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 	CONSTRUCTION OF MINI LPG BOTTLING PLANT AT VADODARA (LSTK basis)	



## HINDUSTAN PETROLEUM CORPORATION LIMITED

(A Government of India Enterprise)

Central Procurement Organisation Mktg.

9 Floor, A wing, Marathon Futurex Building, N. M. Joshi Marg, Mumbai 400 013

### CONSTRUCTION OF MINI LPG BOTTLING PLANT AT VADODARA (Lump Sum Turnkey basis)

**e-Tender No. 5100012068      Dated 26.04.2024**

**Due On: 20.05.2024      at 15:00 Hrs**

*Contact us- IN VIEW OF PANDEMIC, HELPDESK IS NOW AVAILABLE WITH LIMITED RESOURCES FROM 1000 HRS TO 18 00 HRS ON MOB NO 8080429356 or 7666971998 or 9082727597 or 8291666749 or 9004219971. ALTERNATELY VENDOR MAY SEND MAIL ON [eprochelpdesk@mail.hpcl.co.in](mailto:eprochelpdesk@mail.hpcl.co.in)*







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Abbreviations used in this Tender

No.	Abbreviation	Meaning
1	PO	Purchase Order
2	CAMC	Comprehensive Annual Maintenance Contract
3	PQC	Pre-qualification Criteria
4	PAN	Permanent Account Number
5	EMD	Earnest Money Deposit
6	BG	Bank Guarantee
7	CPBG	Composite Performance Bank Guarantee
8	QAP	Quality Assurance Plan
9	SD	Security Deposit
10	MSE	Micro & Small Enterprises
11	DD	Demand Draft
12	GTC	General Terms and Conditions
13	SBI	State Bank Of India
14	PLR	Prime Lending Rate
15	GST	Goods & Services Tax
16	HSE	HEALTH, SAFETY AND ENVIRONMENT
17	MSV	Mounded Storage Vessels
18	SOQ	Schedule Of Quantities
19	SBI	State Bank Of India
20	PLR	Prime Lending Rate
21	GST	Goods & Services Tax
22	TPIA	Third Party Inspection Agency
23	BOQ	Bill of Quantity
24	KOM	Kick off Meeting

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## NIT (NOTICE INVITING TENDER)

### 1. INTRODUCTION

Hindustan Petroleum Corporation Limited (HPCL), a Government of India Enterprise, is involved in the business of Refining and Marketing of Petroleum Products. HPCL propose to set up a new LPG Bottling plant in Gujarat on LUMPSUM TURNKEY (LSTK) BASIS which includes construction of LPG sheds, mounded bullet, TT Gantry with associated Piping, Fire Fighting system, Boundary wall, Parking area and other allied facilities. This tender envisages construction of Mini LPG Bottling plant as per OISD 169 in the proposed LPG project site, address of which is mentioned below.

The tenderers are required to go through the tender document thoroughly and carefully and offer their most competitive rates for the job. ALL BIDDERS ARE ADVISED TO VISIT SITE AND UNDERSTAND THE SCOPE OF WORK BEFORE SUBMITTING THEIR OFFER.

Address of Location:

C36R+4FC, Plot NO : 48&49,  
GIDC Nandesari,  
Vadodara, Gujarat 391340



### CONTACT PERSONS AT HQO FOR TECHNICAL CLARIFICATIONS:

Mr. Ajai Kumar Gupta,  
GM - LPG Projects (022-22637029), [ajaig@hpcl.in](mailto:ajaig@hpcl.in)

Mr. Syed Amir,  
Manager - LPG Projects (8298701475), [syed.amir@hpcl.in](mailto:syed.amir@hpcl.in)

### 2. Pre Bid Meeting & Scope of Work:

Pre-bid meeting shall be held on 03.05.24, 1100 hrs. All bidder are requested to attend the same.

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## [Join Zoom Meeting](#)

### Scope of Work & Design Parameters:

#### 1. CIVIL WORK



Land Development, Boundary wall, Fencing. Construction of shed for LPG Cylinder Filling Shed, Filled Shed Connecting Fingers, Valve changing shed, DPT shed, LPG pump & Compressor Shed, Tank Lorry Decantation Gantry, Loading/Unloading shed, Fire water Pump house, Field Toilet, Bitumen Road, Concrete Driveway, Drain, Vapour Seals, Parking Area, Pathway, Inspection Platform. Refurbishment of water tanks, DG shed. Dismantling of existing facilities as marked in layout.

#### 2. FILLING EQP & CONVEYOR

Supply, Installation, Calibration, Testing & Commissioning of Chain Conveyors, Telescopic Chain Conveyors, Washing Unit, Electronic 12 Stations Carousel (with 12 operating Stations), Weight Correction Unit, Inline Check Scale, Valve Leak Detector, Valve Change Machine wo evacuation, 'O' Ring Leak Detector, Auto-Capping Machine, Test Bath, Hot Air Sealing System, Portable Hot Air Sealing System, Statistical Quality Control (SQC) Unit, Cylinder Evacuation Unit with compressor & vessel, Cylinder Purging Unit, CVT, CVT Verifier, Vapor Extraction System along with Chimney-Blower, dead weights, cylinder crushing unit, cold repair, closed loop de-gassing, check scale, Pneumatic testing, cold flaring unit, hydrotesting unit, high pressure air compressor, ultrasonic valve cleaning. Required calibration of equipment or facilities & stamping by statutory bodies are included in the scope of this item.

#### 3. MECHANICAL WORKS

Supply, Fabrication, Erection / Installation, Calibration, Testing & Commissioning with all tools, tackles, lubricant, consumable etc. complete of LPG Bullets, LPG Pump, LPG compressor, Air Compressor (Process & Safety separately) including Drier & Receiver, Fire Engines, Jockey Pump, Weigh Bridge, ETP, Bore Well, Safety Equipment. It includes Pipeline & Fittings for LPG, Fire Water (existing pipeline should be used as per Fire water piping), Service Water, Air (Process & Safety), Automatic Air Operated Medium Velocity Water Sprinkler System & Deluge Valves. It also includes ROV for all LPG Liquid Lines, Valves for LPG/ Water/ Air, EFCVs, TSV, SRV, Water Monitors, Double Hydrants, Operating Platforms, Pipeline Supports. Design of LPG Bullet, Water Sprinkler System, ETP is in the scope of this item. Required calibration of equipment or facilities & stamping by

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statutory bodies are included in the scope of this item. Supply of all materials is included in the scope.

#### 4. ELECTRICAL WORKS

TFMS & CP system.

#### 5. ASSCTD. FACILITIES

Carrying out Soil Investigation as per design requirement, design of Road, Driveway, Civil Foundations of all facilities & equipment, considering recommendations Soil Investigation Report, Area specific Wind & Earthquake zones. It includes obtaining all required Statutory Approvals / NOC. It also includes Fire Extinguisher, Hoses, Hose Box, Protective Clothing, Explosive Meter, Cross-Overs, Access Ways, etc. Required calibration of equipment or facilities is included in the scope of this item.

### 3. PRE-QUALIFICATION CRITERIA:



Bidders with sound technical and financial capabilities fulfilling the qualifying requirements stated herein may participate in this tender.

1) The following are the **Financial and Technical Pre-Qualification Criteria:**

#### a) Financial:

- i. The Average Annual Financial Turnover during the last three (3) years ending on 31.03.2023 shall be minimum as per following table. While computing the annual turnover, other income shall not be considered.

Sr. No.	Tender Description	Average Annual financial turnover during the last 3 years, ending on March 2023, should be at least (₹ Lakhs)
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- ii. Average turnover for the period of last 3 years shall be determined by summing up the annual turnover of each financial year and dividing the sum by three. In the event a bidder does not have turnover in any one or two of the years within the last 3 years, the turnover for that/ those years shall be taken as Nil and the average turnover will be calculated by considering the denominator as 3 years to determine the conformity to the turnover criteria.

**b) Technical:**

- i. Bidder should be a PESO (CCOE) India approved fabricator of Pressure vessels under SMPV (U) rules 2016 or any subsequent revision. Copy of valid PESO Approval should be enclosed along with the technical bid.
- ii. The Bidder should have experience of having successfully carried out and completed “Similar Work” \* during the last 7 (seven) years as given in **Table** below. For arriving at cost of similar work, the value of work executed shall be brought to current costing level by enhancing the actual value of work at simple rate of seven percent per annum, calculated from the date of completion to the date of bid opening, experience should be any of the following:

Sr. N/o.	Tender Description	I One (1) similar (*) completed works costing not less than the following amount (In ₹ lakhs)	OR	II Two (2) similar (*) completed works each costing not less than the following amount (In ₹ lakhs)	OR	III Three (3) similar (*) completed works each costing not less than the following amount (In ₹ lakhs)



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“Similar work mentioned in clause 1.b.ii. shall mean



“Construction & commissioning of LPG Bottling Plant (with bulk storage - above ground / MSV, minimum 30 MT & minimum 6 nos. electronic LPG filling machines) on turnkey basis in India. It includes civil, mechanical, electrical & other associated works.”

OR

“Fabrication, erection, testing & commissioning of at least one vessel for LPG bulk storage - above ground / MSV of min. capacity of 100 MT including civil / pipeline works in India.”

**Note:**

- A. Bidder shall furnish documentary evidence i.e. copies of work orders/ relevant pages of contract, completion certificate, annual reports containing audited balance sheets and profit & loss accounts statement, in the first instance itself, in support of their fulfilling the qualification criteria. HPCL reserve the right to complete the evaluation based on the details furnished without seeking any additional information.
- B. Bidders are required to meet both the above criteria viz., Financial 1(a) & Technical 1(b). Bids not meeting any of the above criteria shall be rejected.
- C. Only completed Work/Purchase orders will be considered.
- D. Submission of the Purchase Order / Work Order is mandatory and it should clearly mention the details of work executed/supplies made by the vendor so as to enable us to identify whether the vendor meets the technical criteria stipulated above or not.
- E. The Completion Certificate for completed works should be certified by the owner/client (for whom the work order has been executed) in support of meeting the technical criteria

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as stipulated above. If consultants are issuing certificates, then bidders shall provide documentary evidence of appointment of consultant by the Owner/client failing to which the offer shall be rejected. This clause shall be read in conjunction with Clause “G” below.

F. Successfully carried out & Completed Work referred in this PQC would be scrutinized as follows:

- a. Only successfully completed works shall be considered.
- b. Value of similar work executed during the last 7 years ending last day of month previous to the one in which applications are invited would only be considered.

G. Works of Maintenance and Works carried out under Sub-Contract without consent from Owner, will not be considered as Similar Completed Work.

H. For the purpose of PQC, the following shall be accepted:



- Similar Works carried out at a single location through multiple Purchase Orders but through a single bidding process/Tender.
- Similar Works carried out at multiple locations through a single purchase order.
- Similar Works carried out at multiple locations through multiple purchase orders but through a single bidding process/Tender.

2). Criteria for prior experience and prior turnover (PQC) shall be relaxed by 15% for Micro and Small Enterprises subject to meeting the prescribed quality and technical specification of the tendered items/ services. MSE certificate issued by authority mentioned in Public procurement policy of MSEs – 2012 to be submitted to by Micro and Small Enterprises.


3) Parties who are affiliates of one another can decide which Affiliate will make a bid. Only one

affiliate may submit a bid. Two or more affiliates are not permitted to make separate bids directly or indirectly. If 2 or more affiliates submit a bid, then any one or all of them are liable for disqualification.

“Affiliate” of a Party shall mean any company or legal entity which:

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- i) Controls either directly or indirectly a Party, or
  - ii) Which is controlled directly or indirectly by a Party; or
  - iii) Is directly or indirectly controlled by a company, legal entity or partnership which directly or indirectly controls a Party. "Control" means actual control or ownership of at least a 50% voting or other controlling interest that gives the power to direct, or cause of direction of the management and material business decisions of the controlled entity.
- 4) Bids may be submitted by:
- i) A single person/ entity (called sole bidder);
  - ii) A newly formed incorporated joint venture (JV) which has not completed 3 financial years from the date of commencement of business.
  - iii) Subsidiaries / Affiliates of Indian / foreign companies.
- 5) Fulfilment of Eligibility criteria and certain additional conditions in respect of each of the above types of bidders are stated below, respectively:
- i) The bidders (including an incorporated JV which has completed 3 financial years after date of commencement of business) shall fulfil each eligibility criteria on individual / combined basis.
  - ii) In case the bidder is a newly formed and incorporated joint venture and which has not completed three financial years from the date of commencement of business, then either the said JV shall fulfil each eligibility criteria or any one constituent member/ promoter of such a JV shall fulfil each eligibility criteria. If the bid is received with the proposal that one constituent member/ promoter fulfils each eligibility criteria, then this member/promoter shall be clearly identified and he/it shall assume all obligations under the contract and provide such comfort letter/guarantees as may be required by Owner. The guarantees shall cover inter alia the commitment of the member/ promoter to complete the entire work in all respects and in a timely fashion, being bound by all the obligations under the contract, an undertaking to provide all necessary technical and financial support to

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the JV to ensure completion of the contract when awarded, an undertaking not to withdraw from the JV till completion of the work, etc.



- iii) Subsidiaries / Affiliates of Indian or foreign companies which are registered in India and having manufacturing facilities or establishment towards providing services in India are allowed to participate in this tender, subject to meeting the local content provisions as per the **MII** clause enclosed with this tender. Such entities can participate either on the basis of their credentials (Technical & Financial) or on the basis of the credentials (Technical or Financial) of their parent/ affiliate company, as per the Qualification Criteria requirements applicable for this tender. However, the Indian subsidiary/ affiliate must meet at least one of the Qualification Criteria, either Technical or Financial.

In case the parent/ affiliate company is from a country which shares a land border with India, then the subsidiary/ affiliate company will be eligible to bid in this tender only if the parent/ affiliate company is registered with the Competent Authority constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).

**B) Information/Documents required along with the Bid Document:**

- i) Title, style and postal address of the firm.
- ii) Communication particulars including telephone numbers, fax numbers and e- mail address.
- iii) Following documents are required to be submitted as proof of meeting Bid Qualification Criteria (Financial) in the first instance itself. HPCL reserve the right to complete the evaluation based on the details furnished without seeking any additional information



Notarized copies of Audited Annual Reports/Balance sheet & Profit and Loss account for the last three financial years ending March'23.

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- iv) Following documents, duly notarized, are required to be submitted as proof of meeting bid qualification criteria (Technical) in the first instance itself. HPCL reserve the right to complete the evaluation based on the details furnished without seeking any additional information.
- a) Purchase Order or Work Order with relevant pages of contract
  - b) Certificate of Completion of Work order of relevant PO's (having cross reference to PO), clearly mentioning the scope of work and the final value along with name certified by owner/client for whom the purchase/work order had been executed.
- v) In case of composite works executed (other items/works outside the similar work requirement), to arrive at value of similar works mentioned in the tender, the required break up shall be given by the party with notarization. In absence of work breakup from bidder, HPCL shall arrive at the break up on their own and such calculation shall be final and binding on the bidder.
- vi) Bidder shall furnish documentary evidence (separately for each work order) in support of their fulfilling the qualifying requirements.
- vii) HPCL reserves the right to seek information/ original documents from bidders, in addition to details furnished in original bid, to complete the evaluation.

#### 4. EARNEST MONEY DEPOSIT (EMD):

The bidders shall submit along with the Techno Commercial Bid an Earnest Money Deposit as mentioned in below table for each Schedule, for participating in more schedules cumulative EMD amount will be applicable for participating in the tender for participating by crossed account payee Demand Draft / Non Revocable Bank Guarantee drawn on / from any Nationalized/Scheduled bank (other than co-operative bank). Format for EMD BG is attached with this tender. EMD should be submitted along with the Techno Commercial Bid.


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Location	EMD amt. in Rs.
Vadodara	35,90,000 /-

EMD can be submitted as follows: -

- i. EMD can be accepted either in the form of a Bank Guarantee or through e-payment. Nationalized / Scheduled Banks other than Co-operative Banks. The Bank Guarantee in lieu of EMD should have a validity of 180 days from the due date of this tender. If due date is extended, then that many number of days shall be added to the validity period.
  - ii. DDs, Cheques, Cash, Money Orders, Fixed deposit Receipts etc. towards EMD are not acceptable. Similarly, request for adjustment against any previously deposited EMD / Pending Dues / Bills / Security Deposits of other contracts etc. will not be accepted towards EMD. vi. Instructions to submit online payment E-payment facility in E-tendering portal
- a) Bids not accompanied by EMD or required documents for exemption from EMD shall not be considered at all.
  - b) EMD to be submitted before the due date and time of opening of the Techno Commercial bid of the tender for verification.
  - c) EMD should be submitted in physical form in a separate sealed envelope boldly superscribed on the outer cover with i) Tender No. ii) Description iii) Due date and time iv) Name of the Tenderer.
  - d) The EMD should be dropped in a separate envelope in [Tender Box for CPO-Marketing](#) or sent by Registered Post/Courier so as to reach on or before the due date and time of this tender at the following address:

EMD box no 6  
Aswini Kumar Kochara / Pankaj Sharma  
GM Category Management – CPO (M)  
Tender No.: 5100012068  
Hindustan Petroleum Corporation Limited.  
9<sup>th</sup> Floor, Marathon Futurex Building – A Wing,  
Mafatlal Mills Compound,  
N.M. Joshi Marg,

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Mumbai – 400 013

- e) HPCL will not be responsible for non–receipt of instrument(s) due to postal delay/loss in transit etc.
- f) In case the EMD (Original BG) is not received on or before the Tender Due Date and Time in Physical form, the bid shall be rejected.

A vendor who wishes to submit a bank guarantee (BG) towards EMD/Security Deposit (SD)/Composite Performance Bank Guarantee (CPBG)/Advances/ towards any other requirement of the tender, is required to ensure that



- a. The issuing bank is on SFMS platform
- b. SFMS Message type used is 760 COV and SMFS Delivery report/Message Copy is sent along with original BG
- c. SFMS Message from issuing Bank is sent to following:  Beneficiary's bank Name: ICICI Bank  ISFC Code: ICIC0000393.
- d. Field no 7037 of SFMS Message is updated with HPCL CPO UIC as HPCL508902133CP
- e. BG contains following details:
1. Beneficiary's bank Name: ICICI Bank
  2. ISFC Code: ICIC0000393.
  3. HPCL's Customer ID: 508902133
- f. The BG is forwarded with SFMS Delivery report

#### Exemption from EMD:

The following categories of tenderers are exempted from EMD:

- a. Central Public Sector Enterprises are exempted from payment of EMD. The proof that the tenderer is PSE must be uploaded failing which their offer is liable to be rejected.
- b. Vendors registered as Micro / Small Enterprises (MSEs) in Udyam Registration
- c. Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) formerly known as Department of Industrial Policy & Promotion will be exempted from payment of EMD.
- d. As advised in GTC (attached in this tender).

For this purpose, in the event of the tendering company being a Public Sector Enterprise, a declaration to that effect and in the case of Vendors registered as MSEs, a copy of the latest

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Udyam Registration Certificate (printed in the financial year of the due date of tender) should be obtained.

MSE bidder shall upload valid MSE Certificate (as on due date of the Tender) online and there is no need to drop the MSE Certificate in the tender box. However if bidder is claiming MSE status and the bid is submitted without uploading the MSE Certificate online in the appropriate place, the bid shall be rejected.

A copy of application for MSE / NSIC Registration will not be acceptable. Such offers will be treated as offers received without EMD and will be rejected.

#### Forfeiture of EMD:

The EMD is liable to be forfeited or parties who have opted for exemption from submitting the EMD, shall be barred for a period of at least one year from due date of this tender from taking part in any tender floated by HPCL in future, in the event of:



- a. Withdrawal/modification of offer during the validity period of 120 days from the due date/extended due date if any, of the tender.
- b. Any unilateral revision in the offer made by the tenderer during the validity of the offer.
- c. Non acceptance of Orders.

EMD will be refunded to all the unsuccessful tenderers after completion of commercial evaluation of the Tender. For successful tenderers, refund will be made only on payment of CPBG against PO. EMD shall not bear any interest and shall be refunded by e-payment in case same has been paid through Demand Draft/Payment Order. While claiming refund, the original Cash Receipt issued by HPCL must be surrendered.

#### 5. EVALUATION OF BIDS:

- i. Only those offers which qualify in techno- commercial evaluation will be taken up for overall evaluation of Price Bids.
- ii. Evaluation will be carried out on overall lowest delivered rate.



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Note:

For supply items: Bidders quote shall be considering all applicable taxes and duties including GST, TPIA Charges & any the other applicable taxes, levies, transportation, unloading charges etc.

For work items, Bidder quote shall be considering all applicable taxes and duties including GST & any other applicable charges.

## 6. DISTRIBUTION OF ORDER

The Order quantity be awarded to L1 vendor for 100% Quantity

## 7. Completion PERIOD/Delivery Period:


a) The Completion period for the job is 12 months from the date of LOA/standing order. Call ups will be given for billing purpose only and there is no relation of completion date and Call up date. Completion date will be taken as date of commissioning of plant i.e. date of start of LPG tank truck unloading after obtaining all approvals.

Time is the essence of this Contract. The period of completion given includes the time required for mobilization as well as testing, rectifications, if any, retesting, demobilization and completion in all respects to the satisfaction of the Engineer- in- Charge.

A joint program of execution of work will be prepared by the Engineer-in-Charge and Contractor. This program will take into account the time of completion period of the Contract.

Monthly execution program will be drawn up by the Engineer-in-Charge jointly with the Contractor based on availability of materials, work fronts and the joint program of execution as referred to above. The Contractor shall scrupulously adhere to the Targets / Program by deploying adequate personnel, Construction Equipment, Tools and Tackles and also by Timely Supply of required materials coming within his scope of supply as per Contract. In all matters concerning the extent of target set out in the monthly program and the degree of achievement, the decision of the Engineer-in-Charge will be final and binding upon the Contractor.

Contractor shall give every day category-wise labor and equipment deployment report along with the progress of work done on previous day in the proforma prescribed by the Engineer-in-Charge.

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**PAYMENT TERMS:**

**1. Payment Terms for Various Items**



- a. General: All payments will be made by HPCL in Indian Rupees only for materials supplied & provided by the contractor. All import of materials / equipment required as per the tender shall be carried out by the Contractor under their own Import License.
- b. Material to be brought in IE License of Party: HPCL will not issue any Import License to the contractor. Bidder to note that no Payment shall be released till the Design is approved by TPIA, CCOE/PESO & HPCL. All payments shall be released after basic Design is approved.
- c. Payment to the Contractors:
  - a. 75 % of eligible RA bill – Within 10 working days of submission of bill.
  - b. Balance 25 % - Within 28 working days of submission of bill by the contractor.
  - c. Definition of Eligible bill: Every bill so submitted will be considered an eligible running account bill only if the same is submitted after joint measurements / supply / inspection of Works / Goods / Services as applicable and submitted along with supporting documents as per the Contract/PO terms. Any bill which is not an eligible bill shall be rejected within the aforesaid 10 days.

<b><u>PAYMENT TERMS</u></b>						
Sr.No	Description	LEVE	LEVEL	LEVE	LEVE	
		L-1	-2	L-3	L-4	
		%	%	%	%	
<b>PART- A CIVIL WORKS</b>						
A.2	<b>SHEDS</b> 9% to be divided as per below pro rata basis	9%				
	<b>Sr. No</b>	<b>Facility</b>	<b>Brea</b>			
	1	Filling shed	35			
	2	Storage shed	12			
	3	Connecting Finger	2			
	4	Loading fingers	3			
	5	Unloading fingers	2			
	6	LPG TLD Gantry	10			
	7	LPG Pump house	4			



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	8	Valve changing shed	1				
	9	DPT Shed	8				
	10	Connecting Finger from Filling shed to valve changing shed	8				
	11	Connecting Finger from valve changing shed to DPT Shed	5				
	12	Loading Shed	4				
	13	Unloading Shed	4				
				<b>100</b>			
A.2.1	On Supply of Reinforcement Including QC Docs - on Pro rata basis				15.0 %		
A.2.2	On Supply of Structural steel Including QC Docs - on Pro rata basis				30.0 %		
A.2.3	On Completion of Plinth beam- on Pro rata basis				10.0 %		
A.2.3.1	On completion of Footing works					50%	
A.2.3.2	On completion of Plinth Beam					50%	
A.2.4	On Completion of Columns upto truss with tie beam and lintel beam				10.0 %		
A.2.5	On Completion of Steel Fabrication and Erection- on Pro rata basis				20.0 %		
A.2.5.1	On Completion of Fabrication (Including Surface Preparation and Primer)					50%	
A.2.5.2	On Completion of Erection (Including Final Painting )					50%	
A.2.6	On Completion of Sheeting- on Pro rata basis				5.0%		
A.2.7	On Completion of Flooring including Mastic- on Pro rata basis				10.0 %		
A.2.7.1	On Completion of RCC Flooring					60%	
A.2.7.2	On Completion of Mastic Flooring					40%	
A.3	<b>ROAD DRAIN PATHWAY VAPOUR TRAP</b>			7%			
A.3.1	On Completion of -GSB/SUB BASE on Pro rata basis				10.0 %		
A.3.2	On Completion of -WMM/WBM on Pro rata basis				30.0 %		
A.3.3	On Completion of Bitumen/RCC/Paver -on Pro rata basis				50.0		

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			%		
A.3.4	On Completion of Drains including Vapour trap- on Pro rata basis		10.0 %		
		<b>16%</b>			
<b>PART- B FILLING EQUIPMENTS &amp; CONVEYOR</b>					
B.1	<b>12pt. Carousel Filling sys, along with Check Scale, Weight Correction Unit, ELD &amp; OLD , PURGING UNIT</b>	10%			
B.1.1	On Supply of Material (Including QC Documents, IRN etc)on Pro rata basis		70.0 %		
B.1.1.1	12 point Carousel Filling System with Check Scale; with ROV above centre column			80%	
B.1.1.2	Weight Correction Unit (integrated)			5%	
B.1.1.3	ELD, OLD			10%	
B.1.1.4	PURGING UNIT			10%	
B.1.2	On Completion of Erection & Installation at Site on Pro rata basis		20.0 %		
B.1.3	After Successful Commissioning and acceptance of Performance test		10.0 %		
B.2	<b>Conveyor Systems, Vapour extraction, evacuation unit, 450 Kg Filling unit</b>	7%			
B.2.1	On Supply of Material (Including QC Documents, IRN etc) on Pro rata basis		70.0 %		
B.2.1.1	Chain Conveyor System (RM)			85%	
B.2.1.2	Telescopic Chain Conveyor Systems - 2nos			15%	
B.2.2	On Completion of Erection & Installation at Site on Pro rata basis		20.0 %		
B.2.3	After Successful Commissioning of above item and acceptance of Performance test		10.0 %		
B.3	<b>Other Filling Shed, Storage shed, Valve changing shed and DPT shed Equipment</b>	7%			
B.3.1	On Supply of Material (Including QC Documents, IRN etc) on Pro rata basis		70.0 %		
B.3.2	After Completion of Erection & Installation at Site on Pro rata basis		20.0 %		
B.3.3	After Successful Commissioning of above item and acceptance of performance		10.0 %		

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		24%			
<b>PART -C MECHANICAL</b>					
C.1	<b>STEEL PLATE- MSV</b>	5%			
C.1.1	On Receipt of Material (Including QC Documents, IRN etc)on Pro rata Basis		100.0 %		
C.2	<b>MECHANICAL WORKS- MSV on Pro rata basis</b>	9%			
C.2.1	On completion of preparation of fabrication drawing and approval of design from HPCL / TPIA and CCOE		5.0%		
C.2.2	On Receipt of Fabricated Vessels at site (With Dispatch Clearance From TPIA)		70.0 %		
C.2.3	Erection of MSV on Site		5.0%		
C.2.4	Hydrotesting		5.0%		
C.2.5	On completion of painting (protective coating)		5.0%		
C.2.6	All other NDT after Hydrotest including final Submission of all documents (COC , As Built drawing ,Etc., Test Certificates etc		5.0%		
C.2.7	On Commissioning of MSV		5.0%		
C.3	<b>CIVIL WORKS- MSV on Pro rata basis</b>	9%			
C.3.1	On Completion of Ground Improvement on Pro rata basis		5.0%		
C.3.2	On Supply of Reinforcement steel (Including QC Documents)- on Pro rata basis		20.0 %		
C.3.3	After completion of Raft of Retaining wall on Pro rata basis		25.0 %		
C.3.4	After completion of Retaining wall on Pro rata basis		11.0 %		
C.3.5	On Completion of Sand filling first phase on Pro rata basis		20.0 %		
C.3.6	On Completion of Sand filling on Pro rata basis		10.0 %		
C.3.7	On Completion of Pitching work on Pro rata basis		5.0%		
C.3.8	On Completion of Top Work on Pro rata basis		1.0%		
C.3.9	On Completion of Staircase, Handrails and Top drains on Pro rata basis		1.0%		
C.3.10	On Completion of Tunnel Work on Pro rata basis		2.0%		
C.4	<b>CP SYSTEM- MSV</b>	5%			
C.4.1	On Completion of Design & approval from HPCL / TPIA		10.0 %		
C.4.2	After completion of Supply of Material at Site on Pro rata		60.0		

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	basis		%		
C.4.3	On Completion of Installation of CP system on Pro rata basis		20.0 %		
C.4.4	After Commissioning and final acceptance		10.0 %		
C.5	<b>LPG PUMP, COMPRESSOR, AIR COMPRESSOR, FIRE ENGINES, JOCKEY PUMP, WEIGH BRIDGE, ETP, BOREWELL, FRAME METAL DETECTOR- on Pro rata basis</b>	10%			
C.5.1	On Supply of Material (Including QC Documents, IRN etc) on Pro rata basis		40.0 %		
C.5.1.1	LPG PUMPS			13%	
C.5.1.2	LPG COMPRESSORS			15%	
C.5.1.3	AIR COMPRESSORS			10%	
C.5.1.4	FIRE ENGINES			9%	
C.5.1.5	JOCKEY PUMP			5%	
C.5.1.6	WEIGH BRIDGE			15%	
C.5.1.7	ETP			10%	
C.5.1.8	BOREWELL			5%	
C.5.1.10	DOOR FRAME METAL DETECTOR			1%	
C.5.1.11	LOADNG/UNLOADING ARM			5%	
C.5.1.12	SERVICE WATER PUMP			2%	
C.5.2	On completion of Erection & Installation at Site on Pro rata basis		40.0 %		
C.5.3	After Successful Commissioning of below items on Pro rate basis		20.0 %		
C.6	<b>PIPE LINE &amp; FITTINGS</b>	10%			
C.6.1	After completion of Supply of Material at Site (Including QC Docs, IRN etc) on Pro rata basis		70.0 %		
C.6.1.1	LPG PIPE LINE			30%	

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C.6.1. 2	FIRE WATER LINE			40%	
C.6.1. 3	SERVICE WATER & AIR LINE			10%	
C.6.1. 4	FIRE FIGHTING SYSTEM (ROV, SPRINKLER SYSTEM, WATER MONITORS, DOUBLE HDRANTS, DELUGE VALVES,etc)			20%	
C.6.2	On Completion of Erection & Installation at Site on Pro rata basis		20.0 %		
C.6.1. 1	LPG PIPE LINE ON PO RATA BASIS			30%	
C.6.1. 2	FIRE WATER LINE			40%	
C.6.1. 3	SERVICE WATER & AIR LINE			10%	
C.6.1. 4	FIRE FIGHTING SYSTEM (ROV, SPRINKLER SYSTEM, WATER MONITORS, DOUBLE HDRANTS, KDELUGE VALVES,etc)			20%	
C.6.3	After Successful Commissioning of below items on Pro rata basis		10.0 %		
C.6.1. 1	LPG PIPE LINE			30%	
C.6.1. 2	FIRE WATER LINE			40%	
C.6.1. 3	SERVICE WATER & AIR LINE			10%	
C.6.1. 4	FIRE FIGHTING SYSTEM (ROV, SPRINKLER SYSTEM, WATER MONITORS, DOUBLE HDRANTS, KDELUGE VALVES,etc)			20%	
C.7	<b>FIRE WATER TANK on Pro rata basis</b>	1%			
C.7.1	After cleaning, testing as per OISD 129, repair and painting.		100.0 %		
		<b>49%</b>			
<b>PART- D TFMS</b>					
D.3	<b>TFMS SYSTEMS</b>	4%			
D.3.1	On Completion of Supply of Material (Including QC Docs, IRN etc) at Site on Pro rata basis		60.0 %		
D.3.2	On Completion of Erection/ Installation on Pro rata basis		30.0 %		
D.3.3	After Successful Commissioning of above item		10.0 %		
		<b>4%</b>			

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PART-E ASSOCIATED FACILITIES					
E.1	GOVT FEES- After obtaining final approval	2%			
E.2	SOIL INVESTIGATION, DESIGN FACILITIES	2%			
E.4	Crossover, accessways and Refurbishment of Fire water Pump house and DG shed	2%			
E.5	Fire Extinguisher, Hose box, Hoses, Water monitor, PPE, Explosive meter,etc	1%			
		7%			
	TOTAL	100 %			

**Note:**

1. Payment will be made on further pro-rata basis. Break-up for further pro-rata basis will be decided with successful bidder.
2. Bidder to note:
  - a. Any/all other items necessary for the successful completion/commissioning of the project (which is not specifically mentioned herein) need to be supplied, installed, tested & commissioned by the vendor at no additional cost to HPCL. No extra payment shall be payable for such jobs.
3. Bidder has to quote cost of all items in payment terms in SOQ item No. 1 & 2. Bidder to note that 16% approx. value is for Civil works and is to be quoted in SOQ line item 1. Remaining 86% approx. is to be quoted in SOQ line item 2.


**9. Security Deposit (SD), Performance Security and Retention Money:**

Successful parties will be required to furnish Security Deposit of 2% of PO Value within 15 days of LOA/Purchase Order, whichever is earlier. For this purpose, the date of publishing of e-PO on Vendor Self Service (VSS) portal shall be considered as the date of issue of PO. The Security Deposit is to be submitted to respective User.

The Security Deposit (SD) and / or Performance Security is to be submitted at following address:

Sr. No.	Name of Schedule	Address of Department



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1	Hazarwadi	Mr. Syed Amir, Manager - LPG Projects (8298701475), syed.amir@hpcl.in
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- Additionally, retention money shall be deducted @ 10% of the total value of the Running Account and Final Bill by HPCL on account of any damage/defect liability that may arise for the period covered under the defect liability period clause of the Contract, free of interest.
- Alternatively, Composite Performance Bank Guarantee (CPBG) for 10% of PO value will be accepted in lieu of Security Deposit and deduction of retention money; such CPBG shall be valid up to a period of *3 months beyond the expiry of defect liability period*.

## 10. CONTACT DETAILS

Contact Person for Technical Queries:

As provided above

Contact person for Commercial queries:



Mr. Aswini Kumar Kochara- GM-Category Management – CPO(M):

Phone – 022- 22101301, email - cpo.steel@hpcl.in

Mr. Pankaj Sharma – CPO(M): Phone – 022- 23030273, email – [pankajsharma@hpcl.in](mailto:pankajsharma@hpcl.in)

## 11. SITE LOCATION

Address of site location is as given above. The intending vendor should inspect the site at his own expense and make himself familiar with the site conditions. Non-familiarity of the site conditions will not be a reason either for extra claim or for not carrying out the work in conformity with the drawings and specifications.

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## 12. DELIVERY, PACKING & FORWARDING

Materials to be delivered at site on Door - Delivery basis at the address mentioned in the tender. All fragile and delicate components shall be packed separately, individually with proper marking. Item number shall be painted prominently on the unit for proper identification

## 13. TRANSIT RISK

The Vendor shall cover the Transit Risk Insurance for goods supplied against this tender and the quoted rates shall include the cost of Transit Insurance.

## 14. Details of IEMs appointed by the Buyer are as follows:

### Details of IEMs:

Shri Ashwani Kumar : ashwani.ashwani282@gmail.com  
Shri. Rajesh Ranjan : rajeshranjan2@gmail.com



**Address of IEMs:** C/o The Company Secretary, HPCL, 6thFloor, Petroleum House, 17, Jamshedji Tata Road, Churchgate, Mumbai 400020

## 15. CONFIDENTIALITY

The successful bidder is bound to perform the agreement / contract in utmost confidentiality and shall not copy documents / information of the Corporation and shall not divulge any secrets of knowledge of things or processes which Bidder comes to know or acquires during the performance of the contract. Any breach on this account shall render the contract liable to be terminated by HPCL. HPCL also reserves the right to initiate appropriate legal action against the Bidder for breach of any copyright or infringement of intellectual property of HPCL disclosed to Bidder during the performance of the contract.

Bidders are requested to carefully read the bid document, Specifications, Data Sheets, Instructions etc. as contained herein and submit their most competitive offer for HPCL's review and acceptance.

**\*In case of any discrepancy between description given in Schedule of Quantity and Item line**

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description, description given in Schedule of Quantity will be taken into consideration.

PRICE BID

To be filled on line in the e procurement site <http://eproc.hpcl.co.in>