums stated by the Bidder in the Bill of Quantities unless separately measured.
4. If the Bidder fails to price any items in the Bill of Quantities, then the cost of the work under such items shall be held to be spread over and included in the prices given against other items of work.
5. The quantities set out in the Bill of Quantities are provisional and cover the approximate scope of the work anticipated to be performed by the Contractor. The actual quantities used for final measurement purposes will be determined by the Engineer by measurement of the work completed by the Contractor.
6. Where trade names, brands and or Catalogue Numbers are referred to, sole preference to any material or equipment is not intended. Any other material or equipment may be used, provided that the characteristics of type, quality, appearance, finish, method of construction and / or performance is superior to the specified.
7. Whenever the method of measurement is not clear from the documents available, the principles as given in the Sri Lanka Standard 573: 1999 UDC 69(08374) shall be applicable.
8. Selected Bidder shall comply with the arrangement of work and be ready to work part by part as required by the Authorities of the Employer if applicable.
9. The unit and lump sum prices of the Bill of Quantities (referred to as the Contract Rates) shall, except in so far as is otherwise provided for under the Contract, be deemed to cover all obligations set out in the Contract, and all matters or things necessary for the proper completion and maintenance of the Works, and shall be fixed and binding upon the Contractor.
10. Unit prices when applied to the quantity of work performed under the Contract shall, and other sums specifically determined under the provisions of the Contract, constitute full remuneration to the Contractor under the Contract.
11. Each item shall be priced by the Bidder in Sri Lanka Rupees or Foreign Currency.
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, equipment, machinery and all costs in connection therewith.
 - iv. Waste of materials.
 - v. Protecting and clearing.
 - vi. Square cutting.
 - vii. Establishment charges, overhead charges and profit.
 - viii. All setting out works.
 - ix. For providing of method statements, calculations, proposals by Contractor, shop drawings and as built drawings.
 - x. The rate for each item shall also include for all the following.
 - a. 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.
 - b. Plant and equipment unless and otherwise included in preliminaries.
 - c. 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 Bidders are anticipating to give any discount, it shall be marked separately in the space allocated in the summary of Bill of Quantities. Provisional Sums shall not be considered when calculating discount.
15. All materials, equipment supplied shall be new, unused without any defects.
16. All materials used in the Works shall be of the best quality of their respective kinds as specified and shall be obtained from sources and suppliers approved by the Engineer and shall comply strictly with the tests prescribed or, where tests are not laid down in this Specification, with the requirements of the latest issue of the relevant British Standards or other Standards approved by the Engineer.
17. Metric units are used throughout the Bill of Quantities for measurement purposes unless otherwise indicated. Abbreviations used in the Contract are as follows: -

L.S.	-	Lump Sum
P.S.	-	Provisional Sum
m	-	Metre
m ²	-	Square metre
m ³	-	Cubic metre
kg	-	kilograms
nr	-	Numbers
LKR	-	Sri Lankan Rupees
USD	-	US Dollars

BILL OF QUANTITY**JOB: Upgrading of Diking and Oil Recovery System in Tank Farms at Kolonnawa Installation- Stage 1**

BOQ NO: E/53/2025

Item	Description	Unit	Qty	Rate Rs. Cts.	Amount Rs. Cts.
1	PRELIMINARIES				
1.1	Mobilization and de mobilization work with necessary temporary facilities to contractor's staff, client or consultant staff including site office, store facilities, sanitary facilities, safety facility, cost for necessary bonds and insurance etc.	Item	Allow		
1.2	Allow lump sum for necessary site clearing. Rate shall include for removing debris away from Kolonnawa premises and usable items to be stack and hand over to CPSTL RDD stores in Kolonnawa Installation.	Item	Allow		
Total Carried to Summary					
2	EARTH WORK & DEMOLISHING WORKS IN TANK FARMS ROAD WAYS				
2.1	Removing of unused shelters, interceptors, toilet block, posts, pits, drains and demolishing of structures where necessary etc.	PS	Allow	3,990,000.00	3,990,000.00
2.2	Tank farm slope correction by cutting of average 300 mm of existing earth of tank farm where necessary to keep 1% slope from tank to bund., laying of available soil and compacting of soil up to proposed level in tank farm area and removing of debris and excess earth from site.	m3	1,560.00		
2.3	Supply, filling (approximate average thickness 300 mm) and compaction of imported soil for necessary filling work in tank farms to maintain necessary slope correction (1% from tank to bunds and drains) as directed.	m3	4,920.00		

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
2.4	Indirect construction cost - Re installation of piping, data cable, power cable, sewer line, main roads , rail way lines , main road etc.	PS	1.00	6,666,670.00		6,666,670.00	
Total Carried to Summary							
3	INSTALLATION OF SLOP OIL TANKS						
3.1	Excavation for depth not exceeding 1.5m commencing from ground level in any material except rock requiring blasting part return fill in and ram and disposal of surplus soil. (for 3 tanks)	m ³	45.00				
3.2	Excavation for removing existing tank and foundation base to a depth exceeding 1.5m and not exceeding 3m commencing from 1.5m level in any material except rock requiring blasting part return fill in and ram and disposal of surplus soil. (for 3 tanks)	m ³	42.00				
3.3	Temporary earth work supports, in close planking in pit. (for 3 tanks)	m ²	135.00				
3.4	River Sand supplying, filling laying and compacting below the base slab and top of the base slab up to half of the tank. (for 3 tanks)	m ³	30.00				
3.5	Back filling of selected Approved earth spreading & levelling manually including watering in 225mm thick layers & Compaction using machine Rammer. (for 3 tanks)	m ³	45.00				
3.6	Allow Sum for necessary dewatering and dealing with water during construction. (If required) (for 3 tanks)	Item	1				
<u>Grade 25 Concrete-Ready mix concrete</u>							
3.7	Base slab - as per the drawing (for 3 tanks)	m ³	5.70				
3.8	Top slab - as per the drawing (for 3 tanks)	m ³	6.00				
<u>Formwork</u>							
3.9	Form work - base slab (for 3 tanks)	m ²	10.50				
3.10	Form work - base slab (for 3 tanks)	m ²	7.50				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
	Reinforcement						
3.11	Base slab - 10 mm dia. Tor steel bars @ 200mm c/c both ways (Double net)- (for 3 tanks)	kg	525.00				
3.12	Top slab - 10 mm dia. Tor steel bars @ 200mm c/c both ways (Double net) (for 3 tanks)	kg	600.00				
3.13	920 x 920 mm internal size (approximate) concrete manhole with 150 mm thick grade 25 concrete manhole walls and fixing of cover plate with angle iron frame as per the drawing and as directed. Rate shall include for necessary form work and apply one coat of anticorrosive paint and two coats of enamel paint after surface preparation of cover plate.	nr	3				
	SLOP OIL TANKS						
3.14	Supply, Fabrication and installation of steel tank to use for collecting slop oil (Underground tank), as per given drawings and specifications.	nr	3.00				
	Total Carried to Summary						
4	OILY WATER SEPARATOR TANK NO 03						
	<u>Near tank no. 41</u> <u>Excavation in any material except rock requiring blasting part return fill in and ram and disposal of surplus soil.</u>						
4.1	Excavation up to 1.5 m depth	m3	240.00				
4.2	Excavation up to 1.5m to 3 m	m3	240.00				
4.3	Excavation up to 3 m to 4.5 m	m3	110.00				
4.4	Dense graded 37.5mm Aggregate Base Course (ABC) supplying, filling, spreading, levelling, watering in 225mm thick layers and compaction using machine Rammer. Rate include hire charges of the machine rammer. (Average thickness 400mm)	m3	60.00				
4.5	Bolder filling for earth improvement	m3	100.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
	<u>Grade 15 Concrete-Ready mix concrete</u>						
4.6	Concrete (Grade 15) for 75 mm screed under base	m2	160.00				
	<u>Grade 35 Concrete-Ready mix concrete</u>						
4.7	RCC concrete (Grade 35) base	m3	60.00				
4.8	RCC concrete (Grade 35) wall	m3	50.00				
4.9	RCC concrete (Grade 35) sub component	m3	2.00				
	<u>Formwork</u>						
4.10	Form work - base	m ²	35.00				
4.11	Form work - wall external	m ²	200.00				
4.12	Form work - wall internal	m ²	195.00				
4.13	Form work - sub component	m ²	30.00				
	<u>Reinforcement</u>						
4.14	Reinforcement - 12mm dia. tor steel for base.	Kg	4,590.00				
4.15	Reinforcement - 12mm dia. tor steel for walls.	Kg	6,270.00				
4.16	Reinforcement-10 mm and 12mm dia. tor steel for internal component.	Kg	430.00				
	<u>Earth work support</u>						
4.17	Supply, fixing and removing of temporary earth work supports, in closed planking in trenches as per the drawing	m2	360.00				
	<u>Water bar</u>						
4.18	Supply and install of approved type water bar as per the drawing and as specification.	m	80.00				
	<u>Expansion joints</u>						
4.19	Provide necessary expansion joints as per drawing and as per specification.	Item	1.00				
	<u>Dewatering</u>						
4.20	Dewatering work using 2" dia. water pump.as per specification. (If required)	Item	1.00				

Item	Description	Unit	Qty	Rate Rs. Cts.	Amount Rs. Cts.
	<u>Oil Skimmers</u>				
4.21	Supply and fixing approved type skimmer as per specification. Supply, installation, testing and commissioning approved type skimmer as per specification. Required power supply with cable & wiring to be arranged from existing MCC at zone 03. Refer the attached drawing.	nr	2.00		
	<u>Zn/Al Roof Covering</u>				
4.22	Supply and fix zinc alum profile roofing colour sheet, laid on existing purlins with joints to be properly connected with an adequate side lap to ensure water tightness along the entire length and complete to working order. (Thick 0.47mm, AZ 150) Rate shall include for supply and fabrication and fixing of 2" dia. heavy duty GI pipe columns, 65x 65x6 mm angle iron rafters and 50x50x5mm angle iron purlin, 200x200x 6 mm MS base plates and necessary bolts and nuts as per the drawing. All steel sections to be painted by two coats of anticorrosive paint and one coated of enamel paint. GI pipes to be painted by using each primer and enamel paint.	m2	175.00		
	Total Carried to Summary				
5	OILY WATER SEPARATOR TANK No 2 (Near zone 03 Argo Chemicals office area) <i>Note:</i> <i>Excavation in any material except rock requiring blasting part return fill in and ram and disposal of surplus soil.</i>				
5.1	Excavation up to 1.5 m depth	m3	125.00		
5.2	Excavation up to 1.5m to 3 m	m3	125.00		
5.3	Excavation up to 3 m to 4.5 m	m3	125.00		
5.4	Dense graded 37.5mm Aggregate Base Course (ABC) supplying, filling, spreading, levelling, watering in 225mm thick layers and compaction using machine Rammer. Rate include hire charges of the machine rammer. (Average thickness 400mm)	m3	33.00		

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
5.5	Bolder filling for earth improvement - 600 mm average thick	m3	50.00				
	<u>Grade 15 Concrete- Ready mix concrete</u>						
5.6	Concrete (Grade 15) for 75 mm screed under base	m2	80.00				
	<u>Grade 35 Concrete-Ready mix concrete</u>						
5.7	RCC concrete (Grade 35) base	m3	30.00				
5.8	RCC concrete (Grade 35) wall	m3	80.00				
5.9	RCC concrete (Grade 35) sub component	m3	2.00				
	<u>Formwork</u>						
5.10	Form work - wall external, wall internal	m2	478.00				
5.11	Form work - sub component	m2	30.00				
	<u>Reinforcement</u>						
5.12	Reinforcement- 10, 12, 16, 20 mm dia. tor steel	Kg	11,570.00				
	<u>Earth work support</u>						
5.13	Supply, fixing and removing of temporary earth work supports, in closed planking in trenches as per the drawing	m2	250.00				
	<u>Water bar</u>						
5.14	Supply and install of approved type water bar as per the drawing and as specification.	m	60.00				
	<u>Expansion joints</u>						
5.15	Provide necessary expansion joints as per drawing and as per specification.	Item	1.00				
	<u>Dewatering</u>						
5.16	Dewatering work using 2" dia. water pump.as per specification. (If required)	Item	1.00				
	<u>Oil Skimmers</u>						
5.17	Supply, installation, testing and commissioning approved type skimmer as per specification. Required power supply with cable & wiring to be arranged from	nr	2.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
5.18	existing MCC at zone 09. Refer the attached drawing.						
	<p>Zn/Al ROOF COVERING</p> <p>Supply and fix zinc alum profile roofing colour sheet, laid on existing purlins with joints to be properly connected with an adequate side lap to ensure water tightness along the entire length and complete to working order. (Thick. 0.47mm, AZ 150) Rate shall include for supply and fabrication and fixing of 2" dia. heavy duty GI pipe columns, 65x 65x6 mm angle iron rafters and 50x50x5mm angle iron purlin, 200x200x 6 mm MS base plates and necessary bolts and nuts as per the drawing. All steel sections to be painted by two coats of anticorrosive paint and one coated of enamel paint. GI pipes to be painted by using each primer and enamel paint.</p>	m ²	175.00				
	Total Carried to Summary						
6	REPAIRS TO EXISTING INTERCEPTORS						
6.1	Repairs and attend necessary changes to Interceptors as directed (if necessary)	PS	1.00	6,000,000.00		6,000,000.00	
	Total Carried to Summary						
7	IMPROVEMENT OIL RECOVERY POND AREA.						
	<i>Note: Improvements to the existing oil recovery ponds with sluice gate construction, Hume pipe culvert construction, shoring and earth work support, oily water barrio, road and pond area construction etc.</i>						
7.1	<u>02 Nos. OF SYPHON CHAMBER FOR WASTE WATER PONDS</u>						
7.1.1	Suitable coffer dams to be built and maintain and remove after the construction work as directed. (If required)	Item	1.00				
7.1.2	Necessary dewatering. Rate shall include for submersible pumps, hose etc.	Item	1.00				
7.1.3	Excavation using machinery and deposited within site as directed for Sluice gate pit of in the oil separated pond with applying	m ³	110.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
	necessary shoring method as per details drawing. Rate shall include for temporary supports sloping sides, compacting and levelling bottom as per the Engineer's instruction.						
7.1.4	Excavation for rubble work foundation of buffers area and rubble step area as per details drawing. Rate shall include for, compacting and levelling bottom as per the Engineer's instruction.	m ³	30.00				
7.1.5	Supplying & filling, imported gravel about 1.0 m height near the sluice gate pit. Rate includes compacting 150mm layers using machine Rammer or equivalent as per Engineer's instruction	m ³	160.00				
7.1.6	Supplying and filling to excavation pits using aggregate base course (ABC) on the rubble packing for sluice gate construction area. Rate to be included supplying, spreading & levelling work.	m ³	60.00				
7.1.7	Supplying and filling excavation pits using rubble packing (boulders packing) for sluice gate pit construction area. Rate to be included supplying, spreading, levelling, layers and compaction using machine Rammer.	m ³	80.00				
7.1.8	Supplying and laying 6" x 9" Random rubble work foundation and steps for sluice gate pit construction area. Rate to be included Random rubble masonry in 1:5 cement and sand mortar in foundations as per engineer's instruction.	m ³	7.00				
	<u>Grade 15 Concrete-Ready mix concrete</u>						
7.1.9	Concrete (grade 15) for 50 mm screed under base	m ²	50.00				
7.1.10	Concrete (grade 15) for 200 mm thick screed under rubble foundation base	m ³	3.00				
7.1.11	Concrete (grade 15) for 100 mm thick screed concrete for buffers area	m ³	3.00				
	<u>Grade 35 Concrete-Ready mix concrete</u>						
7.1.12	RCC concrete (grade 35) base	m ³	12.00				
7.1.13	RCC concrete (grade 35) walls 250 mm thick and 150 mm thick. Rate shall include	m ³	10.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
	for provide necessary voids for sluice gates, pipes etc.						
7.1.14	RCC concrete (grade 35) column shaft, beams	m3	1.00				
7.1.15	RCC concrete (grade 35) cantilever slab. Rate shall include for provide opening for sluice gate.	m3	4.00				
7.1.16	RCC concrete (grade 35) concrete buffers	m3	0.50				
	<u>Formwork</u>						
7.1.17	Base of pit and rubble foundation.	m ²	14.00				
7.1.18	Form work - column, wall external, internal	m ²	125.00				
7.1.19	Form work - soffit	m ²	30.00				
7.1.20	Form work -ground beam, buffers	m ²	30.00				
	<u>Reinforcement</u>						
7.1.21	Reinforcement- 12mm, 10 mm dia. tor steel for base, wall, slab, etc.	Kg	2,600.00				
7.1.22	Reinforcement- 6 mm mild steel for column, beams, etc.	Kg	50.00				
	<u>Mechanical work</u>						
	<u>Supply of materials</u>						
7.1.23	Supply of 18" C/S coated pipe SCH 40	m	96.00				
7.1.24	Supply of 8" C/S flanges -150 class	nr	16.00				
7.1.25	Supply of 18" C/S 90 bends ASME B 16.9	nr	8.00				
7.1.26	Supply of Stud bolt - 1 1/8" x 150	nr	144.00				
7.1.27	Supply of necessary gasket for flange joints as directed.	Item	1.00				
	<u>Fabrication and fixing</u>						
7.1.28	Fabrication, fixing and laying of 18" pipe SCH 40 (96 m) and fixing 16 nos. flanges, 8 nos. 90 bends and fixing with necessary gasket and nut and bolts as directed.	Item	1.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
7.1.29	Supply, fabrication and fixing of hand rail near buffers area by using 1 1/2" dia. And 1" dia. GI pipe as per the drawing and as directed. Rate shall include for applying one coat of etch primer (50% of etch primer base and 50% etch primer activator), one coat of anti-corrosive primer with two coats of enamel paint including removing corroded scale and wire brushing.	m	6.00				
	<u>Sluice gates</u>						
7.1.30	Supply, fabrication and fixing of 36" (900 mm.) dia. Cast iron sluice gate complete with fitting as per the drawing and as directed.	nr	4.00				
	Total Carried to Summary						
7.2	<u>OILY WATER BARRIORS (6 Nos.)</u>						
7.2.1	Suitable sand fill coffer dam to be built and maintain and remove after the construction work as directed. (If required) near lock gate area for oily water barrier no.5 and 6 in pond no 2)	Item	1.00				
7.2.2	Necessary dewatering work for oily water barrier no 5 and 6. Rate shall include for sub miscible pumps, hose etc.	Item	1.00				
7.2.3	Suitable sand fill cofferdam to be built and maintain and remove after the construction work as directed. (If required) near proposed sluice gate area for oily water barrier no.4 in pond no 2)	Item	1.00				
7.2.4	Necessary dewatering work for oily water barrier no 4. Rate shall include for submersible pumps, hose etc.	Item	1.00				
7.2.5	Suitable sand fill cofferdam to be built and maintain and remove after the construction work as directed. (If required) near lock gate area for oily water barrier no.1, 2 and 3 in pond no 1)	Item	1.00				
7.2.6	Necessary dewatering work for oily water barrier no 1, 2 and 3. Rate shall include for sub miscible pumps, hose etc.	Item	1.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
7.2.7	Existing water of pond no 1 to be remove to "Heen Ela" side marshy land to construct oil barrier no 4, 5 and 6 as directed. Rate shall include for necessary pumps, pipes, hose etc.	Item	1.00				
7.2.8	Existing water of pond no 2 to be remove to "Heen Ela" side marshy land to construct oil barrier no 1, 2 and 3 as directed. Rate shall include for necessary pumps, pipes, hose etc.	Item	1.00				
7.2.9	Bulk excavation using machinery and deposited within site as directed for column base earth improvement of 6 nos. oily water pond no1 and pond no2 as per drawing and as directed. with applying necessary shoring method if required.	m ³	370.00				
7.2.10	Supplying and filling excavation pits using rubble packing (boulders packing). Rate to be included supplying, spreading, levelling, layers and compaction using machine Rammer.	m ³	160.00				
	<u>Grade 15 Concrete-Ready mix concrete</u>						
7.2.11	Concrete (grade 15) for 75 mm screed under base	m ²	45.00				
	<u>Grade 35 Concrete-Ready mix concrete</u>						
7.2.12	RCC concrete (grade 35) base	m ³	10.00				
7.2.13	RCC concrete (grade 35) shaft	m ³	5.00				
7.2.14	RCC concrete (grade 35) beam	m ³	5.00				
7.2.15	RCC concrete (grade 35) 125 mm thick slab	m ³	10.00				
7.2.16	RCC concrete (grade 35) 120 mm thick hanging wall	m ³	11.00				
	<u>Formwork</u>						
7.2.17	Form work - base	m ²	35.00				
7.2.18	Form work - col. shaft	m ²	95.00				
7.2.19	Form work - beam	m ²	60.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
7.2.20	Form work - slab	m ²	85.00				
7.2.21	Form work - hanging wall	m ²	210.00				
	<u>Reinforcement</u>						
7.2.22	Reinforcement-10mm dia. tor steel for base	Kg	690.00				
7.2.23	Reinforcement-10 mm dia. tor steel for col-shaft	Kg	325.00				
7.2.24	Reinforcement-10 mm dia. tor steel for beam	Kg	295.00				
7.2.25	Reinforcement-10 mm dia. tor steel for slab	Kg	825.00				
7.2.26	Reinforcement-10 mm dia. tor steel for hanging wall	Kg	985.00				
7.2.27	Reinforcement- 6 mm dia. mild steel for col- shaft	Kg	130.00				
7.2.28	Reinforcement- 6 mm dia. tor steel for beam	Kg	140.00				
	Total Carried to Summary						
7.3	<u>PONDS EDGE PROTECTION WITH FOOT PATH</u>						
7.3.1	Excavation/cutting by using machinery and deposited within site as directed for embankment slop correction around the ponds with applying necessary shoring method and compacting and slope correction of the embankment as per drawing and directed.	m ³	900.00				
7.3.2	Filing, spread & compacted available dry earth soil by using machine rammer as per drawing and as directed.	m ³	75.00				
	<u>Grade 25 Concrete-Ready mix concrete</u>						
7.3.3	200 X 150 mm concrete curbs	m ³	20.00				
7.3.4	700 x 100 mm thick concrete shoe drain parallel to pond	m ³	35.00				
7.3.5	500 x 100 mm thick concrete shoe drain perpendicular to pond	m ³	5.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
7.3.6	75 mm thick concrete paving	m ³	50.00				
7.3.7	300 X 150 mm concrete beam	m ³	20.00				
7.3.8	600 x 1000 x 75 mm concrete slabs	m ³	30.00				
	<u>Formwork</u>						
7.3.9	Form work - curb, beam, slabs, etc.	m ²	750.00				
	<u>Reinforcement</u>						
7.3.10	Reinforcement- 10mm Dia. tor steel for shoe drains - parallel to pond	Kg	2,750.00				
7.3.11	Reinforcement- 10mm Dia. tor steel for shoe drains- perpendicular to pond	Kg	340.00				
7.3.12	Reinforcement- 10mm Dia. tor steel for beam	Kg	1,620.00				
7.3.13	Reinforcement- 6mm Dia. mild steel for beam-	Kg	800.00				
	Total Carried to Summary						
7.4	<u>GABIOAN WALL CONSTRUCTION</u>						
7.4.1	Supplying and packing of 600 mm thick boulders as per drawing Rate to be included supplying, spreading, levelling, packing and compaction using machinery.	m ³	450.00				
7.4.2	Supplying and construction of Gabion wall (PVC coated mesh) as per drawing. Rate shall include for supply necessary rubble etc.	m ³	750.00				
7.4.3	Supplying and laying of Geotextile as directed.	m ²	1,250.00				
7.4.4	Filing, spread & compacted by using machine rammer by using available dry earth soil as per drawing and as directed.	m ³	1125.00				
	Total Carried to Summary						
7.5	<u>MISCELLANEOUS WORK FOR POND AREA IMPROVEMENT</u>						
7.5.1	Supply and fix temporary shoring at pond area (where necessary- if required) and CGR railway crossing area (if required)	m ²	250.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
	with steel R.S.J's (150mmx150mmx10mm) with 10 mm thick steel plate combination, R.S.J.'s vertically driven at 1200 mm c/c permissible intervals and steel sheets inserted between R.S.J's, the R.S.J's shall be driven to an appropriate depth below the final formation of the bottom of excavation to with stand as free-standing cantilevers to hold back the unsupported earth. Rate shall be include the contractor designed the shoring method based on soil condition and method specification to be submitted before excavation to the site Engineer for approval.						
7.5.2	Supplying and fixing class II timber in shoring (where necessary - if required)	m ²	250.00				
7.5.3	Supply, Spreading & Levelling using backhoe loader or approved equivalent and Compaction of imported Earth using Vibrating roller (1/2-1 ton) or equivalent including watering in 225mm thick. layers. Rate include hire charges of JCB & Vibrating roller. (If required))	m ³	250.00				
Total Carried to Summary							
8	RAIN WATER DRAINS						
	<u>Rain water Drains -system 03-(tk 14,15,16, 32,33,34,35, 46,47,51)</u>						
	<u>Rain water drains as per the drawing, specification and as directed. Rate to include for excavation, back filling, screed concrete, RCC concrete, form work, reinforcement etc. (Ready mix concrete to be used)</u>	Note					
8.1	Rain water drain type - RD 02 - internal width 225 mm, average depth 225 mm (depth varies from 150mm to 300mm-approximately) with 75mm screed in grade 15 (25mm aggregate) concrete, grade 25 (20mm aggregate) base and wall 100 mm thick with 10mm Dia. tor steel reinforcement bars at 150 mm centers in both ways	m	420.00				
8.2	Rain water drain type - RD 03 -internal width 350 mm, average depth 400 mm (depth varies from 300mm to 500mm-approximately) with 75mm screed in grade	m	130.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
8.3	15 (25mm aggregate) concrete, grade 25 (20mm aggregate)) base and wall 100 mm thick with 10mm Dia. tor steel reinforcement bars at 150 mm centers in both ways.) Rain water drain type - RD 05-internal width 450 mm, average depth 700 mm (depth varies from 500mm to 900mm-approximately) with 75mm screed in grade 15 (25mm aggregate) concrete, grade 25 (20mm aggregate)) base and wall 125 mm thick with 10mm Dia. tor steel reinforcement bars at 150 mm centers in both ways. Refer Drawing No.)	m	170.00				
8.4	Cover slabs -C1- for Rain water drain type - RD 02 - 300 mm wide, 425 mm long, 100mm thick grade 25 (20mm aggregate) with 10mm Dia. tor steel reinforcement bars at 150 mm centers in both ways and form work . Rate shall include for lifting handle as per drawing.) (If required)	nr	25.00				
8.5	Cover slabs -C1- for Rain water drain type - RD 03 - 300 mm wide , 550 mm long, 100 mm thick grade 25 (20mm aggregate) with 10mm Dia. tor steel reinforcement bars at 150 mm centers in both ways and form work . Rate shall include for lifting handle as per drawing.) (If required)	nr	20.00				
8.6	Cover slabs -C2- for Rain water drain type - RD 05- 300 mm wide, 700 mm long, 125mm thick grade 25 (20mm aggregate) with 10mm Dia. tor steel reinforcement bars at 150 mm centers in both ways and form work. Rate shall include for lifting handle as per drawing. Refer Drawing No.) (If required)	nr	15.00				
<u>Rain water Drains -system 06 (tk 8,20,21, 22,23.31,41)</u>							
8.7	Rain water drain type - RD 02 - internal width 225mm, average depth 225mm (depth varies from 150mm to 300mm-approximately) with 75mm screed in grade 15 (25mm aggregate) concrete, grade 25 (20mm aggregate)) base and wall 100 mm thick with 10mm dia. tor steel reinforcement bars at 150 mm centers in both ways as per drawing)	m	360.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
8.8	Rain water drain type - RD 03 -internal width 350 mm, average depth 400 mm (depth varies from 300mm to 500mm-approximately) with 75mm screed in grade 15 (25mm aggregate) concrete, grade 25 (20mm aggregate)) base and wall 100 mm thick with 10mm Dia. tor steel reinforcement bars at 150 mm centers in both ways as per drawing)	m	275.00				
8.9	Rain water drain type - RD 05-internal width 450 mm, average depth 700 mm (depth varies from 500mm to 900mm-approximately) with 75mm screed in grade 15 (25mm aggregate) concrete, grade 25 (20mm aggregate)) base and wall 125 mm thick with 10mm dia. tor steel reinforcement bars at 150 mm centers in both ways as per drawing)	m	90.00				
	Open drain near oil separator						
8.10	1500 mm wide 10000mm long 2000mm depth Rain water drain near tank 41 type - with 75mm screed in grade 15 (25mm aggregate) concrete, grade 25 (20mm aggregate)) base and wall 200 mm thick with 10mm Dia. tor steel reinforcement bars at 200 mm centers in both ways as per drawing. Rate shall include for excavation, earthwork support, dewatering and provide voids for Hume pipes etc.	m	11.00				
8.11	Cover slabs -C1- for Rain water drain type - RD 02 - 300 mm wide, 425 mm long, 100mm thick grade 25 (20mm aggregate) with 10mm Dia. tor steel reinforcement bars at 150 mm centers in both ways and form work. Rate shall include for lifting handle as per drawing. (If required)	nr	30.00				
8.12	Cover slabs -C1- for Rain water drain type - RD 03 - 300 mm wide, 550 mm long, 100mm thick grade 25 (20mm aggregate) with 10mm Dia. tor steel reinforcement bars at 150 mm centers in both ways and form work. Rate shall include for lifting handle as per drawing. (If required)	nr	25.00				
8.13	Cover slabs -C2- for Rain water drain type - RD 05- 300 mm wide, 700 mm long, 125mm thick grade 25 (20mm aggregate) with 10mm Dia. tor steel reinforcement bars at 150 mm centers in both ways and	nr	20.00				

Item	Description	Unit	Qty	Rate Rs. Cts.	Amount Rs. Cts.
	form work. Rate shall include for lifting handle as per drawing. (If required)				
	Total Carried to Summary				
9	<u>DI. PIPE LINE</u>				
	<u>DI. Pipe drains as per the drawing, specification and as directed. Rate to include for supply, fabrication, laying, jointing, excavation, back filling compaction etc.</u>				
	<u>DI. Pipe line - System 03 (Tank 14,15,16, 32,33,34,35, 46,47,51)</u>				
9.1	200 mm Dia. DI. Pipe line drains as per the drawing and specification.	m	425.00		
	<u>DI. Pipe line - System 06 (Tank 8,20,21, 22,23,31,41)</u>				
9.2	200 mm Dia. DI. Pipe line drains as per the drawing and specification.	m	715.00		
	Total Carried to Summary				
10	<u>HUME PIPE DRAIN</u>				
	<u>Hume Pipe line -system 03 (Tank 14,15,16, 32,33,34,35, 46,47,51)</u>				
	<u>Hume pipe drains as per drawing, specification and as directed. Rate to include for supply, fabrication, laying, jointing, excavation, back filling etc.</u>				
10.1	300 mm Dia. Hume Pipe line (if required)	m	50.00		
10.2	600 mm Dia. Hume Pipe line average approximate depth 1025mm from ground level to Hume pipe bottom outer level.	m	50.00		
10.3	600 mm Dia. Hume Pipe line average approximate depth 2175mm from ground level to Hume pipe bottom outer level.	m	145.00		

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
10.4	600 mm Dia. Hume Pipe line under main road area average approximate depth 2175mm from road level to Hume pipe bottom outer level. Rate shall include for cutting and demolishing of road surface where necessary with removing of pavement area and curbs etc. and re-laying of road (300mm ABC filling, apply CRS1 5" thick asphalted concrete work and pavement area (relaying existing of paving blocks, curbs etc.) after Hume pipe laying to match the existing.	m	25.00				
	<u>Hume Pipe line -system 06 (Tank 8,20,21, 22,23,31,41)</u>						
10.5	450 mm Dia. Hume Pipe line average approximate depth as per drawing from ground level to Hume pipe bottom outer level as per drawing.	m	60.00				
10.6	600 mm Dia. Hume Pipe line average approximate depth as per drawing from ground level to Hume pipe bottom outer level.	m	80.00				
10.7	600 mm Dia. Hume Pipe line under sub road near tank no.31 area average approximate depth mm from road level to Hume pipe bottom outer level. Rate shall include for cutting and demolishing of road surface where necessary etc. and re-laying of road (300mm ABC filling, apply CRS1 5" thick asphalted concrete work and pavement area (relaying existing of paving blocks, curbs etc.) after Hume pipe laying to match the existing.	m	65.00				
	Total Carried to Summary						
11	DIKING WALLS AT SYSTEM 03 (Tank 14,15,16, 32,33,34,35, 46,47,51)						
	Note: Ready mix concrete to be used						
11.1	Construction of 2.65 m average Hight diking walls type 01 and type 2 of system 03 (near tank no. 12) as per drawing and as per specifications. Rate shall include for excavation, 50mm thick grade 15 screed concrete, 250mm thick RCC grade 25 base	m	100.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
	and 200 mm thick RCC grade 25 walls with formwork, reinforcement, backfilling and compaction, water bars, expansion joints as per the drawing.						
11.2	Additional excavation for ABC filling (for earth improvement) - if required	m ³	113.00				
11.3	Dense graded 37.5mm Aggregate Base Course (ABC) supplying, filling, spreading, levelling, watering in 225mm thick layers and compaction using machine Rammer. Rate include hire charges of the machine rammer. (Average thickness 600mm) - If required	m ³	113.00				
11.4	Construction of diking walls with earth ramp (Panel 4,5,6) of system 03 (near tank no. 32 and 46) as per drawing and as per specifications. Rate shall include for excavation, 50mm thick grade 15 screed concrete, 250mm thick RCC grade 25 base and 200 mm thick RCC grade 25 walls with formwork, reinforcement, backfilling and compaction, water bars, expansion joints as per the drawing. Earth ramp to be construct by using imported approved soil and compaction in 150-225 layers as per drawing.	Item	1.00				
11.5	Additional excavation for ABC filling (for earth improvement) - if required	m ³	50.00				
11.6	Dense graded 37.5mm Aggregate Base Course (ABC) supplying, filling, spreading, levelling, watering in 225mm thick layers and compaction using machine Rammer. Rate include hire charges of the machine rammer. (Average thickness 600mm) - If required	m ³	50.00				
	Total Carried to Summary						
12	EARTH RAMPS & EARTH BUNDWALLS AT SYSTEM 3, 6						
12.1	Earth bund ramp1 no- system 03 (Tank 14,15,16, 32,33,34,35, 46,47,51)) by using available approved soil (with in Kolonnawa installation)	m	100.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
12.2	Earth bund ramps 1 no- system 06 (Tank 8,20,21, 22,23.31,41) by using available approved soil (with in Kolonnawa installation)	m	100.00				
	Total Carried to Summary						
13	MANHOLES, VALVE PITS, CATCH PITS <u>Manholes, valve pits, catch pits etc. to be construct as per drawing, specification and as directed. Rate to include for supply, fabrication, excavation, back filling, concrete work, formwork, reinforcement etc.</u> <u>System 03-(Tank 14,15,16, 32,33.34,35, 46,47,51)</u>						
	<u>Rain water manholes</u>						
13.1	Rain water manholes - Type 01 (RMH1 and RMH2) for System 01-	nr	2.00				
13.2	Rain water manholes - Type 02 for System 01	nr	6.00				
	<u>Oil water man holes</u>						
13.3	Oil water manholes - Type1 OMH 3, OMH 4 for System 01- Internal size- 750x750x650mm	nr	2.00				
13.4	Oil water manholes - Type1 OMH 5 for System 01- Internal size- 750x750x610mm	nr	1.00				
13.5	Oil water manholes - Type1 OMH 6 for System 01- Internal size- 750x750x200mm	nr	1.00				
13.6	Oil water manholes - Type1 OMH 7 for System 01- Internal size- 750x750x300mm	nr	1.00				
13.7	Oil water manholes - Type1 OMH 8 for System 01- Internal size- 750x750x600mm	nr	1.00				
13.8	Oil water manholes - Type 1 OMH 9 for System 01- Internal size- 750x750x550mm	nr	1.00				
13.9	Oil water manholes - Type1 OMH 10 for System 01- Internal size- 750x750x475mm	nr	1.00				
13.10	Oil water manholes - Type1 OMH 11 and OMH 12 for System 01- Internal size- 750x750x200mm	nr	2.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
13.11	Oil water manholes - Type1 OMH 13 for System 01- Internal size- 750x750x325mm	nr	1.00				
13.12	Oil water manholes - Type1OMH 14 for System 01- Internal size- 750x750x490mm	nr	1.00				
13.13	Oil water manholes - Type2 OMH 1 for System 01- Internal size- 900x900x1250mm	nr	1.00				
13.14	Oil water manholes - Type 2 OMH 2 for System 01- Internal size- 900x900x800mm	nr	1.00				
	<u>Even catch pits-</u>						
13.15	Oil water catch pit - Type CP TK 12 for System 01- Internal size- 750x750x665mm	nr	1.00				
13.16	Oil water catch pit - Type CP TK 15 for System 01- Internal size- 750x750x377mm	nr	1.00				
13.17	Oil water catch pit - Type CP TK 16 for System 01- Internal size- 750x750x275mm	nr	1.00				
	<u>Raised catch pits-</u>						
13.18	Raised catch pits - Type 01 for System 01-	nr	4.00				
	<u>Valve pits-</u>						
13.19	Construction of valve pit (approx. internal size 3700x1800x2300mm - Type 01 for System 01- as per drawing and as directed. Rate shall include for provide necessary voids and make arrangements for piping and sluice gates installation. (Gate valves and sluice gates supply and fixing costs are included in item no. 13.20 and item no. 13.21 respectively))	nr	1.00				
	<u>Gate Valves</u>						
13.20	Supply and fixing of 8 "dia. Gate Valves for valve pit as directed for System 01	nr	4.00				
	<u>Sluice gates for valve pits</u>						
13.21	Supply and fixing of 2'-0" "dia. Sluice gates for valve pit as directed for System 01	nr	6.00				
	<u>Sluice Gates for manhole</u>						
13.22	Supply and fixing of 1'-6 "dia. Sluice Gate as directed for System 01	nr	6.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
13.23	Construction of Sluice gate manhole - Type SGMH for System 01- Internal size-900x750x1075mm as per drawing and as directed. Rate shall include for supply and fixing 1200 mm long 1'-6" dia. segment of Hume pipe and provide necessary voids and make arrangements for sluice gates installation. (sluice gates supply and fixing cost included in item no. 13.22)	nr	6.00				
	<u>System 06 (Tank 8,20,21, 22,23,31,41)</u>						
	<u>Rain water manholes</u>						
13.24	Rain water manholes - Type 01 (for System 01-	nr	2.00				
13.25	Rain water manholes - Type 02 for System 01-	nr	4.00				
	<u>Oil water man holes</u>						
13.26	Oil water manholes - Type2 OMH 15, OMH16 for System 01- Internal size-900x900x500mm	nr	2.00				
13.27	Oil water manholes - Type2 OMH 17 for System 01- Internal size-900x900x1500mm	nr	1.00				
13.28	Oil water manholes - Type2 OMH 18 for System 01- Internal size- 900x900x835mm	nr	1.00				
13.29	Oil water manholes - Type1 OMH 19,20,21 for System 01- Internal size-750x750x200mm	nr	3.00				
13.30	Oil water manholes - Type 2 OMH 22 for System 01- Internal size- 750x750x990mm	nr	1.00				
13.31	Oil water manholes - Type 2 OMH 23 for System 01- Internal size- 750x750x680mm	nr	1.00				
13.32	Oil water manholes - Type1 OMH 24 for System 01- Internal size- 750x750x490mm	nr	1.00				
13.33	Oil water manholes - Type1 OMH25 for System 01- Internal size- 750x750x200mm	nr	1.00				
13.34	Oil water manholes - Type2 OMH26 for System 01- Internal size- 900x900x550mm	nr	1.00				
13.35	Oil water manholes - Type1 OMH27 for System 01- Internal size- 750x750x250mm	nr	1.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
13.36	Oil water manholes - Type2 OMH28 for System 01- Internal size- 900x900x520mm	nr	1.00				
13.37	Oil water manholes - Type2 OMH29 for System 01- Internal size- 900x900x700mm	nr	1.00				
	<u>Even catch pits-</u>						
13.38	Oil water CATCH PIT- Type CP TK 20 for System 01- Internal size- 750x750x400mm	nr	1.00				
	<u>Raised catch pits-</u>						
13.39	Raised catch pits - Type 01 for System 01-	nr	5.00				
	<u>Valve pits-</u>						
13.40	Construction of valve pit near tank no 41 - Type 01 (A01) for System 01- as per drawing and as directed. Rate shall include for provide necessary voids and make arrangements for piping and sluice gates installation. (Gate valves and sluice gates supply and fixing costs are included in item no. 13.41 and item no. 13.42 respectively)	nr	1.00				
	<u>Gate Valves</u>						
13.41	Supply and fixing of 8 "dia. Gate Valves for valve pit as directed for System 01-	nr	4.00				
	<u>Sluice gates for valve pits</u>						
13.42	Supply and fixing of 2'-0" "dia. Sluice gates for valve pit as directed for System 01	nr	6.00				
13.43	Construction of valve pit no.06 near tank no 41 - Type 01 (A01) for System 01- as per drawing and as directed. Rate shall include for provide necessary voids and make arrangements for piping and sluice gates installation. (Gate valves and sluice gates supply and fixing costs are included in item no. 13.44 and item no. 13.45 respectively)	nr	1.00				
	<u>Gate Valves</u>						
13.44	Supply and fixing of 8 "dia. Gate Valves for valve pit as directed for System 01-	nr	1.00				

Item	Description	Unit	Qty	Rate Rs. Cts.	Amount Rs. Cts.
	<u>Sluice gates for valve pits</u>				
13.45	Supply and fixing of 2'-0" "dia. Sluice gates for valve pit as directed for System 01- VP-A01	nr	2.00		
	<u>Sluice Gate for manhole</u>				
13.46	Supply and fixing of 1'-6 "dia. Sluice Gate as directed for System 01	nr	4.00		
13.47	Construction of Sluice gate manhole - Type SGMH for System 01- Internal size-900x750x1075mm as per drawing and as directed. Rate shall include for supply and fixing 1200 mm long 1'-6" dia. segment of Hume pipe and provide necessary voids and make arrangements for sluice gates installation. (sluice gates supply and fixing cost included in item no. 13.46)	nr	4.00		
	Total Carried to Summary				
14	<u>MISCELLANEOUS WORK</u> <u>Note : All items under this section to be carried out if necessary</u>				
14.1	Brick work in cement and sand 1:8 in 9" thick walls for repairs to existing bund walls, boundary walls etc.	m3	100.00		
14.2	Random rubble (6"-9") masonry in cement sand mortar 1:5.	m3	50.00		
14.3	Plastering 5/8" thick to walls in cement and sand 1:5 finished semi-rough.	m ²	200.00		
14.4	Grade 15 Cement concrete 1:3:6 (1 1/2") in foundations / walls etc. including placing, compacting.	m3	15.00		
14.5	Grade 20 concrete 1:2:4(3/4") prepared at site using mixer and vibrator .	m3	25.00		
14.6	Grade 25 concrete 1: 1 1/2: 3 (3/4") prepared at site using mixer and vibrator .	m3	25.00		
14.7	Shuttering for columns / walls including dismantling in 15mmthick Plywood board & side supports with props.	m ²	200.00		
14.8	Tor steel reinforcement, Bent to shape, laid in position and tied with 16 B.W.G. Binding wire. If required	Kg	2,000.00		

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
14.9	5/8" thick plastering to plinth wall in cement sand 1:3 including finishing with cement slurry floating.	m ²	100.00				
14.10	Painting walls with one coat of Exterior wall primer including preparing surface for exterior application before application of weather shield paint and apply two coats of weather shield paints.	m ²	200.00				
14.11	Construction of Shoe drain (in Grade 20 Concrete of width 18", average thickness 8", height 12".)	m	50.00				
14.12	Supplying & fixing double seal cast iron manhole cover with frame capable of withstanding a 125kN load use in car parks and pedestrian areas where only occasional vehicular access is likely as directed.	m ²	5.00				
14.13	Supplying & fixing double seal cast iron manhole cover with frame capable of withstanding a 400kN load use in areas where cars and lorries have access including carriage ways, hard shoulders and pedestrian areas as directed	m ²	5.00				
14.14	Supply & paving 80mm thick Rectangular (Approx.size200mmx100mm) natural colour pre cast inter locking paving blocks of 40N/mm ² compressive strength, on 2" thick compacted Quarry dust laid on top of a levelled and well compacted earth sub base.	m ²	50.00				
14.15	Bulk excavation using machinery and deposited within site as directed.	m ³	250.00				
14.16	Temporary earth work supports, in open planking in trenches total depth up to 5'-0" as directed.	m ²	100.00				
14.17	Temporary earth work supports, in close planking in trenches of loose soil, total depth up to 5'-0"	m ²	100.00				
14.18	Supply and fix temporary shoring (where necessary-if required) with steel R.S.J's – (Refer detail of Item No. 7.5.1)	m ²	150.00				
14.19	Approved earth supplying and piled at site (measured at piled volume) if required	m ³	500.00				
14.20	Demolishing reinforced cement concrete where necessary as directed rate shall	m ³	50.00				

Item	Description	Unit	Qty	Rate		Amount	
				Rs.	Cts.	Rs.	Cts.
	include for, removing reinforcement and clearing debris.						
14.21	Demolishing cement concrete where necessary and clearing debris.	m3	50.00				
14.22	Cutting reinforced cement concrete where necessary up to 200 mm as directed rate shall include for, removing reinforcement and clearing debris.	m	50.00				
14.23	Cutting cement concrete where necessary up to 200 mm as directed rate shall include for clearing debris.	m	40.00				
14.24	Demolishing 9" thick brick walls stacking brick and clearing debris away.	m3	50.00				
14.25	Demolishing 4 1/2" thick brick walls stacking brick and clearing debris away.	m2	100.00				
14.26	Demolishing rubble masonry built in cement and sand, stacking rubble and clearing debris away.	m3	100.00				
14.27	Supply fabricate and fixing of removable hand rail as per drawing.	m	100.00				
14.28	Supply fabricate and fixing of removable hand rail for steps as per drawing.	m	50.00				
14.29	Painting steel work with one coat of anti-corrosive primer with mineral turpentine or thinner including removing corroded scale and wire brushing as directed.	m ²	50.00				
14.30	Painting steel work with two coats of enamel paint and one coat anti corrosive primer with turpentine or thinner including removing corroded scale and wire brushing.	m ²	100.00				
14.31	Painting Galvanized or aluminium work with one coat of etch primer (50% of etch primer base and 50% etch primer activator), one coat of anti-corrosive primer etc.	m ²	100.00				
Total Carried to Summary							

<u>SUMMARY</u>		
Item	Description	Amount Rs. Cts.
1	PRELIMINARIES	
2	EARTH WORK & DEMOLISHING WORKS IN TANK FARMS ROAD WAYS	
3	INSTALLATION OF SLOP OIL TANKS	
4	OILY WATER SEPARATOR TANK NO 03	
5	OILY WATER SEPARATOR TANK No 2	
6	REPAIRES TO EXISTING INTERCEPTORS	
7	IMPROVEMENT OIL RECOVERY POND AREA	
7.1	02 Nos. OF SYPHON CHAMBER FOR WASTE WATER PONDS	
7.2	OILY WATER BARRIORS (6 nos.)	
7.3	PONDS EDGE PROTECTION WITH FOOT PATH	
7.4	GABIOAN WALL CONSTRUCTION	
7.5	MISCELLANEOUS WORK FOR POND AREA IMPROVEMENT	
8	RAIN WATER DRAINS	
9	DI. PIPE LINE	
10	HUME PIPE DRAIN	
11	DIKING WALLS AT SYSTEM	
12	EARTH RAMPS & EARTH BUNDWALLS AT SYSTEM	
13	MANHOLES, VALVE PITS, CATCH PITS	
14	MISCELLANEOUS WORK	
Sub Total I		
Less Discount% (if any)		
Sub Total II		
ADD: SSCL - (.....%)		
Sub Total III		
ADD: VAT - 18%		
Total with VAT		

SECTION – 9

SCHEDULES

DUPLICATE

SCHEDULES

Schedule 1 – General Information			
	<p>(i) If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application.</p> <p>(ii) For joint ventures, each joint venture partner shall furnish information separately.</p>		
ITB Clause reference	Description	Information (to be filled by the bidder)	Remarks
	CIDA Registration		Provide certified copies and label as attachment to clause 3.1
	Registration Number		
	Grade		
	Specialty		
	Expiry Date		
	Legal Status		Provide certified copies of Registration
	Written Power of attorney of the signatory to the Bid	Provide original or certified copy of the power of attorney attested by a Notary and label as attachment to clause 4.1(a)	
	If a Joint Venture, names and addresses of Joint Venture Partner	1. 2. 3.	Provide a draft copy of the Joint Venture Agreement or alternatively the memorandum of understanding
	If a Joint Venture, Name of Lead Partner		
	For joint ventures, each joint venture partner shall furnish Legal Status separately		
	(Lead Partner)		Provide certified copies and label as attachment to clause 4.1(a)
	Legal Status		
	Place of registration		
	Principal place of business		
	Written Power of attorney of the signatory to the Bid	Provide original or certified copy of the power of attorney attested by a Notary and label as attachment to clause 4.1(a)	

Schedule 1– General Information continued

	If a Joint Venture, names and addresses of Joint Venture Partner	1. 2. 3.	Provide a draft copy of the Joint Venture Agreement or alternatively the memorandum of understanding
	If a Joint Venture, Name of Lead Partner		
	For joint ventures, each joint venture partner shall furnish Legal Status separately		
	(Partner 2)		Provide certified copies and label as attachment to clause 4.1(a)
	Legal Status		
	Place of registration		
	Principal place of business		
	Written Power of attorney of the signatory to the Bid	Provide original or certified copy of the power of attorney attested by a Notary and label as attachment to clause 4.1(a)	
	VAT Registration Number		
	Name (Partner 3)		Provide certified copies and label as attachment to clause 4.1(a)
	Legal Status		
	Place of registration		
	Principal place of business		
	Written Power of attorney of the signatory to the Bid	Provide original or certified copy of the power of attorney attested by a Notary and label as attachment to clause 4.1(a)	
	VAT Registration Number		
	SSCL Registration Number		

Schedule 2 – Annual Turn-over Information

- (i) If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application.
- (ii) For joint ventures, each joint venture partner shall furnish information separately.

Year	Turn-over	Remarks
2019 / 2020		Attach audited reports and label as attachment to clause 4.2
2020 / 2021		
2021 / 2022		
2022 / 2023		
2023 / 2024		
Average		

Schedule 3 – Adequacy of Working Capital

If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application.

Source of credit line	Amount	Remarks
		Provide documentary evidence and label as attachment to clause 4.2

Schedule 6 – Construction Management Staff (Contract Managers/Technical Staff)			
A. Key Personnel / Professionals			
	Name	Position	Task
Managerial	1.		
	2.		
	3.		
Technical	1.		
	2.		
	3.		
B. Support Staff			
	Name	Position	Task
	1.		
	2.		
	3.		
	4.		
	5.		

SCHEDULE FOR DAY WORKS**SCHEDULE A- LABOUR**

Any labour engaged on Day work shall be paid at the rates given below. Contractor's profit and overheads should not be included in the rates.

No.	Category	Gross Daily Wages LKR
1	Skilled labour	
2	Semi-skilled labour	
3	Unskilled labour	
4	Machine Operator	

SCHEDULE B-MATERIAL

The Bidder shall give in this schedule the basic price of the following material

No.	Category	Unit	Gross Rate LKR
1	Sulphur resistant cement	50 kg bag	
2	Sand	m ³	
3	Coarse Aggregate	m ³	
4	Reinforcement steel	kg	

SCHEDULE C – PLANT

Any Plant engaged on Day works shall be paid at the rates given below. The rates are for wet hire. These rates shall include for all inputs for running of the plant, transport to site, operators, attendants, insurance and other overheads associated with such plant.

No.	Description of Plant	Hourly Rate LKR
1	Farm Tractor with Trailer	
2	Excavator/JCB	
3	Bar bending machine	
4	Lorry/Tipper (5 t) with driver	
5	Concrete Mixer	
6	Poker Vibrator	
7	Plate Compactor	
8	Concrete breakers & compressors	

Schedule 9–Details of Suppliers & Manufactures					
No	Item	Manufacture	Supplier	Country of Origin	Country of manufacturer
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.	Any Other				

SECTION – 10
DRAWINGS AND ANNEXURE

DUPPLICATE

SECTION – 11

STANDARD FORMS (BID)

DUPLICATE

FORM OF BID SECURITY

[This Guarantee form shall be filled in accordance with the instructions indicated in brackets] _____ [insert issuing agency's name, and address of issuing branch or office]

Beneficiary: Ceylon Petroleum Storage Terminals Limited, Kolonnawa, Wellampitiya,

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 **15.07.2026**

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

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Bidders are advised to fill the following table.

ITEM	ITB Clause	YES (tick)	REFERENCE
Form of Bid			
Addressed to the Employer ?	20		
Completed?	20		
Signed?	20		
Bid Security			
Address to the Employer ?	17		
Format as required?	17		
Issuing Agency as specified?	17		
Amount as requested?	17		
Validity 28 days beyond the validity of Bid?	17		
Qualification Information			
All relevant information completed?	4		
Signed?	4		
Addendum			
Contents of the addendum (if any) taken in to account?	11		
Bid package			
All the documents given in ITB Clause 13 enclosed in the original and copy?	13		
ITB Clause 21 followed before sealing the Bid package?	21		