



**PROJECTS & DEVELOPMENT INDIA LIMITED**  
(A GOVT. OF INDIA UNDERTAKING)

SHEET  
1 of 1

PDIL BHAWAN, SAMTA, SUBHANPURA, VADODARA-390 023, INDIA.  
PHONE: EPBAX-2388418, 19, 20, 21, TELEFAX : 91(O265) 2388398, 99  
E-MAIL: pdilwro@wro.pdilin.com

**INVITATION TO BID (ITB)**  
(OPEN DOMESTIC TENDER)

<b>Published in CPP e-Publishing Portal (E-Tender ID 2018_MCF_328345_1) &amp; Hosted at PDIL Website</b>	<b>ITB NO. : PVMM/Service/18-19/E-04/101015</b>	
	<b>TYPE OF BID</b> (For submission of bids please refer ITB Clause No.2.0 of Annexure-II)	<b>TWO BID SYSTEM</b>
	<b>TYPE OF OPENING</b>	<b>PUBLIC</b>
	<b>BID ISSUE DATE</b>	<b>07.06.2018</b>
	<b>BID CLOSING DATE &amp; TIME</b>	<b>18.06.2018 (15.00 Hrs.)</b>
	<b>UNPRICED TECHNO-COMMERCIAL BID OPENING DATE &amp; TIME</b>	<b>19.06.2018 (16.00 Hrs.)</b>
	<b>PRICE BID OPENING DATE &amp; TIME</b>	<b>To be intimated later.</b>
	<b>VENUE OF BID OPENING</b>	<b>PDIL, Vadodara</b>
	<b>EARNEST MONEY DEPOSIT (EMD)</b>	<b>Not Applicable</b>
	<b>CONTRACT PERIOD :</b>	<b>ONE (01) MONTH w.e.f. the handing over of site.</b>

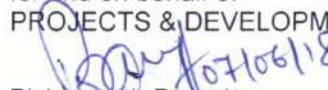
- 1.0 **PROJECTS & DEVELOPMENT INDIA LTD.**, a company registered under the Companies Act, 1956 having its registered offices at PDIL Bhavan, A-14, Sector-1, Noida-201 301, India (hereinafter referred to as PDIL or OWNER), a Govt. of India Undertaking under the administrative control of the Dept. Of Fertilizers, Ministry of Chemicals & Fertilizers. We, PDIL, Vadodara, Gujarat invites sealed bids in two parts under National Competitive Bidding, addressed to HOD (MM), for the under mentioned item subject to the 'Scope of Work' and 'Term & Conditions' enclosed herein.


SL.	DESCRIPTION OF JOBS/SERVICES	QUANTITY
1	<b>SERVICE-</b> for load test on existing piles at IOCL LPG import terminal, Kandla, Gujarat, India (PDIL's Project Site), as per the attached Scope of Work and Technical Enquiry Specification No. PC00167-PVCV-0200, Rev.0 dt.04.06.2018 and Commercial Terms & Conditions mentioned at Annexure-III B & III C.	<b>01 Job as per SOR</b>

- 2.0 The following enclosed documents are the part of ITB.

1.0	Pre-Qualification Criteria (PQC)	ANNEXURE-I, Rev 0	Sheets-1
2.0	Instructions to Bidder- e Publish	ANNEXURE-II, Rev 0	Sheets-1 to 3
3.0	General Conditions of Contract (GCC)	ANNEXURE-III B, Rev 0	Sheets-1 to 3
4.0	Special Conditions of Contract (SCC)	ANNEXURE-III C, Rev 0	Sheets-1 to 1
5.0	Scope of Work & Technical Enquiry Specifications Doc. No.PC00167-PVCV-0200, Rev.0 Dt. 04.06.18	ANNEXURE-IV, Rev.0	Total Sheets- 25
6.0	Schedule of Rate (SOR) Doc. No.PC00167-9512-0940, Rev.0 Dt. 05.06.18 (Submit Separately- in PRICE BID ENVELOPE).	ANNEXURE-V, Rev.0	Sheets-1 to 2
6.1	Unpriced Schedule (Unpriced SOR) Doc. No.PC00167-9512-0940, Rev.0 Dt. 05.06.18 (Submit with Envelope-B/Unpriced bid without prices)	ANNEXURE-V (Unpriced), Rev.0	Sheets-1 to 2
7.0	Checklist / Agreed Commercial Terms & Conditions (ACTC)	ANNEXURE-VI, Rev.0	Sheet-1
8.0	Declaration by Bidder	ANNEXURE-VII, Rev.0	Sheet-1
9.0	RTGS/NEFT Format For E-Payment	ANNEXURE-VIII, Rev.0	Sheet-1
10.0	Details Of Contractor / Company	ANNEXURE-IX, Rev.0	Sheet-1
11.0	Format of BG for Performance Security Not Attached	ANNEXURE-X, Rev.0	Not Attached

for and on behalf of  
**PROJECTS & DEVELOPMENT INDIA LIMITED**

  
Bishwanath Banerjee  
Manager (MM)

	<b>Pre Qualification Criteria(PQC) ANNEXURE – I</b>	PVMM/Service/18-19/E-04/101015 /ANX-I	0
		DOCUMENT NO	REV
		SHEET 1 OF 1	

Please refer the **PQC** given hereunder are for the subject tender i.e. **SERVICE- for load test on existing piles at IOCL LPG import terminal, Kandla, Gujarat, India (PDIL's Project Site)**:

**A. Pre qualification Criteria (Technical)**

Bidder must have experience of having successfully completed similar works during last 07 (Seven years) ending last of the month previous to the one in which Tenders/Bids are invited, should be either of the following:

Three similar completed Work/Order, each of Value not less than **Rs.1,40,000/-** (Rs. One Lakh forty thousand only)

Or

Two similar completed Work/Order, each of Value not less than **Rs.1,75,000/-** (Rs. One Lakh seventy five thousand only)

Or

One similar completed Work/Order of Value not less than **Rs.2,80,000/-** (Rs. Two Lakh Eighty thousand only)

**Similar works definition: having experience of pile testing works etc.**

**Note:** The bidders are required to submit copy of Purchase Order/Completion Certificate/ Performance certificate documents towards proof of value or Order executed.


**B. Pre qualification Criteria (Financial)**

i. Average Annual financial turnover during the last 3 years, ending 31st March 2017, should be at least **Rs.1,05,000/-** (Rs. One Lakh Five Thousand only).

ii. Net worth shall be Positive as on 31<sup>st</sup> March 2017.

**Note:** To meet the above criteria, the bidder are required to submit copy of Audited Annual Report(Balance Sheet and Profit & Loss account) for the last 03(three) financial years. Partnership firm/Proprietary firm may submit Chartered Accountant's certificate.

**Note:** The above document with respect to PQC must be submitted the copies duly self attested.

	<b>INSTRUCTION TO BIDDERS</b> <b>(for e-published tenders)</b> <b>ANNEXURE – V II</b>	PVMM/Service/18-19/E-04/101015 /ANX-II	0
		DOCUMENT NO	REV
		SHEET 1 OF 3	

1.0 A bidder who meets the Pre-Qualification Criteria as per ITB and intends to quote against this ITB may download the bidding document from PDIL website <http://pdilin.com> OR Central Public Procurement Portal <https://eprocure.gov.in/cppp> and submit the Bid complete in all respects as per terms & conditions of contract on or before the bid closing date and time.

## 2.0 Submission of Bids:

Bidders are required to submit their bids under three (03) envelopes as below:

### Envelope (A)

i. ~~Earnest Money Deposit (EMD) as per Cl. 6.0 below.~~ **(Not applicable for this tender)**

OR

A copy of valid Registration Certificate, in case of NSIC/MSE registered Companies.

ii. Format of Bank Details (RTGS) for on line payment, all the details duly filled in [Annexure-VIII](#).

[Bank Details for payment through Wire Transfer](#)

**Envelope (B): Un-priced Technical and Commercial Bid** along with the following documents (photocopies) shall be in this envelope:

- i. Documents in support of 'Pre-Qualification Criteria for Bidders' indicated in Annexure-I of ITB as per the requirement.
- ii. Complete ITB documents duly signed & stamped in each page with "Deviations"/"Exception" sheet (if any) and all Annexures duly filled in.
- iii. **Price Confirmation Copy** - A copy of Priced offer **keeping price blank** (hiding the price) and **in place indicating "Quoted" or "√"**, as a confirmation of price quoted against the enquired item and all applicable Taxes & Duties, shall be submitted
- iv. Copy of [Check List/ACTC](#) enclosed duly filled by the bidder making all the points clear and not leaving any voids.
- v. Photo copy of PAN card.
- vi. A Copy of valid GST registration certificate.
- vii. Any other document as per the requirement specified in the ITB.

### Envelope C: Price Bid


Schedule of Rate (SOR) as per [Annexure-V](#) with quoted rates in Rs. and Taxes & Duties, as applicable, signed and stamped.

All the above envelopes should be super scribed with respective **Envelope no., ITB No. and closing date of the bid**. All three (03) envelopes should be sealed and placed in a fourth envelop which should also be super scribed with our **ITB No. and closing date of the bid** and addressed to the under mentioned :

**HOD(MM),**  
**Projects & Development India Limited,**  
**PDIL Bhawan, Samta, Subhanpura,**  
**Vadodara-390023, Gujarat, India,**  
**Email : [bnbanerjee@wro.pdilin.com](mailto:bnbanerjee@wro.pdilin.com); [ansisodiya@wro.pdilin.com](mailto:ansisodiya@wro.pdilin.com)**

## 3.0 Opening of Bids

Bid opening will be Public. Envelope A and B only will be opened on Technical Bid Opening Date. Price Bids (Envelope C) of only those bidders will be opened which will be considered technically and commercially acceptable.

	<b>INSTRUCTION TO BIDDERS</b> <b>(for e-published tenders)</b> <b>ANNEXURE – V II</b>	PVMM/Service/18-19/E-04/101015 /ANX-II	0
		DOCUMENT NO	REV
		SHEET 2 OF 3	

#### 4.0 Evaluation of Bids

Bids shall be evaluated for Pre-Qualification Criteria (PQC) first and Techno-Commercial Bid Evaluation shall be carried out, only for those Bids which shall meet the Pre-Qualification Criteria (PQC).

Bids shall be scrutinized on Techno-Commercial parameters. Bids having unacceptable deviation may be rejected at this stage. However, clarifications shall be sought from bidder for any shortcoming found in their Bid at this stage.

The PRICE BID shall be opened only of those bidders who will be technically and commercially suitable.

#### 5.0 Price Evaluation Criteria

Price Evaluation of Bids shall be done considering the quoted prices, by the bidder in the [Schedule of Rate \(SOR\)](#), [alongwith](#) taxes and duties, on overall lowest bidder considering the Input Tax Credit to PDIL.

In case of any discrepancy, unit rate shall prevail for calculation to arrive at the total price.

In case a bidder does not fill up any amount and leaves it blank or writing 'N/A' or put '-' against any item of Schedule of Rate (SOR), it shall be deemed that cost of such item (s) is included in other item by the bidder elsewhere in the quoted price.

Incomplete Schedule of Rate (SOR) may result into rejection of bid.

#### 6.0 Earnest Money Deposit (EMD) (Not Applicable for this tender)

~~Earnest money deposit (Rs. \_\_\_\_\_) shall be submitted by way of Demand Draft/ Banker's Cheque only drawn on any Scheduled/ Nationalized Bank in favour of 'Projects & Development India Ltd.', Vadodara. **Quotation/Bid without EMD may not be considered.** However, NSIC/MSEs registered Companies are exempted from submission of EMD provided a valid Certificate in this regard is submitted.~~

~~6.1 EMD shall be refunded:~~

- ~~• To the unsuccessful bidders after acceptance of order by the successful bidder(s).~~
- ~~• To the successful bidder(s) after deposition of Security money/ confirmation by the Bank for the Security cum Performance Guarantee submitted by bidder~~

~~No interest shall be payable on EMD.~~

~~6.2 EMD may be forfeited without prejudice to any other right or remedy of PDIL including but not limited to following circumstances:~~

~~a) If a bidder withdraws his bid during the period of bid validity specified by the bidder~~

~~OR~~

~~b) In the case of successful bidder, if the bidder fails to accept the order.~~

~~OR~~


~~c) If a bidder is found to have furnished Mis representation or wrongful declaration/presentation of qualifying data and other facts in their Bid.~~

#### 7.0 Validity of Bids

Prices quoted should remain valid for our acceptance for a minimum **period of 90 days from the date of opening of technical bids**. PDIL will not allow any revision in prices within validity period after sealed tender are opened.


8.0 If at any later date, it is found that documents, information and data submitted by the Bidder in the Bid, and based on which the Bidder has been considered eligible or successful or has been awarded the Contract is incorrect or false to the extent that had the correct or true information been made available to the OWNER at the time of Bid evaluation, the bid would have been declared ineligible or unsuccessful, the Bidder shall be forthwith disqualified or, as the case may be, the contract awarded based on such incorrect or false information shall be cancelled and the EMD/PBG/Security Deposit shall be liable to be forfeited.

9.0 Bidders are required to carefully go through the entire scope of ENQUIRY, terms and conditions, and other requirements before quoting. They should feel free to contact PDIL before submission of bid if they have

	<b>INSTRUCTION TO BIDDERS</b> <b>(for e-published tenders)</b> <b>ANNEXURE – V II</b>	PVMM/Service/18-19/E-04/101015 /ANX-II	0
		DOCUMENT NO	REV
		SHEET 3 OF 3	

any query on it. Once the bid is submitted, PDIL will presume that the bidder has understood thoroughly the Scope of Supply along with terms & conditions and all these are acceptable to them.

- 10.0 Bids shall be typed or written in indelible ink and must be free from corrections / erasing / overwriting etc. Any changes made must be authenticated with initial by the Bidder.
- 11.0 Bid shall be ideally in conformity to the Scope of supply/work along with all Terms & conditions, stipulated in the ENQUIRY. PDIL shall appreciate to receive a Bid having no deviation. However, under unavoidable circumstance, a Bidder may submit Deviations in a separate sheet, which PDIL at its own liberty may accept or reject. Deviations found elsewhere inside the Bid document shall not be considered. Deviations including condition(s), if any, found in the Price bid shall liable for rejection of a Bid in totality.
- 12.0 PDIL reserves the right to reject any or all the bids without assigning any reason whatsoever and does not bind itself to accept the lowest or any other bid. All bids in which any of the prescribed conditions are to be fulfilled or are incomplete in any respect are liable to be rejected. PDIL is at liberty to take any of the following actions in case of this ITB:
- to cancel the tender without reference to the bidders.
  - to postpone the due date and time.
- 13.0 Bidders shall not be entitled to claim any costs, charges, expenses or incidentals for or in connection with the preparation and submission of their bids even though Project & development of India Limited may withdraw the enquiry/tender or reject all bids.
- 14.0 **SITE VISIT:** If needed, Bidder may visit the site before quoting their rates. For site visit and any clarifications please contact to:
- Shri D K Karamata**  
Addl. GM (Civil),  
Projects & Development India Limited,  
Vadodara.  
Phone:0265-2388403, EPABX-0265-2388418-21, Extn-109, FAX: 0265-2388398/99  
Email: [dkkaramata@wro.pdilin.com](mailto:dkkaramata@wro.pdilin.com)
- 15.0 Bids submitted thro' FAX and e-mail will not be accepted. No request from any bidder to PDIL to collect the bid from airlines, cargo agents etc. shall be entertained by PDIL.
- 16.0 PDIL reserve the rights to assess bidder's capability and capacity to perform the contract.
- 17.0 Bids must be submitted on or before the closing date and time physically in the bid box at the office of **HOD(MM), Projects & Development India Limited, PDIL Bhawan, Samta, Subhanpura, Vadodara-390023, Gujarat, India**, or by registered post/courier on the above address so as to reach well in advance of the closing date and time. Offers received late are liable for rejection & no complaint shall be entertained in this regard for any reason whatsoever including postal/courier delay.
- 18.0 To know more about PDIL, please visit our website <http://www.pdilin.com>

	<b>GENERAL CONDITIONS OF CONTRACT (GCC) ANNEXURE - IIIB</b>	PVMM/Service/18-19/E-04/101015/ANX-IIIC	0
		DOCUMENT NO	REV
		SHEET 1 OF 3	

### 1.0 Scope of Contract

The Scope of Contract/ Purchase Order (P.O), shall be as per 'Scope of Work & Technical Enquiry Specification' and/or 'Schedule of Rate (SOR)', attached to the ITB, unless & otherwise it is modified, at subsequent stage of bidding.

### 2.0 Firm Price

Price to be quoted shall be firm and subject to no escalation whatsoever during the contractual completion period including extended period, if any, except for any statutory variations i.e. change in the rate of tax & duty and/or inclusion of any new tax & duty.

Bid with variable price will not be accepted.

### 3.0 Price Basis

Duly executed at location specified elsewhere in this ITB.

### 4.0 Taxes and duties (To be read in conjunction with SCC)

- 4.1 Rate of **Goods & Service Tax (GST)**, should be indicated in the 'Schedule of Rate (SOR)' and which shall be paid as extra.
- 4.2 Statutory variation in taxes and duties including imposition of any new tax & duty, within the scheduled Completion period, as per P.O, shall be paid at actual on production of documentary evidence.
  - 4.2.1 In case of delay in supply, if there is any increase in the rate of tax & duty and/or there is imposition of any new tax/ duty by statutory authorities, PDIL shall restrict the payment of taxes & duties, as prevalent on the scheduled delivery/ completion period only, as mentioned in the P.O and amendment(s) there to.
  - 4.2.2 If there is any decrease in applicable rate of taxes & duties &/or there is any withdrawal of any tax & duty by statutory authorities, during the delivery/ completion period including extended/amended period of P.O, shall accrue to PDIL's a/c.
- 4.3 The Supplier has to submit / furnish all necessary documents / information to enable PDIL claim Input Tax Credit in respect of GST.
- 4.4 PDIL shall not issue any form other than Form 38 i.e. Road Permit, if required, on written request by the Supplier

5.0 Effective date of Contract/ P.O: Shall be the date of issuance of LOI/ P.O.

### 6.0 Completion Period/ Time Schedule

6.1 Mobilization Period: ~~...days from the date of intimation by PDIL.~~

**Completion Period: ONE (01) MONTH days/ weeks/ month** from the effective date of order **handing over of site .**

### 6.2 For Annual Maintenance Contract(AMC) / Annual Rate Contract(ARC)


~~The Contract shall be valid for a period of \_\_\_\_\_Year/s from the Effective date. This period can be further extended on mutual agreement.~~

### 7.0 Payment Terms

**100% Payment shall be released**, within 30 days after completion of job/work ~~as per milestone defined, elsewhere in the ITB,~~ on against the invoice, duly certified by Engineer In Charge of PDIL.

### 7.1 Payment For AMC/ ARC:

**100% quarterly payment on prorata basis** shall be released within 30 days of submission of invoice duly certified by Engineer In Charge of PDIL. ~~The quarterly bills for the executed service / Work shall be submitted by the contractor with all necessary documents to the Operator of the Contract.~~

	<b>GENERAL CONDITIONS OF CONTRACT (GCC) ANNEXURE - IIIB</b>	PVMM/Service/18-19/E-04/101015/ANX-IIIC	0
		DOCUMENT NO	REV
		SHEET 2 OF 3	

The above payments shall be released subject to submission of ~~Security cum Performance Guarantee/~~ Security Deposit, **if applicable**, as mentioned herein below, failing which the same amount shall be deducted from the Contractor's Bill(s)

All payments will be made by account payee cheque or direct transfer in bank account through RTGS.

#### 7.2 Tax deduction at source

Income tax, as applicable as per income tax act, shall be deducted at source from the Contractor's bills and a certificate towards this deduction shall be issued to the Contractor.

#### 8.0 **Security Deposit (To be read in conjunction with SCC Clause 8.0)**

Security-cum-Performance Guarantee / Security Deposit shall be applicable for P.O value more than Rs. 2.00 lac.

#### 8.1 Security cum Performance Guarantee/ Security Deposit for an amount equivalent to 10% of P.O value shall be submitted within 15 days of issuance of P.O, in the form of Demand Draft (DD)/Banker's Cheque. The same shall be valid to cover completion period plus warranty/guarantee period, if any.

~~Bank Guarantee (BG) for Security Deposit shall be entertained for value  $\geq$  Rs.1.00 lac. PBG shall be valid to cover completion period plus three (03) months claim period thereafter. PBG shall be issued by any Scheduled Commercial Bank. Format of PBG is enclosed herewith at [Annexure X](#).~~

In the absence of submission of Security Deposit, the equivalent amount after adjustment of EMD amt., if any, shall be adjusted from the bills.

#### 8.2 ~~In the case, where OEM's Guarantee/Warranty is applicable, as performance Guarantee Earnest Money deposit (EMD) shall be retained as Security Deposit which shall be refund after 30 days on receipt and acceptance of equipment/material(s).~~

~~OR in case of ARC, Earnest Money deposit (EMD) shall be retained as Security Deposit for faithful performance of contract.~~

#### 8.3 No interest shall be payable on Security cum Performance Guarantee/ Security Deposit.

#### 8.4 [PDIL Vadodara](#), however, reserves the right to encash/ forfeit the Security Deposit, if the Contractor fails to execute the Contract and/or abide by all the terms and conditions of the P.O.

#### 8.5 Performance Guarantee / Security deposit shall be refunded after 30 days of completion of Guarantee / Warranty period / Completion of delivery on the certification of Engineer In Charge for due fulfilment of the contractual obligations and after adjusting the expenditure incurred by the Owner, if any, on account of any failure on the part of the contractor.

#### 9.0 **Price reduction clause**

In the event of delay in completion beyond contractual completion period, price reduction @0.5% per week or part thereof subject to maximum 5% of total P.O value shall be recovered from Contractor's bill(s).

#### 10.0 **Insurance**

Necessary insurance(s) to cover accident risk for his employees loss of life, material etc. to crew or the third party to be arranged by Contractor at his cost.

#### 11.0 **Statutory obligation and Safety Rules (For AMC/ ARC)**

The Contractor will have to follow all safety rules and measures during contract period and will be fully responsible for implementing rules, obligations and statutory provisions of government and all the consequences in the event of any eventuality.

The Contractor shall be responsible to observe and comply with all statutory requirement including contract labour act 1970, minimum wage act – 1948 and EPF act 1952 etc. including all amendments thereof in vague both of central and state government. PDIL shall be kept indemnified against any action brought against it or any violation / non-compliance of any act /acts, all expenses for compliance of above acts and regulations shall be borne by the contractor.

	<b>GENERAL CONDITIONS OF CONTRACT (GCC) ANNEXURE - IIIB</b>	PVMM/Service/18-19/E-04/101015/ANX-IIIC	0
		DOCUMENT NO	REV
		SHEET 3 OF 3	

The Contractor shall comply with at his cost all safety norms such as Fire and Safety regulation act as applicable at site.

The Contractor shall be responsible for all risk involved in respect of their personnel and material at site and arrange proper insurance coverage at his cost.

Personnel deployed should be medically fit to work should possess good conduct and should have no past criminal record and shall maintain high standard discipline, decency and decorum. PDIL reserves the right at its sole discretion to ask for replacement of any person employed by the contractor.

#### **12.0 Termination**

In the event of unsatisfactory performance, PDIL reserves right to cancel part or whole of the order / contract and make alternate arrangement at any time during currency of contract on risk & costs of contractor and / or forfeit security deposit.

#### **13.0 Force Majeure**

The act of God, epidemic, wars, revolution, and official strike shall be treated as force majeure condition. In event of occurrence of such condition neither party shall be responsible for delay in performance provided that it is notified within 07 days of its occurrence. The Contractor shall provide justification by documentation countersigned by the local chamber of commerce.

#### **14.0 Arbitration**

All cases of dispute arising during execution of contract shall be resolved by mutual discussion of parties operating the Contract. In the event of failure to do so, matter will be settled as per Arbitration and Conciliation Act, 1996, as amended from time to time.

However, wherever applicable, in case of settlement of commercial disputes between PSEs inter SE and PSE(s) and Government Department(s), the same shall be settled through Permanent Machinery of Arbitrators (PMA) setup in the Department of Public Enterprises(DPEs) as per the following Clause:


“In the event of any dispute or difference relating to the Interpretation and application of the provisions of the contracts, such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary/Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusively. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator”.

The performance under this contract, shall not stop for any reason, whatsoever, during the said dispute / proceedings, unless the service provider is specifically directed by PDIL to desist from working in this behalf.

#### **15.0 Jurisdiction**

The P.O shall be deemed to have been entered into at Noida/Vadodara/Sindri, for PDIL's different Unit, as the case may be and all cases of action in relation to the P.O shall, therefore, be deemed to have been assigned within its jurisdiction for respective Unit/location.



	<b>SPECIAL CONDITIONS OF CONTRACT (SCC) ANNEXURE - IIIC</b>	PVMM/Service/18-19/E-04/101015 /ANX- IIIC	0
		DOCUMENT NO	REV
		SHEET 1 OF 1	

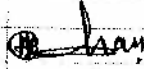
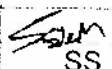
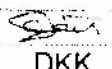
- 1.0 SCOPE OF JOB : Service- for load test on existing piles at IOCL LPG import terminal, Kandla, Gujarat, India (PDIL's Project Site),** as per Scope of Work & Technical Enquiry Specification, Doc. No.PC00167-PVCV-0200, Rev.0 Dt. 04.06.2018, enclosed with this ITB.
- 1.1 PRICE BASIS:** The bidder shall quote **item wise lumpsum Unit rates and Total amount in attached Schedule of Rates (Doc. No. PC00167-9512-0940, Rev.0).** The quoted Prices shall be **Duly executed the job at IOCL, Kandla Site basis inclusive of all cost of labour, equipment & machineries or all other associated cost with consumables and all taxes & duties EXCEPT GST which shall be applicable as indicated by bidder in ACTC/Separately. No extra payment shall be made,**
- 2.0 Bids will be evaluated on the basis of Pre-Qualification Criteria(PQC)** mentioned in Annexure-I. The Offer, not meeting the **Pre-Qualification Criteria(PQC),** shall not be considered for further evaluation.
- 3.0 PART ORDER/SPLIT ORDER:** Part Order / Split Order is **NOT APPLICABLE** for this tender, hence, evaluation shall be carried out on overall basis.
- 4.0 DISCREPANCIES IN QUOTED PRICES:** **The prices must be written both in figures and words. Unit prices shall be considered correct in the event of any discrepancy with regard to total price. In the event of difference, prices written in words shall be valid & binding. If the bidder has submitted prices in the price schedule & also on their own letter head/format, the prices written in the Price Schedule shall be considered valid & binding, in case of any discrepancy.**
- 5.0 Goods & Service Tax (GST):** GST shall be paid **EXTRA as applicable as per GST law** against **GST Registration Number Only. Bidder shall clearly indicate the present applicable rate of GST in Percentage (%) and enclose copy of GST registration certificate alongwith unpriced offer.**
- 5.1 PDIL shall avail Input Credit against payment of GST** hence, this **credit amount to PDIL will be considered while evaluating the price** for which necessary documents shall be provided by the bidder to enable PDIL to avail the credit.
- 5.2** Imposition of any new taxes & duties and changes in quoted taxes & duties after issuance of LOI/PO by statutory authorities during contractual period shall be considered on production of documentary evidence.
- 6.0 COMPLETION PERIOD: ONE (01) MONTH** from the **handing over of site.**
- 7.0 PAYMENT TERMS:** Within 30 days of submission of your invoice duly certified by Contact Person, PDIL for executed services/Work.
- 7.1** Invoice for payment shall be submitted to Contact person of PDIL who shall forward after certification, to Finance for payment.
- 7.2** The mode of Payment to Supplier/Contractor in PDIL is generally E-Payment through RTGS/NEFT. To facilitate the same, **Successful Bidder to fill up the required details in the format for E-Payment through RTGS/NEFT (Refer Annexure-VIII) and submit the same alongwith EMD in Envelope-A.**
- 7.3 If you are eligible/entitled for any privilege/benefit under any statutory body/act/law like MSMED Act 2006 for MICRO/MEDIUM/SMALL Scale Company etc, please submit the valid documentary evidence and clearly indicate in your offer.**
- 8.0 PERFORMANCE SECURITY DEPOSIT:** As per **clause no.8.0 of GCC (Annexure-IIIB).**
- 9.0 CONTACT PERSON/EIC for OPERATION OF ORDER/CONTRACT:** This order/contract shall be operated by contact person of PDIL **Mr. D K Karamata, HOD(CE, PE, Comp), PDIL,Vadodara E-mail: dkkaramata@wro.pdilin.com** or his authorized representative.
- 10.0** In case of an irreconcilable conflict between General Conditions of Contract, Special Conditions of Contract, terms specified in Special Conditions of Contract shall prevail.


	PROJECTS & DEVELOPMENT INDIA LTD	PC00167-PVCV-0200	0
		DOCUMENT NO	REV
		SHEET 1 OF 2	

## ANNEXURE-IV

ITB No. PVMM/Service/18-19/E-04/101015



### LOAD TEST ON EXISTING PILES AT IOCL LPG IMPORT TERMINAL, KANDLA, GUJARAT

0	04.06.2018	ISSUED FOR INQUIRY			
REV.	DATE	PURPOSE	HAKEEM PREPD	SS REVWD	DKK APPD

	<b>LOAD TEST ON EXISTING PILE OF IOCL LPG IMPORT, TERMINAL, KANDLA, GUJARAT</b>	PC00167-PVCV-0200	0
		DOCUMENT NO	REV
		SHEET 2 OF 2	

**CONTENTS**

SL. NO.	DOCUMENT DESCRIPTION	DOCUMENT/ DRAWING NO.	REV NO.	NO. OF SHEETS
1	SCOPE OF WORK FOR LOAD TEST ON PILE	PC00167-SOW-0201	0	6
3	TECHNICAL SPECIFICATION FOR LOAD TEST ON PILE	PC00167-TS-0202	0	19
5	SCHEDULE OF RATES FOR TESTING OF PILES	PC00167-9511-0940	0	2


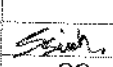

	PROJECTS & DEVELOPMENT INDIA LTD.	PC00167-SOW-0201	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV	
		Sheet 1 of 5		

TITLE  
SCOPE OF WORK  
FOR  
PILE LOAD TEST



PROJECT  
CAPACITY AUGMENTATION OF  
IOCL LPG IMPORT TERMINAL,  
AT  
KANDLA, GUJARAT

OWNER  
INDIAN OIL CORPORATION LIMITED  
MUMBAI

ENGINEERING CONSULTANT  
PROJECTS & DEVELOPMENT INDIA LIMITED  
VADODARA

0	04.06.2018	05.06.2018	ISSUED FOR INQUIRY			
REV	REV DATE	EFF DATE	PURPOSE	HAKEEM PREPD	SS REVWD	DKK APPD

All rights reserved

	<b>SCOPE OF WORK FOR LOAD TEST ON EXISTING PILE</b>	PC00167-SOW-0201	0	 <b>IndianOil</b> A Maharajna Company
		DOCUMENT NO.	REV	
		Sheet 2 of 5		

### CONTENTS

1. Introduction	3
2. Scope of work	3

	<b>SCOPE OF WORK FOR LOAD TEST ON EXISTING PILE</b>	PC00167-SOW-0201	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV	
		Sheet 3 of 5		

## SCOPE OF WORK

### 1.0 GENERAL

#### 1.1 INFORMATION ABOUT THE SITE

IOCL LPG IMPORT TERMINAL KANDLA is located approx. 20Km from Gandhidham Town. It is very well connected with Gandhidham.

The Pile Testing sites are located inside the campus of IOCL LPG Import Kandla.

- 1.1.2 The Bidder shall inspect and examine the site and its surrounding and shall satisfy himself before submitting his bid as to the nature of the ground and subsoil, the form and nature of the site, the quantum and the nature of work and material necessary for successful completion of the works and the means of access to site and in general shall himself obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect his Tender. Under no circumstances, extra payment consequent on any misunderstanding or otherwise on the part of the Contractor shall be allowed.



### 2.0 SCOPE OF WORK

#### 2.0.1 TEST OF PILE

- 2.0.2 Routine vertical and lateral load test has to be carried out in single pile to ascertain the capacities of piles and their behaviors. Test shall be carried out as per the requirement of IS 2911, part IV and test result shall be submitted with all details and graphs. Pile for testing be selected by the Engineer – in – charge. The scheme of pile test shall be submitted by the contractor for approved of the Engineer – in – charge prior to making arrangement for tests on selected piles. his approval shall however, shall not relieve the contractor from the responsibility of conducting the test safely and in a technically sound manner.

#### 2.1 Finishing of Pile Heads:

The top level of concrete in the pile shall be brought up sufficient above the required level or cut - off- level to allow for slumping or withdrawal of casing tube, and also to have a minimum allowance above cut-off-level for removal of all laitance and weak concrete at the cut-off-level. Any defective concrete at the head of the completed pile shall be cut out and made good with new concrete bonded to the old concrete. Manual chipping of the pile heads may be permitted after three days of pile casting. Pneumatic tools for chippings shall not

	<b>SCOPE OF WORK FOR LOAD TEST ON EXISTING PILE</b>	PC00167-SOW-0201	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV	
		Sheet 4 of 5		

be used before 7 days after pile casting.

### 3 Procedure for routine load tests on piles:

- 4 Loading shall be carried out up to one and a half (1.5) times the safe load or up to the load at which the total settlement attains a value of 12mm for single piles, whichever is earlier.
- 5 The pile head shall be chipped or carefully till sound concrete is met. The projecting reinforcement shall be cut off and the top surface finished smooth and leveled with plaster of Paris when required. AMS bearing plate shall be placed on the head of the pile for the jack to rest.
- 6 Integrity test: All piles shall be got tested through reputed agency, as approved by Engineer-in-Charge, using low strain integrity testing method. The contractor shall prepare the pile heads for testing of the piles. Test report shall be furnished to Engineer-in-Charge. Decision of the Engineer-in-Charge shall be final and binding in this regard.
- 7 The payment for the testing of piles, vide items in the schedule of quantity shall be made to the Contractor only when the routine test is carried out and completed under the directions and to the entire satisfaction of the Engineer-in-charge with relevant IS Code.

### 8 SITE CLEANING

During testing and on completion of testing (inclusive of all internal and external finish) clearing all the debris and waste materials scattered around the site and disposal of the same as per direction of the Engineer-in-Charge, shall be in the scope of the Contractor.


### 9 TIME SCHEDULE

The time for completion of the work in all respects shall be 1(One) Month from the date of handing over the site, including mobilization of materials at site, installation of the equipment, purging operation, decommissioning and clearing of site.

- 9.1 If the work is suspended temporarily on account of owner scope as per site conditions the same will be considered for extension of time.

The Contractor shall carry out the work in all respects, in accordance with the Contract, for the entire period of the contract.

### 10 SAFETY AND SECURITY

	<b>SCOPE OF WORK FOR LOAD TEST ON EXISTING PILE</b>	PC00167-SOW-0201	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV	
		Sheet 5 of 5		

- 11 All equipment shall be complete with approved safety devices wherever a Potential hazard to personnel exists and with provision for safe access of Personnel to and around equipment for operation and maintenance functions.
- 12 Special care shall be taken to ensure against entry of rats, lizards and other Creeping reptiles, which may create electrical short circuit inside live equipment.
- 12.1 Contractor shall take all precautions necessary and abide by relevant rules of safety including explosive rules and regulations and such other rules and regulations. The contractor shall also take such other additional precautions and resort to such other additional safety measures as may be directed from time to time by the EIC.
- 12.2 The Contractor shall be responsible to enforce in his work force strict discipline and safety consciousness required to be observed in official premises and shall ensure that the work is carried out under constant supervisors by competent supervisors who are adequately informed and experienced for handling the work in such environment.
- 12.3 Security of all the materials brought / supplied by the contractor for execution of work shall be the sole responsibility of the contractor. Any losses / lapses on this account shall not be entertained.
- 12.4 **RESTRICTION OF VISITORS**
- The Contractor shall not allow any visitors on the works or premises of the sites without the prior approval of the Officer-in-Charge/Site Engineer



	<b>PROJECTS &amp; DEVELOPMENT INDIA LTD.</b>	PC00167-TS-0202	0	
		DOCUMENT NO.	REV.	
		SHEET 1 of 18		

**TITLE**

**TECHNICAL SPECIFICATIONS FOR TESTING OF BORED CAS-IN-SITU PILES**

**PROJECT**

**PROJECT MANAGEMENT CONSULTANCY FOR CAPACITY AUGMENTATION OF IOCL LPG IMPORT TERMINAL, KANDLA, GUJARAT**

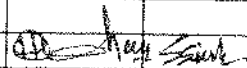
**EPMC**



**PROJECTS & DEVELOPMENT INDIA LIMITED, BARODA**

**OWNER**

**INDIAN OIL CORPORATION LIMITED, MUMBAI**



**PDIL PROJECT NO: PC00167**

0	28.05.2018	28.05.2018	FOR TENDER			
REV	REV DATE	EFF DATE	PURPOSE	PREPD	REVWD	APPD

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV.	
		SHEET 2 of 18		

CONTENTS

Sl.No	Description	Sheet Number
1.00	SCOPE	
2.00	GENERAL REQUIREMENTS	
3.00	CODES AND STANDARDS	
4.00	MATERIALS	
5.00	CONCRETE	
6.00	SAMPLING, TESTING AND QUALITY ASSURANCE	
7.00	LOAD TEST ON PILES	
8.00	RECORDING OF DATA & PRESENTATION	
ANNEXURE-A	PILE DATA	
TABLE - 1	FREQUENCY OF SAMPLING AND TESTING	
ANNEXURE-B	PILE LOAD TEST DATA	

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	
		DOCUMENT NO.	REV.	
		SHEET 3 of 18		

1.00.0 **SCOPE**

1.01.0 This specifications covers the technical requirements for load test (Initial and Routine tests) on reinforced concrete single vertical piles of to assess their vertical, horizontal and pull-out load carrying capacity.

1.02.1 Load tests on piles shall conform to **IS: 2911 (Part-4)**.

2.00.0 **GENERAL REQUIREMENTS**

2.01.0 The work shall include mobilisation of all necessary equipments, providing necessary engineering supervision through qualified and technical personnel, skilled and unskilled labour, etc. as required to carry out the complete **piling load tests** and submission of records/ reports as per schedule.



2.02.0 Consequent upon award of work and prior to testing of piles, the Contractor shall submit design and drawing of loading platform to **Owner's/ Consultant's** for approval. The Contractor for his responsibility to carry out all the initial (vertical, lateral and pull-out) load test of piles prior to installation of the job piles. The pile capacity to be used in design shall be arrived at from the initial load test of piles.

2.04.0 It is essential that all equipment and instruments are properly **calibrated** both at commencement and immediately after the tests so that they represent true values. Certificates to this effect from an approved institution shall be furnished to the Engineer-in-Charge. If the Engineer-in-Charge so desires the contractor shall arrange for having the instruments tested at an approved laboratory at his own cost and the test report shall be submitted to the Engineer-in-Charge. If the Engineer-in-Charge desires to witness such tests Contractor shall arrange to conduct the test in his presence.



2.07.0 The complete jacking system including the hydraulic jack, hydraulic pump and pressure gauge shall be calibrated as unit. The complete unit shall be calibrated over its complete range of travel for increasing and decreasing loads same as that of test loads. The **calibration certificate** shall be submitted to the Engineer-in-Charge.

2.08.0 The reaction load to be made available for the test shall be at least 25 % greater than the maximum jacking force. The reaction system as relevant shall be designed for the total reaction load. All reaction loads shall be stable and balanced during all operations of testing. During testing, stability of reaction system shall be ensured.

2.09.0 The load applied on the pile shall be measured by a **calibrated pressure gauge** mounted on the jack with a least count of not more than 10 % of the safe load.

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	
		DOCUMENT NO.	REV.	
		SHEET 4 of 18		

- 2.10.0 The displacement of pile( In vertical, horizontal and uplift) shall be measured using dial gauges having a least count **0.01 mm**.
- 2.11.0 Load test shall be conducted at pile cut off level (COL). If the water table is above the COL the test pit shall be kept dry through out the test period by suitable dewatering methods.
- 2.11.1 In case of initial vertical load test where the water table level is higher than the COL Contractor may use reaction piles for testing purposes in each case. Engineer-in-Charge may at his discretion decide to rise the COL above water table.
- 2.12.0 Full details of the equipment proposed to be used and the test setup with detail sketches shall be submitted to the Engineer-in-Charge, before making arrangement to carry out the tests, for his approval. Approval of the Engineer- in- Charge shall also be obtained after the test set up is complete prior to commencement of loading.
- 2.13.0 All operations in connection with pile load test shall be carried out in a safe manner so as to prevent the exposure of people to hazard.
- 2.14.0 If any test has to be discontinued, which in the opinion of the Engineer-in-Charge interferes with the load test results, and he decides to abandon the test, the Contractor shall install another pile for the purpose and repeat the test after correcting the fault and the cost of all such operations, including the cost of test pile, shall be at the Contractor's expense.
- 2.15.0 After completion of piling test work contractor shall submit four copies of the following documents for Owners record and future reference:
- a. Initial load test data for all tests done along with the pile data and the analysis of the initial test results.
  - b. Pile data along with concrete mix design detail (note pile data shall contain details as per requirement of Annexure- A).
  - c. Routine load test data for all tests done.
  - d. A full record giving all details of test in the performa shown in Annexure- B shall be submitted in triplicate to the Engineer- in- Charge immediately on completion of each test. The record shall also include the plots of:
    - i. Load VS. Settlement
    - ii. Time VS. Settlement (for each increment of load),

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV.	
		SHEET 5 of 18		

iii. Characteristic of the piles and the interpretation of the pile load test curve as per the criteria for safe loads as mentioned in the specification.

2.16.0 Before commencement of the work, the Contractor shall submit Quality Assurance Plan to the Owner/Consultant for their approval.

#### 8.00.0 **SAMPLING, TESTING, AND QUALITY ASSURANCE**

8.01.0 Facilities required for sampling and testing materials, concrete, etc. in field and in laboratories shall be provided by the contractor. The contractor shall carry out all sampling and testing in accordance with the relevant Indian Standards and this specification. Where no specific testing procedure is mentioned the test should be carried out as per the prevalent accepted engineering practice to the direction of Engineer-in-Charge. Test shall be done in presence of Engineer-in-Charge or his authorised representative. In case the Engineer-in-Charge requires additional tests, the contractor shall arrange to get these tests done and submit the test results in triplicate within three days after completion of any test.

#### 8.02.0 **RECORDS**



The contractor shall maintain records of all inspection and testing, which shall be made available to the Engineer-in-Charge. The Engineer-in-Charge at his discretion may waive some of the stipulations for small and unimportant concreting operations and other works.

#### 8.03.0 **UNSUITABLE MATERIALS**

Materials found unsuitable for acceptance shall be removed and replaced by the contractor. The work shall be redone as per specification requirements and to the satisfaction of the Engineer-in-Charge at no extra cost to the Owner.

#### 8.04.0 **QUALITY ASSURANCE PROGAEMME**

8.04.1 The Contractor shall submit and finalise a detailed Field Quality Assurance Programme within 05 days from the date of award of contract, according to the requirements of this specification. This shall include setting up of a testing laboratory, arrangement of testing apparatus/equipment, deployment of qualified/experienced manpower, preparation of field quality plan, etc. On finalised field quality plan, the Owner shall identify, customer hold points, beyond which the work shall not proceed without written approval from the Sngineer- in- Charge. The

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV.	
		SHEET 6 of 18		

testing apparatus/equipment installed in the field laboratory shall be calibrated/corrected by the qualified persons as frequently as possible to give accurate testing results.

8.04.2 Frequency of sampling and testing, etc. and acceptance Criteria are given in Table-1. The testing shall be done at field laboratory or any other laboratory approved by the Engineer-in-Charge. However, the testing frequencies set forth are the desirable minimum and the Engineer- in- Charge shall have the full authority to call for tests as frequently as he may deem necessary to satisfy himself that the materials and works comply with the appropriate specifications. The materials shall be tested to all the specified requirements as per relevant IS codes before acceptance at manufacturers premises or at independent Government laboratory. Tests indicated in the Table- 1 are for cross checking at site the conformity of the materials to some of the specifications.

#### 8.05.0 TESTING OF CONCRETE

8.05.1 Concrete and other materials shall be tested for quality and strength and other properties as per relevant IS codes.

#### 9.00.0 LOAD TEST ON PILES

##### 9.01.0 TYPE OF TESTS



9.01.1 The Contractor shall carry out two categories of load tests i.e. Initial Load and Routine Load Tests in accordance with IS: 2911 (Part-4).

9.01.2 Initial load test shall be conducted to assess the safe load carrying capacity of pile before start of installation of working piles. This shall include the following type of tests :

- a. Cyclic compression load test to assess safe vertical load capacity.
- b. Lateral load test to assess safe horizontal load capacity.
- c. Tension load test to assess safe pull out load capacity.

9.01.3 The minimum number of Initial Load Test for each diameter of pile proposed shall be as under :

- a. Vertical Compression : 1 No.
- b. Lateral : 1 No.

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV.	
		SHEET 7 of 18		

9.01.4 Routine load tests of piles as per IS: 2911 (Part-4) shall be conducted to verify the load capacity of working piles. This shall include the following types:

- a. Direct Compression load test for vertical load capacity.
- b. Lateral load test for horizontal load capacity.

9.01.5 The minimum number of routine load test for each diameter and type shall be 0.5 percent of the total number of working piles. The number of tests may be increased up to 2 percent as decided by the Engineer -in-Charge in a particular case depending upon nature, type of structure and strata condition.

#### 9.02.0 TEST PILE.

9.02.1 The test piles for routine load test shall be identified by the Engineer-in-Charge.

9.02.2 A minimum time period of four weeks shall be allowed between the time of pile casting and testing Test pile head shall be prepared for testing purposes only one week after casting the pile.

9.02.3 The test piles shall be cut off at the proper level and provided with a proper cap so as to provide a plane bearing surface for the test plate and for proper arrangements for seating of the jack and dial gauges.

#### 9.03.0 VERTICAL LOAD TEST



##### 9.03.1 EQUIPMENT AND TEST SET UP

9.03.1.1 A steel plate of sufficient thickness not less than 50 mm shall be centred on the pile head to prevent it from crushing under applied load. The size of the plate shall not be less than the pile size or less than the area covered by the base of the hydraulic jack.

9.03.1.2 The datum bars shall be supported on immovable supports preferably of concrete pillars or steel sections placed sufficiently far away from the test pile. The distance shall not be less than 3 times the diameter of test pile and in no case less than 2 metres from the edge of test pile. These supports shall be placed at a sufficient depth below ground to be unaffected by ground movements.

##### 9.03.2 LOADING SYSTEM

9.03.2.1 The test load on the pile shall be applied in one of the following ways as approved by the Engineer-in-Charge.

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	
		DOCUMENT NO.	REV.	
		SHEET 8 of 18		

- a. By means of hydraulic jack(s) which obtain reaction from kentledge heavier than the required test load.

While using this method care shall be taken to ensure that the centre of gravity of kentledge heavier than the required test load. While using this method care shall be taken to ensure that the centre of gravity of kentledge is one the axis of the pile. The load applied by the jack(s) shall also be coaxial with the pile. The nearest edge of the crib supporting the kentledge stack shall not be closer than 1.5 metre to the edge of the test pile.

- b. By means of hydraulic jack(s) which obtained reaction from anchor piles or/and suitable loading frame. While using this method all anchor piles shall be at a centre to centre distance of at least three times the test pile shaft diameter from the test pile and in no case less than 2 metres. Care shall be exercised to ensure that the datum bar supports are not affected by heaving up of the soil.
- c. By means of hydraulic jack(s) which obtain reaction from suitable rock anchors. When this method is adopted, the anchor transferring the load to the ground shall not be closer than two times the test pile shaft diameter to the test pile and in no case less than 1.5 m.
- d. By means of combination of kentledge, anchor pile, rock anchors.

### 9.03.3 MEASURING SYSTEM

Settlement of the pile shall be recorded by four dial gauges placed at diametrically opposite locations and suspended from the datum bar around the pile.

### 9.03.4 TEST PROCEDURE



The test shall be carried out by the Direct Loading Method in successive increments for routine load test and by the Cyclic Loading Method for initial load test as detailed below and as directed by the Engineer-in-Charge

#### 9.03.4.1 DIRECT LOADING METHOD.

The test shall be carried out as per the procedure outlined below:

- a. The load shall be applied to the pile top in increments (steps) of about 20% of the rated capacity of the pile or as directed by Engineer. Each increment of load shall be applied as smoothly and expeditiously as possible. Settlement reading shall be taken before and immediately after the application of next increment and at 15, 30 minutes and thereafter at every half hour until application of the next load increment.





	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	
		DOCUMENT NO.	REV.	
		SHEET 9 of 18		

- b. Each stage of loading shall be maintained till the rate of movement of the pile top is not more than 0.2 mm/hr. or until two hours have elapsed whichever is earlier.
- c. The rate of movement of pile shall not be permitted to be extrapolated from period of test less than one hour.
- d. Loading on pile shall be continued till one of the following takes place :
  - i. In case of Initial load test, applied load reaches three times the assumed safe load or the settlement of pile exceeds a value of 10 per cent of bulb diameter in case of under-reamed pile.
  - ii. In case of Routine load test, applied load reaches one and half time the safe load or the maximum settlement of test loading in position attains 12 mm.
- e. Where yielding of the soil does not occur, the full test load shall be maintained on the pile head for a minimum period of 24 hrs. after the last increment of load and settlement shall be recorded at 6 hours interval during this period.
- f. Unloading shall be carried out in the same steps as loading. A minimum period of 30 minutes shall be allowed to elapse between two successive stages of load decrement. The final rebound shall be recorded 6 hours after the entire test load has been removed.

#### 9.03.4.2 CYCLIC LOADING TEST.

The test shall be carried out to find out separately skin friction and point bearing capacity of single pile. However, this test is not applicable for under reamed piles. The test procedure shall be as given below:

- a. In general this test shall be conducted on similar lines as mentioned in Direct Loading Method. In addition, alternate loading and unloading up to zero loads shall be done in steps at each stage of loading. The load increment/decrement for each steps shall be 20% of the rated capacity. The readings of all the dial gauges shall be recorded at the end of each step and the total and net settlement for each stage shall be calculated.
- b. For each stage, the loading of each steps shall be maintained for 15 minutes before reaching the maximum load. The maximum load for each stage shall be maintained for one hour. The full test load shall be maintained on the pile head for 24 hours

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	
		DOCUMENT NO.	REV.	
		SHEET 10 of 18		

- c. Each step of unloading shall be maintained for 15 minutes and the subsequent rebound in the pile shall be measured accurately.
- d. A period of 15 minutes shall be allowed to pass between the successive unloading and loading operations.
- e. To find out separately skin friction and point bearing capacity of pile the procedure as given in Appendix- A of IS: 2911(Part-4) shall be followed.

#### 9.03.5 ASSESSMENT OF SAFE LOAD

9.03.5.1 The safe vertical load on single pile from the load test shall be the least of following values:

- a. 2/3 of the load at which the total settlement attains a value of 12 mm unless otherwise specified in tender documents.
- b. 50% of the final load at which the total settlement equals 10 percent of the pile diameter in case of uniform diameter piles.



#### 9.04.0 HORIZONTAL LOAD TEST

##### 9.04.1 EQUIPMENT AND TEST SET UP

- a. The test plate shall be set in high strength grout to provide full bearing against the projected areas of the pile. The size of the test plate shall be adequate to accommodate the spherical bearing and transfer the load to the pile.
- b. Sufficient clearance shall be allowed between the test pile and the datum bar for the anticipated lateral movement of the pile when datum bar (for fixing the dial gauge) is located on the opposite side to the point of load application.

##### 9.04.2 LOADING SYSTEM

- a. Loading shall be applied by a hydraulic jack of adequate capacity equipped with spherical bearing at the top of ram and bearing plate at the bottom side, abutting the pile horizontally and reacting against a suitable system.
- b. The reaction may be provided by the wall of the excavated pit when the test is being conducted below ground level or by a neighboring pile, in which case thrust pieces shall be inserted on their end of the jack to make up the gap as approved by the Engineer-in-Charge.
- c. Load shall be applied on the pile at or approximately at cut of level (COL).

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV.	
		SHEET 11 of 18		

### 9.04.3 MEASURING SYSTEM

9.04.3.1 The deflection shall be measured at a point diametrically opposite to the point of load application. In case such a measurements is not possible, the deflection shall be recorded using at least 2 dial gauges kept at a spacing of 30 cm. at a suitable height and the displacement interpolated at load point from similar triangles.

9.04.3.2 Deflection of the pile at the level of load application shall be measured by dial gauge fixed to datum bar. The datum bar shall rest on immovable supports as described elsewhere in this specification.

### 9.04.4 TEST PROCEDURE

9.04.4.1 The test procedure shall be similar to that for vertical load test.

9.04.4.2 Loading on the pile shall be continued till one of the following takes place:

- a. In case of Initial load test applied load reaches thrice the assumed safe lateral load capacity or deflection of pile at the loading point exceeds.
- b. In case of Routine load test, applied load reaches one and half times the assumed safe load capacity or a deflection at the loading point exceeds 5 mm.

### 9.04.5 ASSESSMENT OF SAFE LOAD

9.04.5.1 The safe lateral load of single pile shall be the least of following:

- a. 50 % of the load for which the total deflection is 12 mm.
- b. Load corresponding to 5 mm total deflection.

However, for routine test (i) above is not applicable.



NOTE: The deflection of pile is at the cut off level of the pile.

### 9.05.0 PULL OUT TEST

#### 9.05.1 EQUIPMENTS AND TEST SET UP

- a. Uplift force may be applied by means of hydraulic jack(s) using a suitable pullout set up as approved by the Engineer- in- Charge.

### 9.05.2 LOADING SYSTEM

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	 IndianOil A Maharatna Company
		DOCUMENT NO.	REV.	
		SHEET 12 of 18		

- a. Load shall be applied along the longitudinal axis of the pile using an approved reaction system. Uplift forces on the pile may be applied directly to the test pile or through a lever system.
- b. The reaction may be provided by neighboring piles or blocks constructed for this purpose.
- c. The reaction supports/blocks/piles shall be at least 2.5 times the test pile diameter.

### 9.05.3 MEASURING SYSTEM

- a. Displacement of the pile shall be recorded using two dial gauges placed at diametrically opposite locations and suspended from the datum bar around the pile. Datum bar shall be provided with immovable supports as described elsewhere in this specification.

### 9.05.4 TEST PROCEDURE

9.05.4.1 The test procedure shall be similar to that for vertical load test.

9.05.4.2 The loading on pile shall be continued till one of the following takes place.

- a. The loading on pile top equals three times the estimated safe load.
- b. The load- displacement curves shows a clear break (downward trend).



### 9.05.5 ASSESSMENT OF SAFE LOAD

9.05.5.1 The safe load of the pile shall be the least of the followings :

- a. Two third of the load at which the total displacement is 12 mm.
- b. 50% of the load at which the load displacement curve shows a clear break (down work trend).



### 10.00.0 RECORDING OF DATA & PRESENTATION

10.01.0 The pile test data essentially concerns three variables, namely, load, displacement and time. These are to be recorded sequentially for the tests

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	
		DOCUMENT NO.	REV.	
		SHEET 13 of 18		

under consideration and shall be recorded in a suitable tabular form along with the information about the pile as per Annexure-A & B and Table-1.



- 10.02.0 The data may be suitably presented by curves drawn between the variables and safe loads shown on the graphs. Load displacement curve should be an essential part of presentation.

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	 <b>IndianOil</b> A Maharashtra Company
		DOCUMENT NO.	REV.	
		SHEET 14 of 18		

## ANNEXURE - A

### PILE DATA

1. Reference No.    Location(Co-ordinates) \_\_\_\_\_Area.
2. Sequence of Piling
3. Pile diameter & Type
4. Working Level (Platform level)
5. Cut off Level (COL)
6. Actual Length below COL
7. Pile Termination Level
8. Top of Finished Concrete Level
9. Date and Time of Start and Completion of Boring
10. Depth of Ground Water Table in the Vicinity
11. Type Of Soil at pile tip
12. Method of Boring Operation
13. Details of Drilling mud as used :
  - a. Freshly Supplied Mud, Liquid Limit, Sand Content, Density, Marsh Viscosity, Swelling Index, pH value.
  - b. Contaminated Mud Density, Sand Content
14. SPT (N) values in soil (from the nearest bore hole)  
UCS value in rock (from the nearest bore hole)
15. Chiseling, if any from..... M. To..... M.
16. Date and Time of Start and Completion of Concreting.
17. Method of placing concrete.

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	
		DOCUMENT NO.	REV.	
		SHEET 15 of 18		

18. Concrete Quantity:

Actual

Theoretical

19. Ref. Number of Test Cubes

20. Grade and Slump of concrete

21. Results of Test Cubes

22. Reinforcement Details:

Main reinforcement

Stirrups: Type

No.: \_\_\_\_\_

No.: \_\_\_\_\_



Dia. \_\_\_\_\_

Dia. \_\_\_\_\_

Depth \_\_\_\_\_

Spacing \_\_\_\_\_

23. Any other information regarding  
Obstructions, delay and other  
Interruption to the sequence of  
Work.

	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	
		DOCUMENT NO.	REV.	
		SHEET 16 of 18		

**TABLE – 1  
FREQUENCY OF SAMPLING AND TESTING**

Sl. No	Type of Material / Work	Nature of Test Characteristics	Method of Test	No. of Samples & Frequency of Test	Acceptance Criteria
1.	Pilebore size		Physical Measurement	Each Pile	Diameter as per drg. Length as established by initial load test
a.	Diameter				
b.	Length				
2.	Bentonte (Mud) properties				
a.	Basic properties of bentonite before use	Liquid Limit, Marsh viscosity, Specific gravity, Sand content, Swelling indeed, pH value	In Laboratory	Min. one sample consisting of 3 specimen once in a week	As per Clause No.7.03.4
b.	Contaminated mud from pile bore bottom before concreting	Density, Sand content	In Laboratory	In each pile for 1 <sup>st</sup> 10 piles before concreting. In case of satisfactory results, the frequency of sampling may be reduced to one in 25 piles	i. Density shall not be more than 1.25 Te/Cu.M. ii. Sand content shall not be more than 7%
3.	Position and Alignment	-	Physical or any approved method	Each Pile	As per specification
4.	Cleaning of Pilebore	As per Cl.No. 8.08.0	Each	Pilebore should be free from bored material	





 <b>पी डी आई एल</b> <b>PDIL</b>	<b>TECHNICAL SPECIFICATION FOR  LOAD TEST FOR  BORED CAST-IN-SITU CONCRETE  VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV.	
		SHEET 17 of 18		

**ANNEXURE - B**

**PILE LOAD TEST : VERTICAL / HORIZONTAL / UPLIFT**

PILE NO.	Date of Cast	Type of Equipment and method of boring
Type of Pile	Commencement of Test	Plan of Test arrangement showing position and distance of Kent ledge, Supports, tension or compression piles and reference frame to test pile, etc.
Diameter	Completion of Test	
Capacity	Capacity of Jack	
Type of Test Initial / routine	Jack Constant Weight of Kentledge	
Loading Method Direct / Cyclic	Reaction pile details	



	<b>TECHNICAL SPECIFICATION FOR LOAD TEST FOR BORED CAST-IN-SITU CONCRETE VERTICAL PILES</b>	PC00167-PVCV-TS-0202	0	 <b>IndianOil</b> A Maharatna Company
		DOCUMENT NO.	REV.	
		SHEET 18 of 18		

Date	Time	Pressure Gauge	Load MT	Dial Gauge Reading	Average Settlement	Net mm	Rebound



Submission of Test Results

- i) Time vs. Settlement.
- ii) Load vs. Settlement Indicating the Safe Load.

**ANNEXURE-V (SCHEDULE OF RATES/PRICE SCHEDULE)**



	<p align="center"><b>SCHEDULE OF RATES FOR TESTING OF PILES AT IOCL LPG IMPORT TERMINAL , KANDLA GUJARAT</b></p>			<p align="center">PC00167-9512-0940 <b>DOCUMENT NO.</b></p>	
SL.NO.	Description of Items	Unit	Quantity	Unit Rate (Rs.) (In Figure and Word)	Total Amount (Rs.) (In Figure and Word)
A-01	<b>Vertical load test</b>				
A-01.1	<p>Conducting of vertical pile load test on R.C.C. bored pile of 450mm/500mm diameter having 70 tonne safe capacity, in accordance with IS 2911 (Part IV) including installation of loading platform by Kentledge/Anchore piles method or Vertical pile load test by High Stain Dynamic pile testing as per ASTM , and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification &amp; the direction of Engineer in-charge. including data anaysis and submission of 4 copies report including carrying out excavation, chipping of piles up to sound concrete level,re-built of piles, including reinforcement,preparation of PCC around pile provision of hammer,steel helmet, plywood cushion ,guide frame for testing,hydra/crane, labours including mobilization to site etc. complete. This item also included clearing grass and uprooting of rank vegetation and removal of the rubbish up to required area or as direction given by Engineering In-charge</p>	PER TEST	2	<p>RS. (In Fugure)_____</p> <p>Rupees (In Words)</p>	<p>RS. (In Fugure)_____</p> <p>Rupees (In Words)</p>
A-02	<b>Lateral Load Test</b>				
A-02.1	<p>Conducting Lateral Load Test on concrete bored cast in situ piles of 450/500mm diameter having 70 tonne safe capacity of single pile in accordance with IS Code of practice IS : 2911 (Part IV) for determining safe allowable lateral load on pile including data analysis and submission of 4 copies of report including carrying out excavation, chipping of piles up to sound concrete level, gas cutting &amp; welding ( if required ) of girder, provision of datum bar, concreting for fixing datum bars, girder, packing materials, dial gauges, jack, pump, hose pipe and pressure gauge including mobilization to site etc. complete. This item also included clearing grass and uprooting of rank vegetation and removal of the rubbish up to required area or as per direction given by Engineering In-Charge.</p>	PER TEST	2	<p>RS. (In Fugure)_____</p> <p>Rupees (In Words)</p>	<p>RS. (In Fugure)_____</p> <p>Rupees (In Words)</p>

**ANNEXURE-V (SCHEDULE OF RATES/PRICE SCHEDULE)**

	<b>SCHEDULE OF RATES FOR TESTING OF PILES AT IOCL LPG IMPORT TERMINAL , KANDLA GUJARAT</b>			<b>PC00167-9512-0940</b>	
				<b>DOCUMENT NO.</b>	
<b>SL.NO.</b>	<b>Description of Items</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Rate (Rs.)</b>	<b>Total Amount (Rs.)</b>
	<b>Integrity Test</b>				
A-03	Conducting Integrity test on concrete bored cast in situ piles of 450/500mm diameter having 70 tonne safe capacity by using Low Strain/ Sonic Integrity Test/ Sonic Echo Test method in accordance with IS 14893 including surface preparation of pile top by removing soil, mud, dust & chipping lean concrete lumps etc. and use of computerised equipment and high skill trained personal for conducting the test & submission of 4 copies of report , all complete as per direction of Engineer-in-charge. This item also included clearing grass and uprooting of rank vegetation and removal of the rubbish up to required area or as per direction given by Engineering In-Charge.	PER TEST	<b>10</b>	RS. (In Figure)_____	RS. (In Figure)_____
				Rupees (In Words)	Rupees (In Words)
				_____	_____
	<b>NOTE:- GST EXTRA</b>				


Authorised Signatory With Official Seal & Date

## ANNEXURE-V (UNPRICED SCHEDULE )

	<b>SCHEDULE OF RATES (UNPRICED) FOR TESTING OF PILES AT IOCL LPG IMPORT TERMINAL , KANDLA GUJARAT</b>	PC00167-9512-0940			
		DOCUMENT NO.			
SL.NO.	Description of Items	Unit	Quantity	Unit Rate (Rs.) (In Figure and Word)	Total Amount (Rs.) (In Figure and Word)
A-01	<b>Vertical load test</b>				
A-01.1	Conducting of vertical pile load test on R.C.C. bored pile of 450mm/500mm diameter having 70 tonne safe capacity, in accordance with IS 2911 (Part IV) including installation of loading platform by Kentledge/Anchore piles method or Vertical pile load test by High Stain Dynamic pile testing as per ASTM , and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge. including data anaysis and submission of 4 copies report including carrying out excavation, chipping of piles up to sound concrete level,re-built of piles, including reinforcement,preparation of PCC around pile provision of hammer,steel helmet, plywood cushion ,guide frame for testing,hydra/crane, labours including mobilization to site etc. complete. This item also included clearing grass and uprooting of rank vegetation and removal of the rubbish up to required area or as direction given by Engineering In-charge	PER TEST	2	RS. (In Fugure) <b><u>"QUOTED IN PRICE BID"</u></b>  Rupees (In Words) <b><u>"QUOTED IN PRICE BID"</u></b>	RS. (In Fugure) <b><u>"QUOTED IN PRICE BID"</u></b>  Rupees (In Words) <b><u>"QUOTED IN PRICE BID"</u></b>
A-02	<b>Lateral Load Test</b>				
A-02.1	Conducting Lateral Load Test on concrete bored cast in situ piles of 450/500mm diameter having 70 tonne safe capacity of single pile in accordance with IS Code of practice IS : 2911 (Part IV) for determining safe allowable lateral load on pile including data analysis and submission of 4 copies of report including carrying out excavation, chipping of piles up to sound concrete level, gas cutting & welding ( if required ) of girder, provision of datum bar, concreting for fixing datum bars, girder, packing materials, dial gauges, jack, pump, hose pipe and pressure gauge including mobilization to site etc. complete. This item also included clearing grass and uprooting of rank vegetation and removal of the rubbish up to required area or as per direction given by Engineering In-Charge.	PER TEST	2	RS. (In Fugure) <b><u>"QUOTED IN PRICE BID"</u></b>  Rupees (In Words) <b><u>"QUOTED IN PRICE BID"</u></b>	RS. (In Fugure) <b><u>"QUOTED IN PRICE BID"</u></b>  Rupees (In Words) <b><u>"QUOTED IN PRICE BID"</u></b>

## ANNEXURE-V (UNPRICED SCHEDULE )

SL.NO.	Description of Items	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)
<b>Integrity Test</b>					
A-03	Conducting Integrity test on concrete bored cast in situ piles of 450/500mm diameter having 70 tonne safe capacity by using Low Strain/ Sonic Integrity Test/ Sonic Echo Test method in accordance with IS 14893 including surface preparation of pile top by removing soil, mud, dust & chipping lean concrete lumps etc. and use of computerised equipment and high skill trained personal for conducting the test & submission of 4 copies of report , all complete as per direction of Engineer-in-charge. This item also included clearing grass and uprooting of rank vegetation and removal of the rubbish up to required area or as per direction given by Engineering In-Charge.	PER TEST	10	RS. (In Figure) <b><u>"QUOTED IN PRICE BID"</u></b>  Rupees (In Words) <b><u>"QUOTED IN PRICE BID"</u></b>	RS. (In Figure) <b><u>"QUOTED IN PRICE BID"</u></b>  Rupees (In Words) <b><u>"QUOTED IN PRICE BID"</u></b>
<b>NOTE:- GST EXTRA</b>					
<b>Note: Price not to be quoted here</b>					


	<b>AGREED COMMERCIAL TERMS &amp; CONDITIONS (ACTC) ANNEXURE-VI</b>	PVMM/Service/18-19/E-04/101015/ANX-VI	0
		DOCUMENT NO	REV
		SHEET 1 OF 1	

This ACTC should be duly filled and to be **Submitted/uploaded, as applicable** alongwith unpriced offer:

SL. NO.	DESCRIPTION	BIDDER'S CONFIRMATION / ACCEPTANCE
1.0	BIDDER'S NAME & ADDRESS with Telephone & FAX no., Name of Contact Person, Email ID	
1.1	BIDDER'S OFFER NO. & DATE	
2.0	Confirm Submission of Earnest Money Deposit OR MSME/NSIC document as per <b>Clause 2.2 of Annexure-II of ITB.</b>	
3.0	Confirm submitted all the relevant documents as per requirement of <b>Annexure-I, in respect of PQC.</b>	
4.0	Confirm submitted <b>Price Confirmation Copy (Unpriced Schedule)</b> - A copy of Priced offer(Annexure-V), keeping price blank (hiding the price) and in place indicating "Quoted" or "√", as a confirmation of price quoted against the enquired item and all applicable Taxes & Duties along with un-priced techno commercial bid.	
4.1	Confirm submitted <b>Price</b> in PDIL's Price schedule (Annexure-V) for all items	
5.0	Confirm acceptance of <b>SCOPE OF WORK &amp; TECHNICAL ENQUIRY SPECIFICATIONS &amp; Terms &amp; Conditions</b> as per <b>Annexure-IV</b> , of ITB.	
6.0	Confirm acceptance of <b>Commercial Terms &amp; Conditions of ITB</b> as per <b>GCC (ANNEXURE-IIIB) and SCC (Annexure-IIIC).</b>	
7.0	CONFIRMATION OF FOLLOWING TERMS AND CONDITIONS:	=====
7.1	Confirm <b>PRICE BASIS</b> – The <b>QUOTED Prices</b> are based on <b>duly executed the services</b> as per ITB and shall be <b>FIRM and inclusive of all charges except GST.</b>	
7.2	<b>GST shall be Extra as Applicable</b> as per law. Indicate Present applicable rate in percentage (%)	Extra : SGST @ ___% + CGST @ ___% OR Extra : IGST @ ___%
7.2.1	PDIL shall avail <b>Input Credit</b> against payment of <b>GST</b> and The amount of input credit to PDIL will be considered while evaluating the price for which <b>necessary documents shall be provided by the bidder to enable PDIL to avail the credit, Please Confirm.</b>	
7.2.2	Indicate <b>GST REGISTRATION No. (Enclose copy of Certificate)</b>	
7.2.3	In Case GST is not applicable, <b>Confirm that you are not coming under the purview of GST Registration.</b>	
7.2.4	Indicate <b>HSN/SAC Code</b>	
7.3	Confirm acceptance of <b>PAYMENT TERMS</b> AS PER ITB.	
7.4	Indicate <b>PAN Card No. (Enclose copy)</b>	
7.4.1	In Case <b>submitted PAN card</b> is in Individual name, <b>Please Confirm that the person whose name is indicated on PAN card is "SOLE PROPRIETOR"</b> of the company and note that income from the subject contract shall be under the indicated PAN No.	
7.5	Confirm <b>PERFORMANCE SECURITY</b> AS PER ITB	
7.6	Confirm <b>COMPLETION PERIOD</b> AS PER ITB	
7.7	Confirm acceptance of <b>Price Reduction Clause</b> as per <b>clause no. 9.0 of SCC (Annexure-IIIB) of ITB.</b>	
7.8	Confirm acceptance of <b>VALIDITY</b> of Offer ( <b>90 Days</b> from technical Bid opening date)	
7.9	We hereby Confirm that we are neither put on holiday nor Black-Listed by any Government/PSU/Private Firm or Financial Institution and a self declaration on our letterhead ( <b>as per Annexure-VII</b> ) regarding the above has been submitted with unpriced bid.	
7.10	CONFIRM THAT The invitation to Bid together with all its attachments thereto shall be considered to be <b>read, understood and accepted by the Bidder while submitted their offer.</b>	
7.11	It is confirmed that <b>in case any of the TERMS &amp; CONDITIONS mentioned in this Summary are at variance</b> with those indicated anywhere else in our offer, <b>the conditions indicated in this summary shall prevail.</b>	

DATE :  
Seal

AUTHORISED SIGNATORY OF THE BIDDER with Official

	<b>DECLARATION BY BIDDER ANNEXURE – VII</b>	PVMM/Service/18-19/E-04/101015/ANX-VII	0
		DOCUMENT NO	REV
		SHEET 1 OF 1	

(To be submitted on Bidder's Letterhead as per below performa)

**DECLARATION**

To,  
Projects & Development India Ltd.,  
Vadodara-390023

Subject : ITB No. \_\_\_\_\_ Dt. \_\_\_\_\_

Sir,

We hereby declare that M/s \_\_\_\_\_ is neither put on holiday nor Black-Listed by any Government/PSU/Private Firm or Financial Institution.

Signature:

Name:

Designation:

Seal of the Bidder:



	<b>RTGS/NEFT FORMAT FOR E-PAYMENT ANNEXURE – VIII</b>	PVMM/Service/18-19/E-04/101015/ANX-VIII	0
		DOCUMENT NO	REV
		SHEET 1 OF 1	

Date:

To,

Projects & Development India Ltd.  
PDIL, Bhawan, Samta, Subhanpura,  
Vadodara-390 023.  
Gujarat.

Dear Sir,

With reference to your letter/E-mail, we hereby agree to accept the payment of our bills through RTGS/InternetThe bank account details are as given below:

1	Beneficiary Name	
2	Name of the Bank (to which payment should be sent )	
3	Branch name	
4	Address of the Branch	
5	STD Code No. and Telephone no. of Branch	
6	Branch Code	
7	9 digit code no. of Bank & Branch as appearing on the MICR cheque (copy of cancelled cheque must be enclosed.)	
8	Bank account number (As appearing on the cheque book)	
9	Account type (SB/CA/CC)	
10	Branch IFSC Code (Applicable only for RTGS payments)	
11	Copy of blank cancelled cheque or photocopy of a cheque for verifying the accuracy of the 9digit code number to be enclosed.	

A blank cancelled cheque leaf relating to the above bank account is enclosed for verifying the accuracy of the bank account details.

I hereby declare that the particulars given above are correct and complete.


(Signature of Account Holder)  
Seal of the Vendor

Encl : Cancelled Cheque No.

We hereby confirm that the above bank account details of beneficiary are correct in all respects and the account of Beneficiary (PDIL vendor) is maintained at our bank branch .

( Name of Bank & Branch )  
Authorized Signatory

Verification required only in case vendors name is not printed/appearing on the cancelled cheque leaf being submitted to PDIL office.

	<b>DETAILS OF CONTRACTOR / COMPANY</b> (for updating Award of Contract at CPP Portal (e-publishing)) <b>ANNEXURE – IX</b>	PVMM/Service/18-19/E-04/101015/ANX-IX	<b>0</b>
		DOCUMENT NO	REV
		SHEET 1 OF 1	

In Case of Order, the contractor shall provide the below information [for updating Award of Contract at CPP Portal \(e-publishing\)](#), without fail.

SI	PARTICULARS	BIDDER'S COMMENTS
1.0	CONTRACTOR'S/COMPANY NAME	
2.0	CONTACT PERSON	
3.0	CONTACT PERSON'S DATE OF BIRTH	
4.0	COMPANY'S REGISTRATION NO.	
5.0	COMPANY'S REGISTERED ADDRESS	
6.0	COMPANY'S ESTABLISHMENT YEAR	
7.0	COMPANY'S NATURE OF BUSINESS	
8.0	COMPANY'S LEGAL STATUS (TICK √ appropriate option)	<input type="checkbox"/> LIMITED
		<input type="checkbox"/> UNDERTAKING
		<input type="checkbox"/> JOINT VENTURE
		<input type="checkbox"/> PARTNERSHIP
		<input type="checkbox"/> OTHERS
9.0	COMPANY CATEGORY (TICK √ appropriate option)	<input type="checkbox"/> MICRO
		<input type="checkbox"/> SMALL
		<input type="checkbox"/> MEDIUM
		<input type="checkbox"/> ANCILLARY UNIT
		<input type="checkbox"/> PROJECT AFFECTED PERSON OF THIS COMPANY
		<input type="checkbox"/> SSI
		<input type="checkbox"/> OTHERS
10.0	With reference to GOI Gazette Notification No.503 dt.26.03.12, Please confirm whether you are MICRO & SMALL Enterprises (MSEs) registered under MSMED Act 2006 and submit documentary evidence in this respect.	
11.0	Further to Above, If you are MICRO & SMALL Enterprises (MSEs) registered under MSMED Act 2006 and OWNED BY SC/ST ENTREPRENEURS, please confirm and submit documentary evidence issued by government authority in this respect.	

DATE :

AUTHORISED SIGNATORY OF THE BIDDER with Official Seal