

**CEYLON PETROLEUM STORAGE
TERMINALS LIMITED**

BIDDING DOCUMENT

FOR

**REPAIRING OF DIESEL ENGINE DRIVEN FIRE PUMP -
(DEFP 01) AT KOLONNAWA INSTALLATION**

CONTRACT NO. KPR / 18/2024

Employer:

Ceylon Petroleum Storage Terminals Limited,
Oil Installation, Kolonnawa
Wellampitiya

Engineer:

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

Issued to:.....

Issued by:.....

Date:.....

January 2024

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CEYLON PETROLEUM STORAGE TERMINALS LIMITED

REPAIRING OF DIESEL ENGINE DRIVEN FIRE PUMP - (DEFP 01) AT KOLONNAWA INSTALLATION

BIDDING DOCUMENT

VOLUME - 01

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

Employer:

Ceylon Petroleum Storage Terminals Limited,
Oil Installation, Kolonnawa.

Engineer:

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

January 2024

SECTION 01

INSTRUCTIONS TO BIDDERS

INSTRUCTIONS TO BIDDERS

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

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

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

SECTION 02

STANDARD FORMS (CONTRACT)

Letter of Acceptance

Agreement

Performance Security

Advance Payment Security

Retention Money Guarantee

FORM OF LETTER OF ACCEPTANCE

[LETTER HEADING PAPER OF THE PROCURING ENTITY]

----- [date]

To: -----
[name and address of the Contractor]

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

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

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

The Start Date shall be: ----- *(fill the date as per Conditions of Contract).*

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

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

Authorized Signature : -----

Name and title of Signatory: -----

Name of Agency: -----

FORM OF AGREEMENT

This AGREEMENT made the (day)
(month) (year) between

..... (name and address of the employer)
(hereinafter called and referred to as the “Employer”) of the one part, and
.....

..... (name and address of the contractor) (hereinafter called and referred to as “the Contractor”), of the other part:

WHEREAS the Employer desires that the Contractor execute.....

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

The Employer and the Contractor agree as follows:

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

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

.....
Authorized signature of Contractor

.....
Authorized signature of Employer

COMMON SEAL

COMMON SEAL

In the presence of:

Witnesses:

1. Name and NIC No. :

Signature:

Address:

2. Name and NIC No. :

Signature:

Address:

FORM OF PERFORMANCE SECURITY (UNCONDITIONAL)

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

Beneficiary:
[Name and Address of employer]

Date:

PERFORMANCE GUARANTEE NO. :

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

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

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

This guarantee shall expire, no later than the day of 20.....
(insert date, 28 days beyond the intended Completion Date) and any demand for payment
under it must be received by us at this office on or before that date.

.....
Signature(s)

FORM OF ADVANCE PAYMENT SECURITY

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

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

Date:

ADVANCE PAYMENT GUARANTEE NO. :

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

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

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

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

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

.....
Signature(s)

FORM OF RETENTION MONEY GUARANTEE

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

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

Date:

RETENTION MONEY GUARANTEE NO.:

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

Furthermore, we understand that, according to the conditions of the Contract, when the works have being taken over and the first half of the Retention Money has been certified for payment, payment of the second half of the Retention Money may be made against a Retention Money guarantee.

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 under the Contract because the Contractor has not attended to the defects in accordance with the Contract.

This guarantee shall expire, at the latest day of
20..... (insert 28 days after the end of the Defects Liability Period) Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

.....
Signature(s)

SECTION 03
CONDITIONS OF CONTRACT

CONDITIONS OF CONTRACT

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

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

CEYLON PETROLEUM STORAGE TERMINALS LIMITED

REPAIRING OF DIESEL ENGINE DRIVEN FIRE PUMP - (DEFP 01) AT KOLONNAWA INSTALLATION

BIDDING DOCUMENT

VOLUME - 02

	INVITATION FOR BIDS
SECTION 04 :	FORM OF BID
SECTION 05 :	SCHEDULE
SECTION 06 :	SPECIFICATIONS
SECTION 07 :	BILL OF QUANTITIES

CHECK LIST FOR BIDDERS

Employer:

Ceylon Petroleum Storage Terminals Limited,
Oil Installation, Kolonnawa
Wellampitiya

Engineer:

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

January 2024

INVITATION FOR BIDS (IFB)

CEYLON PETROLEUM STORAGE TERMINALS LIMITED

REPAIRING OF DIESEL ENGINE DRIVEN FIRE PUMP - (DEFP 01) AT KOLONNAWA INSTALLATION

CONTRACT NO: KPR/18/2024

1. The Chairman, Department Procurement Committee, on behalf of the *Chairman, Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa* now invites sealed bids from eligible and qualified bidders for “REPAIRING OF DIESEL ENGINE DRIVEN FIRE PUMP - (DEFP 01) AT KOLONNAWA INSTALLATION” as described below.

Repairing of engine driven fire pump - (DEFP 01) at Kolonnawa installation as per the scope of Supply and work and restoring it into fully functional state by means of operational and performance standards complying with the intended purpose. The repair duration is **120 Calendar Days** from the Contract awarding date.

2. Bidding will be conducted through **National Bidding Procedure**.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the following requirements
 - a) The contractor shall have sound experience in fire pump maintenance and/or relevant Diesel engine maintenance (similar or higher capacity engines), and the proof document shall be submitted with the offer for evaluation
 - b) Contractor shall have experience in overhauling of at least one similar model (PERKINS - CV 8, 275P) of engine, supplying genuine spare parts in last 5 years period and proof documents shall be provided with the bid.
4. Interested parties may refer the bidding documents (only for viewing purpose) and obtain necessary information through the website www.cpstl.lk and inspect the bidding documents at the address given below from 0900hrs to 1400 hrs of working days.
5. A complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to The Manager (Procurement), Procurement Function, Ceylon Petroleum Storage Terminals Limited, 1st floor, New Administration Building, Oil Installation, Kolonnawa from **06.03.2024** until **20.03.2024** from 0900 hrs to 1400 hrs of working days on production of receipt supporting payment of non-refundable Tender fee of Rs 3,000.00
6. Bids shall be submitted on the bidding document obtainable from Procurement Function and duly filled bidding documents may be sent by post/courier under registered cover or sealed cover to reach the Chairman, Department Procurement Committee (Lower Minor), C/o Manager Procurement, Ceylon Petroleum Storage Terminals Limited, Procurement Function, 01st Floor, New Building, Oil Installation, Kolonnawa, Wellampitiya or could be

deposited in the tender box kept at the main entrance of CPSTL, on or before 1400 hrs. on **21.03.2024**.

7. Bids will be closed at **1400 hrs. on 21.03.2024** and will be opened immediately thereafter at the office of Manager Procurement, in the presence of the authorized only one representative of the bidder who chose to attend
8. In case the bidders are unable to submit the original bids as above, they could submit the scanned copy of the duly filled bidding documents in PDF format via email to tenders@cpstl.lk to reach on or before **1400 hrs. on 21.03.2024**, subject to following conditions.
 - i. Submission of the bid via email is at own discretion of the bidder.
 - ii. The title and the closing date of the tender shall be indicated as the subject of the email.
 - iii. Size of an email (with attachment) shall be limited to the maximum of 20 MB. In case the size of an attachment exceeds 20 MB, the bidder is requested to split the attachments and send as separate emails (i.e. 01 of 03, 02 of 03 etc.,).
 - iv. Do not CC/BCC to any other official/personal email IDs of CPSTL staff. Bids sent to any other email IDs is strictly not entertained.
 - v. However, the original bid shall be sent to CPSTL prior to finalize the technical evaluation.
9. Bids shall be valid up to **06.06.2024**
10. All bids shall be accompanied by a Bid Security of Rs. 90,000.00 (Rupees Ninety thousand only). Bid Security shall be valid up to **04.07.2024**.

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

Telephone: +94 11 2572156, +94 11 5750764
Fax: +94 11 2572155
Email: procure@cpstl.lk

SECTION 04

FORM OF BID

DUPLICATE

FORM OF BID

Name of Contract: **REPAIRING OF DIESEL ENGINE DRIVEN FIRE PUMP - (DEFP 01) AT KOLONNAWA INSTALLATION**

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

Gentlemen,

1. Having examined the Conditions of Contract given in the Standard Bidding Document- Procurement of Works[ICTAD/SBD/03-Second Edition January 2007] Schedule, Specifications, Drawings and Bill of Quantities and Addenda for the execution of the above named Works, we/I the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the said Conditions of Contract, Specifications, Drawings and Bill of Quantities and Addenda for the sum of Sri Lanka Rupees.....
.....
..... (LKR.) or such other sums as may be ascertain in accordance with the said Conditions.
2. We/I acknowledge that the Bidding Data form part of our Bid.
3. We/I undertake, if our Bid is accepted, to commence the work as stipulated in the Contract data and complete the whole of the Works comprised in the contract within the time stated in the Contract data.
4. We/I agree to abide by this Bid for the period stated in the Sub-Clause 15 of Instruction to Bidders or any extended period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Unless and until a formal Agreement is prepared and executed this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
6. We/I understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this.....day of.....2024 in the capacity ofduly
authorized to sign tenders for and on behalf of.....
.....

(IN BLOCK CAPITALS)

Signature :
Name :
Designation :
Address :
Witness :

SECTION 05

SCHEDULE

Schedule			
ITB Clause	Conditions of Contract Clause	Item	Data
1.	1.1.8	Employer is :	<p>Name: Ceylon Petroleum Storage Terminals Limited</p> <p>Address : Oil Installation, Kolonnawa Wellampitiya</p>
	1.1.10	Engineer is :	<p>Name : Engineering Manager</p> <p>Address : Ceylon Petroleum Storage Terminals Limited, Oil Installation, Kolonnawa, Wellampitiya</p>
1&13	1.1.21	Summary of Works	<p>Repairing, Testing and commissioning of Perkins branded Diesel engine driven Fire Pump at CPSTL, Kolonnawa Terminal as per the scope of work with necessities and restoring it into fully functional state by means of complying with operational and performance standards to the intended purpose.</p> <p>Details of the engine</p> <p>Make – Perkins Engine no – 4B26579U4473P Designation – CV8-275P Serial no - 01</p> <p>Location: Oil installation, Kolonnawa, Wellampitiya.</p> <p>Contract Name: REPAIRING OF DIESEL ENGINE DRIVEN FIRE PUMP - (DEFP 01) AT KOLONNAWA INSTALLATION</p> <p>Contract No. KPR /18/2024</p>
1.	1.1.14	Intended Completion Date	Intended Completion Date is 120 Calendar Days from the handing over date date.
2.		Source of Fund	The source of funds is Ceylon Petroleum Storage Terminals Limited (CPSTL)

- | | | |
|------|----------------------|--|
| 3. | Eligibility | <p>a) The contractor shall have sound experience with fire pump maintenance and/or relevant Diesel engine maintenance (similar or higher capacity engines), and the proof document shall be submitted with the offer for evaluation</p> <p>b) Contractor shall have experience in overhauling of at least one similar model (PERKINS - CV 8, 275P) of engine, supplying genuine spare parts in last 5 years period and proof documents shall be provided with the bid.</p> |
| 7. | Site visit | <p>Prior to submitting a bid, bidders shall familiarize themselves and shall be deemed to have done so. The bidders shall inform Engineering Manager, Engineering Function, Oil Installation, CPSTL, Kolonnawa (Tel. +94-11-2572214, Fax No. 0094-11-2531328) at least 02 days in advance with their names, NIC Numbers/Passport Numbers so that the CPSTL will arrange required permits for the site visit.</p> <p>The bidders are advised to limit the number of persons, for the visit, due to the security reasons, at the Kolonnawa Installation. Site visit will be permitted during 0830 – 1600 hrs except Sundays and mercantile holidays. The cost of such visits shall be borne by the bidder.</p> |
| 12. | Documents of the Bid | <p>Any other information</p> <p>a) Document proofs on Carried /carrying out at least 01 nos of overhauling on similar model (PERKINS - CV 8, 275P) of engine, supplying genuine spare parts in last 5 years.</p> <p>b) Document proofs on Carried /carrying out fire pump maintenance and/or relevant Diesel engine maintenance (similar or higher capacity engines)</p> <p>c) Qualification information of key staff with experience.</p> <p>d) Document proofs on reasonable arrangement with the principal engine manufacture (Perkins) for obtaining technical support and Supplying of Genuine spare parts.</p> <p>e) Method Statement</p> |
| 10.3 | Interim payments | Not applicable. |
| 10.7 | Final payment | Contract price will be made on measure and pay basis on successful testing and handing over for operation of the pump. |

10.10 Price Adjustment

This contract is subjected price escalation using conventional method.

The adjustment to Contract Price in the respect of Changes in Cost and Legislation for the Items of General service spares and Repairing Spare parts shall be paid by using conventional method as follow:

$$\text{Adjustment to Contract Price} = \text{Supplier's/ Manufacture's current price} - \text{Supplier's/ Manufacture's tender price}$$

Supplier's/ Manufacture's current price is based on values presented in commercial invoices and custom documents (Cusdeck) and Supplier's/ Manufacture's tender price is based on submitted tender quotation with the bid.

The Contractor shall submit originals of the said tender quotation, commercial invoices and custom documents to the Engineer for verification of the values with the bid.

If the bidder fails to submit the details as above, bidder is not eligible for pay price escalation.

The contractor shall submit all relevant substantially acceptable proof documents with every price escalation claim.

If the contractor fails to submit substantial proof documents the price escalation claim will not be paid.

16. Bid Security
- The amount of Bid Security shall be for an amount of 90,000.00 (Rupees Ninety thousand only) from a reputed commercial bank.
- The Tender Guarantee should be in one of the following forms
- A receipt for cash deposit paid to the Accountant, Ceylon Petroleum Storage Terminals Limited, 1st Floor, New Administration Building, Oil Installation, Kolonnawa in favor of the name of the Chairman, Ceylon Petroleum Storage Terminals Limited.
 - A guarantee from a commercial bank approved by the Central Bank of Sri Lanka operating in Sri Lanka.
- The format of the Bid Security (unconditional guarantee) included in Section 2, Standard Forms.
The validity of Bid Security shall be till **04.07.2024** (beyond 28 days from bid validity period and beyond any extension subsequently requested)
- 17 Pre bid meeting
- A pre-bid meeting will be held with the prospective parties to clarify any matters relating to the bidding document at 1000 hrs. **13.03.2024** at the Engineering function, Kolonnwa. Interested parties shall send their request to participate the pre bid meeting to email procure@cpstl to prepare gate passes.
- The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage by the bidders after site visit.

27. Evaluation and Comparison of Bids

Employer will evaluate and compare only the bids determined to be substantially responsive. The following procedure will be used to apply the preference for extended warranty.

Substantially responsive bids will be classified in to the following groups.

Group	A	B	C
Defect Notification Warranty Period	6 Months	12 Months	18 Months or above
Preference percentage	Nil	2.5%	5%

For the purpose of evaluation and comparison of bids only, an amount equal to the respective preference percentage of the evaluated bid prices of the respective bids will be deducted from the relevant evaluated bid prices of bids classified in groups B and C.

31. 4.4 Performance Security

Amount of Performance Security required is **10 %** of the Initial Contract Price.

The form acceptable for the Performance Security (unconditional) included in Section 2, Standard Forms.

The Performance Security shall be valid and kept alive for 28 days beyond the intended Completion Date.

6.4 Late Completion

The amount to be paid is Rs. 1/1000th of Initial Contract Price per Day, subjected to maximum of **10 %** of Initial Contract Price.

8.1 Remediating Defects

Minimum warranty period is **180 Days** from Taking Over and extended warranty may effect as per *Section 5, Schedule ITB Clause 27*.

10.3 Retention

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

10.12 Advance Payment

Amount of advance payment shall be **20%** of initial contract price (less provisional sums and contingencies). Upon the payment of the advance payment in full the Employer shall return the original of the advance payment guarantee to the Contractor.

13.	Insurance	Insurance cover for in transit in the event of engine with accessories transportation. The minimum cover for insurance of the Machine and Materials is 110% of estimated valuation of the equipment under repaired. The cover for loss or damage to Equipment is Contractor's responsibility.
33.	1.1.11 Adjudicator	CPSTL does not propose any Adjudicator in case of any dispute. An adjudicator shall be appointed by the Appointing Authority who shall be the Construction Industry Development Authority (CIDA).
14.0	Resolution of Disputes	Fees and types of reimbursable expenses to be paid to the Adjudicator shall be on a case to case basis and shall be shared by the contractor and the Employer. 50% by the Employer and 50% by the Contractor

PARTICULAR APPLICATION INCLUDING GENERAL NOTES FOR ICTAD CONDITIONS OF CONTRACT

Clause 2.3: ENGINEER'S INSTRUCTIONS

This shall be read in conjunction with Clause 2.3 of General Conditions of Contract.

- a) Any additional detail drawings issued to the contractor to assist him in his work during the course of repair shall not constitute a variation if it is given for purpose of clarity.
- b) The entries made in the Log book maintained at the site is taken as sufficient notice to the contractor in such matters necessary for the day to day execution of work.

Clause 6.1: EXECUTION OF THE WORKS

This shall be read in conjunction with Clause 6.1 of General Conditions of Contract.

- a) Working Hours
 - i. Normal working hours of CPSTL from Monday to Friday is from 0730 hrs. to 1645 hrs.
 - ii. In the work programme Saturday also can be considered as a working day and from Monday to Friday up to 1800 hrs also can be considered as a working hours by the contractor. But to work on Saturday and up to 1800 hrs the contractor is required to obtain prior permission since the offices are normally closed on Saturdays.
 - iii. However, working on Statutory holidays, Sundays and after 1800 hrs. on working days will not be permitted.

- iv. Provided always that provision of above (iii) shall not be applicable in the cause of any work which it is customary to carry out, outside normal working hours by rotary or double shifts.
- b) Repair works to be carried out at Contractors premises
 - i. Written request shall be forwarded to CPSTL informing intended repair work to be carried out, repair duration and parts to be taken out from the Premises.
 - ii. Contractor may be able to taking out parts on approval of request by CPSTL.
 - iii. Contractor shall provide an in transit insurance for the equipment which expected to be transported for the 110% of the valuation of the equipment.
 - iv. Contractor shall make necessary arrangements for engineer to witness tests carried out and inspect repair works at contractors premises without any delay.

Clause 6.2: PROGRAMME

With reference to Clause 6.2 of General Conditions of Contract and additional to it, the program of work shall be submitted within 14 days after receipt of letter of award.

Contractor should arrange his work in such a way that it will not interfere the day to day operational work of the Terminal.

There shall be provisions made in the program of work to cater for the acts and risks beyond control as stated in the conditions of the contract.

Contractor shall change this sequence of work

a) On the approval of the Engineer and if it is not affected to day to day operational activities of the Terminal.

b) If Engineer is instructed to change the sequence of work due to unavoidable reasons.

Clause 12.1: CONTRACTOR'S CARE OF THE WORKS

This shall be read in conjunction with Clause 12.1 of General Conditions of Contract.

Special Safety Conditions

- i. Fire blanket are to be laid before starting hot work at site where ever required.
- ii. The work/workers should conform to the Fire & Safety rules and regulations of CPSTL and they should wear safety belts when working at high elevations.
- iii. Before work of any nature is commenced in any area it is necessary to obtain excavation permits, safety certificates and if the work involves sparks or flames also a hot work permit from the Fire & Safety Section depending on nature of work. All precautions stipulated in these documents must be observed by the contractor and his employees. If the work cannot be completed in the period

- for which these documents are valid the work shall be discontinued until the documents have been renewed.
- iv. All premises of CPSTL are 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 any CPSTL premises. Those who possess valid police clearance are eligible to obtain gate passes. Safety clearances to be obtained before enter to the tank farm.
 - vi. The contractor shall, except if and so far as the contract provides otherwise, indemnify the CPSTL against all losses and claims in respect of injuries or damage to any person or material or physical damage to any property whatsoever which may arise out of or in consequence of the execution of the works and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto except any compensation or damages for or with respect to:
 - a. the permanent use or occupation of land by the works or any part thereof;
 - b. the right of the CPSTL to execute the works or any part thereof on, over, under, in or through any land;
 - c. injuries or damage to persons or property resulting from any act or neglect of the CPSTL, his agent, servants or other Contractors, not being employed by the Contractor, or for or in respect of any claims proceedings, damages, costs, charges and expenses in respect thereof or in relation thereto or where the injury or damage was contributed to by the Contractor, his servants or agents such part of the compensation as may be just and equitable having regard to the extent of the responsibility of the Employer, his servants or agents or other contractors for the damage or injury.
 - d. General safety procedures and conditions on engine driven fire pump shall be adopted. Work shall be performed only after obtaining the confirmation from the Engineer (Engineer is the Engineering manager of CPSTL) that the fire system of the LBD ready for release the pump for service/repair. After completion of the work the Engineer shall be informed to operate the system.

SECTION 06

SPECIFICATIONS

SPECIFICATIONS

6.1 SCOPE OF SUPPLY OF CPSTL

- 6.1.1 CPSTL Engineers representative will arrange the gate passes for the Contractors personnel, equipment and materials, hot work/ cold work permits and other permits related to the Work on request of the Contractor depending on the nature of the work.
- 6.1.2 In case of additional general service is required during warranty period as per the recommendations of the engine manufacturer, after successful testing and handing over to operation, engine oil, oil filters and fuel filter will be supplied by CPSTL.

6.2 SCOPE OF SUPPLY AND SCOPE OF WORK OF CONTRACTOR

6.2.2 Contractors Scope of Supply

- 6.2.2.1 The contractor shall provide technically qualified and skilled personnel at all times, who are specially trained to troubleshoot, repair, maintain and service of Heavy Duty Diesel engines.
- 6.2.2.2 Contractor shall provide necessary safety gears for Contractors employees and proper tools and lifting equipment.
- 6.2.2.3 Required test shall be carried out before and after the engine repair to identify the requirement of spare parts and services to be performed for obtaining well performance engine after the repair (pressure testing, performance testing, etc..).
- 6.2.2.4 Calibration report with the recommendations based on observations shall be submitted to the engineer and required spare parts shall be decided for engine repair before start repairs.
- 6.2.2.5 The contractor shall supply all necessary genuine spare parts and materials for the completion of identified repair works. The full overhaul kit shall be comprised all packing, o rings and seals necessary for success completion of the repair. Necessary proof documents shall be submitted to the engineer to clarification of genuineness of spare parts.
- 6.2.2.6 All accessories and equipment for Modification of instrumental panel, such as engine control module, cables, enclosure box, switches and indicator lights, mountings, sensors, etc.

Engine controller – DEEP SEA – DSEE 100 or equal module, shall be made of Europe, USA, Japan. Warranty period 1 year. Details of the module shall be submitted with the offer.

6.2.2.7 All accessories and equipment for Modification of control panel, such as battery chargers (one charger for each battery separately), cables, switches and indicator lights, mountings, sensors, etc.

Battery charger - DEEP SEA or equal to charge existing batteries with 230 v single phase current. shall be made of Europe, USA, Japan. Warranty period 1 year. Details of the module shall be submitted with the offer.

6.2.2.8 Supply of all piping and fittings same as to exiting system of fuel line from day tank to engine.

6.2.2.9 Supply of necessary testing and monitoring equipment other necessary equipment for successful completion of the repair work.

6.2.2.10 Supply of lubricants, Coolants, cleaning fluids and other necessary materials for successful completion of the repair work, Testing and commissioning.

6.2.2.11 Contractor shall supply all transportation requirements as necessary.

6.2.2.12 Supply of engine control module and battery charger with one year warranty.

6.2.2.13 Insurance cover for in transit and for damages to the engine.

6.2.3 Contractors Scope of Work

6.2.3.1 The contractor shall inspect, test and dismantle the engine for fault identification and scope identification for deciding the spare parts requirement and service requirement. Then the engine shall be renovated by using genuine spare parts with essential services. The engine shall be assembled, installed and tested for successful operation of the fire pump.

6.2.3.2 Testing report for fault identification and calibration shall be submitted before finalize the spare parts ordering and service starting. The report shall be included recommendation and clarifications for to replacing of spare parts and required services. Both parties shall come to mutual agreement about ordering spare parts and services to be attended before implementing them.

6.2.3.3 Overhauling of engine to bring the engine to fully functional state with rated capacity.

6.2.3.4 Repairs to air intake system including air cooler.

6.2.3.5 Repairing Exhaust system including turbo charger and repair to exhaust gas leaks.

- 6.2.3.6 Servicing of cooling system including radiator with necessary repairs, radiator pressure cap shall be supplied by the contractor.
- 6.2.3.7 Instrumental panel shall be modified by replacing existing panel. An engine control module shall be installed with necessary controllers and indicators.
- 6.2.3.8 Replacing of fuel line from day tank to engine by supplying all material and equipment.
- 6.2.3.9 Control panel shall be modified by removing existing system and new battery charger shall be installed with necessary controllers and indicators
- 6.2.3.10 Exterior surfaces excluding heating parts shall be painted in stable paint in red color.
- 6.2.3.11 In the testing after repair, the engine shall be performed as rated and a report shall be submitted to the engineer for acceptance.
- 6.2.3.12 Contractor shall provide repair procedure supported by justifications.
- 6.2.3.13 Contractor shall provide estimated time schedule for the repair.
- 6.2.3.14 Any repairs to be carried out in contractors work shop shall be informed in writing and obtain CPSTL approval prior to taking those parts from the CPSTL premises.
- 6.2.3.15 Contractor shall provide a report to the Engineer indicating problems identified and actions taken to rectify them.
- 6.2.3.16 Contractor shall use proper tools and test equipment during the repair and shall not damage parts in good working condition. Damages caused to parts with good working condition due to negligence of the contractor shall be rectified by contractor's own costs.
- 6.2.3.17 Contractor shall provide only the principal recommended genuine spare parts, filters, and other accessories.
- 6.2.3.18 Contractor shall provide minimum 6 month warranty for spare parts (one year warranty for control module and battery chargers), and workmanship and preference will be given for extended warranty as per *Section 5, Schedule ITB Clause 27*.
- 6.2.3.19 A full time contact person shall be available for communication during the period of the repair. The contact details of the personnel shall be submitted with the offer.
- 6.2.3.20 Work shall be performed only after obtaining the confirmation from the Engineer (Engineer is the Engineering manager of CPSTL or his representative) that the system is de-energized and safe for work.
- 6.2.3.21 Contractor shall make arrangements to keep dismantled spare parts securely and the cost of removed parts shall be claimed from the contractor in case of loss or damage to the spare parts.

- 6.2.3.22 All salvation shall be delivered and submitted to CPSTL stores function and contractor shall pay cost of spare part/ parts to CPSTL in case of lost.
- 6.2.3.23 Contractor shall inform the engineering manager after receiving of spare parts and before assemble the engine.
- 6.2.3.24 Scheduled inspections shall be attended quarterly on free of cost during warranty period.
- 6.2.3.25 Engine oil and filters shall be replaced after repairing as per the recommendation of engine manufacturer in due time period and if it is during warranty period. Engine oil and filters will be supplied by CPSTL.
- 6.2.3.26 After completion of the work the Engineer shall be informed to energize the system.

SECTION 07
BILL OF QUANTITIES

BILL OF QUANTITIES

#	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
7.1	Full overhaul Gasket Kit	01	Nos		
7.2	Thermostat Valve	01	Nos		
7.3	Water Pump - Repair kit	01	Nos		
7.4	Fan Belt	02	Nos		
7.5	Alternator Belt	01	Nos		
7.6	Turbocharger Repair Kit	01	Nos		
7.7	Bearing of Injector Pump Drive Wheel	01	Nos		
7.8	Piston Ring Kit	01	Nos		
7.9	Cylinder Liner	08	Nos		
7.10	Thrust Washer	02	Nos		
7.11	Main Bearing kit	01	Nos		
7.12	Con Rod Bearing kit	01	Nos		
7.13	Head Bolt	24	Nos		
7.14	Fly Wheel Bolt	16	Nos		
7.15	Fuel filter - OD 19596	01	Nos		
7.16	Oil Filter - CV 2473	02	Nos		
7.17	Lubricant oil (15 W 40)	30	Litre		
7.18	Reconditioning and service to cylinder heads	01	Item		
7.19	Reconditioning and service to cylinder block	01	Item		
7.20	Servicing and calibration of Fuel Injection Pump	01	Item		
7.21	Servicing of injectors	01	Item		
7.22	Replacement of brass fuel line from injector pump to injectors	08	Nos		
7.23	Repairing of exhaust gas manifolds and piping system	01	Item		
7.24	Servicing of Radiator and cooling system.	01	Item		

#	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
7.25	Servicing of Starter Motor	01	Item		
7.26	Servicing of the Charging Alternator	01	Item		
7.27	Modification of instrumental panel	01	Item		
7.28	Modification of control panel	01	Item		
7.29	Replacement of fuel pipe line from tank to engine	01	Item		
7.30	Labor and Technical charges for the repair ,installation, testing, servicing and commissioning	01	Item		
7.31	Engine control modular	01	Nos		
7.32	Battery charger	01	Nos		
	Sub Total I				
	Less discount if any				
	Sub Total II				
	Add SSCL 2.5% (if applicable)				
	Sub Total III (Carried to form of bid)				
	Add 18% VAT				
	GRAND TOTAL WITH TAXES				

VAT No :

Warranty:

Name of Bidder :

Address :

Telephone. :

Facsimile :

E-mail :

Signature of the Bidder :

(With Company Seal)

Note:

Name of the declared principal/beneficiary will not be changed at any time.

COMPLIANCE / DEVIATIONS SHEET

Please mark “✓” if complied with the tender requirement or mark “X” if there is any deviation and indicate the deviation in the cage provided.

The bidder shall number his whole document of offer sequentially and corresponded page number shall be written down in the relevant row of the details requested. Specified details shall be highlighted on the proof documents.

Failure to provide details as to comply and convince the specification and requirements will be a caused to reject the offer.

S/N	Requirement/Condition	Complied	Deviations	Relevant page number of the bidding document
01.	Proof documents such as purchase orders for proofing the contractor has sound experience with fire pump maintenance and/or relevant Diesel engine maintenance (similar or higher capacity engines),.			
02	Proof documents such as purchase orders for proofing the Contractor has experience in overhauling of at least one similar model (PERKINS - CV 8, 275P) of engine, supplying genuine spare parts in last 5 years period			
03	Document proofs on reasonable arrangement with the principal engine manufacture (Perkins) for obtaining technical support and Supplying of Genuine spare parts			
04	Bid Security			
05	Duly filled, stamped & signed Form of Bid			
06	Duly filled, stamped & signed Bill Of Quantities			
07	Method Statement			
08	List of related skill labour force of the company			
09	A copy of Certificate of Incorporation			
10	Warranty certificate			
11	Details of the engine control module			
12	Details of the battery chargers			

Signature of the Bidder: Date:.....

(Common Company Seal)