

GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT

**MARINE GEOTECHNICAL
INVESTIGATION FOR MLT-II JETTY
At KPL**

**PREBID MEETING ON
5TH JULY 2018**

Tender No: OEC/SNAL/009/2018 DATED 21.06.2018

5TH JULY 2018

1



TENDER NO: OEC/SNAL/009/2018 DATED 21.06.2018

CONTRACTUAL REQUIREMENTS

- ❖ Client : HPCL / BPCL
- ❖ Bid Security – Compulsory (Rs 2.0 Lakhs)
- ❖ **Marine experience is a must – No relation in this regard will be permitted**
- ❖ Track Record – Not failed to perform any project associated with government or IIT Madras specifically.
- ❖ NO JV allowed
- ❖ Lump sum Contract
- ❖ Payment by Milestone achievement
- ❖ NDA must be submitted

- ❖ **No weather related down time except cyclone is allowed.**



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT

SCHEDULE OF BIDDING PROCESS

Sl. No	Event Description	Cardinal Dates
1	Invitation of RFQ	21.06.2018
2	Start date of downloading tender document	21.06.2018
3	Pre-BID meeting at venue	05.07.2018 ←
4	BID Due Date	17.07.2018
5	Physical Submission of Bid	On or before 17.07.2018 up to 1600 hrs
6	Opening of Technical bids	19.07.2018 at 1615 hrs
7	Opening of Financial bids	20.07.2018 at 1000 hrs
8	Declaration of successful bidder	will be notified to the eligible bidders
9	Validity of BID	90 days from BID Due Date



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT

QUALIFICATION REQUIREMENTS

Qualification requirements of Bidders:

- a) For demonstrating technical capacity and experience (the “Technical Capacity”), the Bidder shall, over the past 5 (five) financial years preceding the Bid Due Date, have received payments for of Eligible Project(s) such that the sum total thereof, is more than Rs. 1.00 Crore (Rupees One Crore Only) (the “Threshold Technical Capacity”).
- b) Provided that at least one similar work of marine geotechnical investigation having a total Project Cost Rs. 25 Lakhs (Rupees Twenty Five Lakhs only) shall have been completed and the funds received by them within last five financial years.
- c) Eligible project means project consisting of marine geotechnical investigation in water depth exceeding 15m using either spud pontoon or jackup barge or platform structure using tubular truss etc. and drilled to a minimum depth of 25m below seabed and successfully completed the project including collection of samples, laboratory testing of samples and preparation and submission of reports for soil stratification and strength parameters.



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT

ENVIRONMENTAL DATA

Tide level		Elevation (m) with respect to CD
Highest high water level	(HHWL)	+1.50
Mean high water springs	(MHWS)	+1.10
Mean high water neaps	(MHWN)	+0.80
Mean Sea Level	(MSL)	+0.65
Mean low water neaps	(MLWN)	+0.40
Mean low water springs	(MLWS)	+0.10
Lowest low water	(LLWL)	-0.10

- Water depths varies from 0m to 16m.
- Wave height during monsoon can go up to 1.0m
- Sea current could be approximately 0.25 to 0.5 m/sec
- South-west monsoon can be heavy rainy season with high winds



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT

Site visit and verification of information

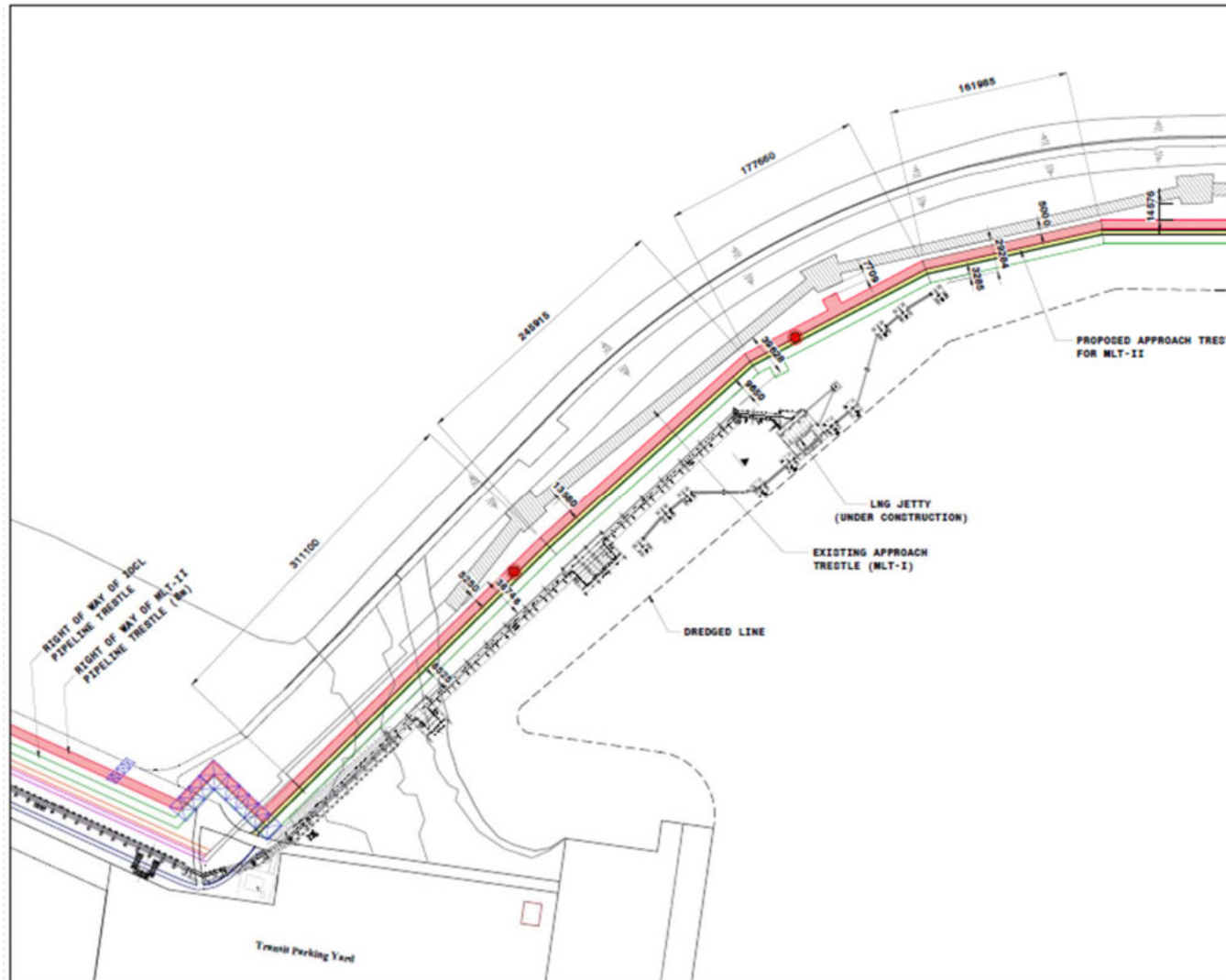
Bidders are encouraged to submit their respective BIDs after visiting the Project site and ascertaining for themselves the site conditions, traffic, location, surroundings, climate, availability of power, water & other utilities for work, access to site, handling and storage of materials, weather data, applicable laws and regulations, and any other matter considered relevant by them. Bidders are advised to familiarize themselves with the project site by making a site visit. **No extension of time is likely to be considered for submission of Bids.**

Project site is within the existing operational harbour with many jetties in operation. Permits to enter especially without any contractual work is taking time (may be a week).



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT

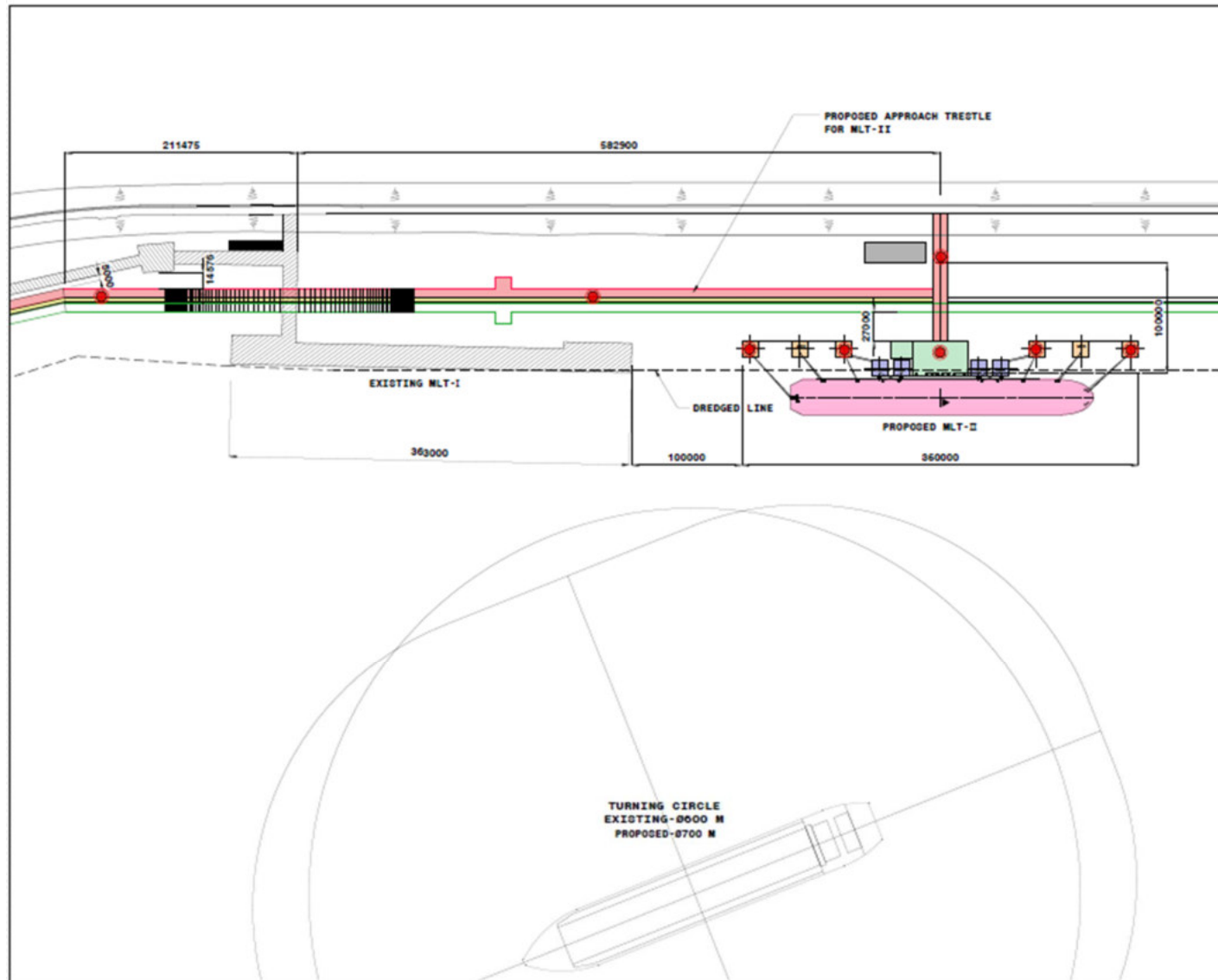
Borehole locations



5TH JULY 2018



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT



5TH JULY 2018



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT



5TH JULY 2018

9



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT

ACCESSABILITY TO BORING LOCATIONS

The proposed jetty (MLT-II) is located south of existing MLT-I berth. The borehole drilling for the jetty head can be accessed by the spud pontoon barge or jackup barge. However, the boring locations for the approach trestle can only be assess from the break water access road as the existing approach trestle of MLT-I will obstruct the free movement of barge. Hence a suitable method of positioning and supporting the drilling equipment in these area shall be adopted by the bidders.

The above condition is deleted as the modified route has full access to the jackup/spud pontoon/boats etc.

PERMITS TO ENTER SITE

Permits to enter port shall be obtained directly by the successful bidder upon submission of necessary documents from KPL.

We will provide letter confirming the appointment for the geotechnical investigation



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT

VALID BID – SUBMISSION REQUIREMENTS

The Bidder shall submit the (A) Technical Bid & (B) Financial Bid in **Separate Sealed Envelopes** in hard copy format comprising of the following documents along with supporting documents as appropriate:

(A) Technical Bid

- (a) Appendix-I (Letter comprising the Technical Bid).
- (b) Appendix-III (details of the bidder)
- (c) Power of Attorney for signing the BID as per the format at Appendix-VI;
- (d) BID Security of Rs. 2.00 Lakh (Rupees Two Lakhs Only) in the form of Bank Guarantee in the format at Appendix-V from a Scheduled Bank;
- (e) Method statement as per Appendix VI.

The envelope containing Technical Bid shall be titled as “(A) TECHNICAL BID - **BID for the MARINE GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT**” and the bidder name and address shall be written clearly on the cover.

BIDs submitted by fax, telex, telegram or e-mail shall not be entertained and shall be summarily rejected.

(B) Financial Bid

- (f) Appendix-II (Letter comprising the Financial Bid).

The envelope containing Technical Bid shall be titled as “(B) FINANCIAL BID - BID for the OFFSHORE GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT” and the bidder name and address shall be written clearly on the cover.



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT

PAYMENT SCHEME

Payment Terms and conditions

- (a) 30% advance is permissible on mobilisation of all equipment proposed in the method statement with the submission of Bank Guarantee for the equal amount.
- (b) 55% Payment after completion of boreholes/field work and submission draft report with all field logs and laboratory results.
- (c) 15% final payment submission of final report incorporating comments from CONSULTANT.

SCHEDULE

Following schedule shall be strictly followed

- Mobilisation within **TWO** weeks of purchase order date
- Drilling and sample collection within **SIX** weeks of purchase order date
- Submission of draft report within **EIGHT** weeks of purchase order date

Due to project schedule limitations, extension of time will not be granted



GEOTECHNICAL INVESTIGATION FOR MLT-II PROJECT AT ENNORE PORT

Bidder Query

Clarification No	Tender Reference Clause	Clarification Sought	Company's Response
01	2.3 Eligibility and Qualification requirements of Bidder 2.3.2 Qualification requirements of Bidder a) For demonstrating technical capacity and experience (the "Technical Capacity"), the Bidder shall, over the past 5 (five) financial years preceding the Bid Due Date, have received payments for of Eligible Project(s) such that the sum total thereof, is more than Rs. 1.00 Crore (Rupees One Crore Only) (the "Threshold Technical Capacity").	<i>Kindly confirm submission of Project Completion Certificate with project value will suffice the requirement.</i>	Acceptable
2.	7. Technical Specification Water depth at bore hole locations	<i>Kindly provide minimum and maximum water depth at the proposed bore hole locations to determine a suitable marine spread.</i>	Varies from 0m to 16m
3	7.13 Schedule Drilling and sample collection within SIX weeks of purchase order date	<i>4 weeks for field work seems to be too short considering the quantum of work. Request you to kindly amend to Eight weeks of purchase order date.</i>	Not possible



QUESTIONS ?

