



Bharat PetroResources Limited
(A wholly owned subsidiary of Bharat Petroleum Corporation Ltd)



Bharat PetroResources Limited
(A wholly owned subsidiary of Bharat Petroleum Corporation Limited,)

**ENGAGEMENT OF TECHNICAL CONSULTANCY FIRM FOR
PROVIDING DETAILED ENGINEERING DESIGN FOR
CONSTRUCTION OF PRODUCTION FACILITIES FOR WELLS
PASUNIA#01 (PA#01) & PASUNIA#02 (PA#02) IN BLOCK
CB-ONN-2010/8, CAMBAY BASIN, GUJARAT**

Tender No: 1000322265

e-Tender Id : 51949

Domestic Open Tender



PART - 1

INSTRUCTIONS TO BIDDERS

Dear Sir/Madam,

Subject: **ENGAGEMENT OF TECHNICAL CONSULTANCY FIRM FOR PROVIDING DETAILED ENGINEERING DESIGN FOR CONSTRUCTION OF PRODUCTION FACILITIES FOR WELLS PASUNIA#01 (PA#01) & PASUNIA#02 (PA#02) IN BLOCK CB-ONN-2010/8, CAMBAY BASIN, GUJARAT ONGC CTF NAWAGAM, GUJARAT.**

You are invited to submit your offer as E-bid in two-part (Bid Qualification cum techno-commercial and Price Bid) for the above work on the terms and conditions contained in this tender document.

1. This is a Domestic Open two part bid tender consisting of Techno-commercial bid (PART-A) and Price Bid (PART-B).
 - a. **Techno-commercial bid (Part A)**: consists of following:
 - i. Instructions to Bidders -Part 1
 - ii. General Instructions for e-Tendering -Part 2
 - iii. GCC & Holiday Listing Policy -Part 3
 - iv. Bid Qualification Criteria -Part 4
 - v. Scope of Work -Part 5
 - vi. Special Conditions of Contract -Part 6
 - vii. Standard Formats/Annexures -Part 7
 - viii. Integrity Pact -Part 8
 - b. **Price bid (Part B)**: Price bid shall have to be submitted **online** in the appropriate form provided for each Line Item. Price Bid of those bidders which qualify PART A would be opened.
2. The entire bid shall be online only.
3. Offers should strictly be in accordance with the tender terms & conditions and Scope of Work / specifications. Vendors are requested to carefully study all the documents/annexure and understand the conditions and specifications, before quoting the rates and submitting this tender. In case of doubt, written clarifications should be obtained, but this shall not be a justification for request for extension of due date for submission of bids.
4. Please visit the website **<https://bpclproc.in>** for participating in the tender and submitting



your bid online.

5. Bids submitted after the due date and time of closing of tender or not in the prescribed format is liable to be rejected. BPRL does not take any responsibility for any delay in submission of online bid due to connectivity problem or non-availability of site. No claims on this account shall be entertained.
6. It shall be understood that every endeavour has been made to avoid errors which can materially affect the basis of the tender and the successful vendor shall take upon himself and provide for risk of any error which may subsequently be discovered and shall make no subsequent claim on account thereof.
7. Price bid of only those vendors shall be opened whose techno-commercial terms are found to be acceptable to us. Price bid shall have to be submitted online in the appropriate form provided as per line Items.
8. It is advisable that bidders should review Part-6 (Special Conditions of Contract) before reviewing Part-3 (General Conditions of Contract).
9. **EARNEST MONEY DEPOSIT:** Vendors must submit an interest free EMD for participating in this tender as mentioned in the Special Conditions of Contract (Part-6) of the tender document.
10. **Pre-bid meeting will be held on 10.01.2019 @ 1200 HRS (IST) at below mentioned address:**

Bharat Petro Resources Ltd., 12th Floor,
Maker Towers-F Wing,
Cuffe Parade, Mumbai- 400005.

11. You may please send your pre-bid queries, if any, on or before **09.01.2019 @ 13:00** hrs (IST) through e-mail to rakesh.ujjawal@bharatpetroresources.in and ravikumar.b@bharatpetroresources.in, K/A: Mr. Rakesh Ujjawal / Mr. Ravi Kumar Bura.
12. Your pre-bid queries should be in **MS-Word** format as per the format given below with the email Subject "**Pre bid queries – Tender Title & Tender Ref No**":

S. No.	BPRL Tender Clause No.	BPRL Tender Clause Description	Query (if any)	Justification

13. Interested bidders, who are participating in the tender, are welcome to witness the
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techno-commercial opening of the bids at our office on bid opening date/time.

14. BPRL reserves the right to seek clarification / ask for additional documents from vendors, verify the originals and verify the credentials of the vendors with clients, if required.
15. For any clarification on e-tendering / training / uploading of document on e-procurement site, please contact our service provider M/s ETL on below numbers.

Contact Details: Tel Phone: +91-22-24176419, +91-79-68136861, +91-79-68136871, +91-120-2474951, +91-33-24293447, +91-44-26142669, E-mail: satyanarayan@abcprocure.com; support@bpclproc.in.

16. **FOR ANY QUERIES / CLARIFICATIONS ON TENDER TECHNICAL SPECIFICATIONS / COMMERCIAL POINTS AND OTHER TERMS AND CONDITIONS OF THE TENDER PLEASE CONTACT AS UNDER:**

Name	<u>RAKESH UJJAWAL</u>	<u>RAVI KUMAR BURA</u>
Contact No	+91-22-22175665, +919929095701	+91-22-22175672, +919892269446
Email Id	rakesh.ujjawal@bharatpetroresources.in	ravikumar.b@bharatpetrorresources.in
Office Address	12 th Floor, Maker Tower-F wing, Cuffe Parade, Mumbai-400 005 Board No : 022 -22175600 Fax No : 022-22154364	

17. **Only in case of any complaints regarding the Tender/ Tender Conditions , please contact following Independent External Monitors (IEM) :**

- Shri Shantanu Consul, Address: No-9 MCHS (IAS Officers Colony), 16th Main, 5th C Cross, BTM 2nd stage, Bangalore-560076, Mobile: 09740069318, Email: shantanu.consul@gmail.com .



- Shri Vikram Srivastava, Address: E -202, Second Floor, Greater Kailash Part -2, New Delhi-110048, Mobile : 09810642323, Email : vikramsrivastava1973@gmail.com.

Thanking you,

Yours faithfully,

For Bharat PetroResources Ltd.

Ravi Kumar Bura
Asst. Vice President (P&C)

End of Part 1

Part -2

General Instructions to vendors for e-tendering

1. Interested parties may download the tender from BPCL website (<http://www.bharatpetroleum.in>) or the CPP portal (<http://eprocure.gov.in>) or from the e-tendering website (<https://bpcleproc.in>) and participate in the tender as per the instructions given therein, on or before the due date of the tender. The tender available on the BPCL website and the CPP portal can be downloaded for reading purpose only. For participation in the tender, please fill up the tender online on the e-tender system available on <https://bpcleproc.in>.
2. For registration on the e-tender site <https://bpcleproc.in> , one can be guided by the "Instructions to Vendors" available under the download section of the homepage of the website. As the first step, bidder shall have to click the "Register" link and fill in the requisite information in the "Bidder Registration Form". Kindly remember your e-mail id (which will also act as the login ID) and the password entered therein. Once you complete this process correctly, you shall get a system generated mail. Thereafter, login in to the portal using your credentials. When you log in for the first time, system will ask you to add your Digital Signature. Once you have added the Digital Signature, please inform rakesh.ujjawal@bharatpetroresources.in for approval. Once approved, bidders can login in to the system as and when required.
3. As a pre-requisite for participation in the tender, vendors are required to obtain a valid Digital Certificate of Class IIB and above (having both signing and encryption certificates) as per Indian IT Act from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCIA), Controller of Certifying Authorities (CCA). The cost of obtaining the digital certificate shall be borne by the vendor.

In case any vendor so desires, he may contact our e-procurement service provider M/s. E-Procurement Technologies Ltd., Ahmedabad (Contact no. Tel: +91 79 40270573) for obtaining the digital signature certificate.

4. Corrigendum/amendment, if any, shall be notified on the site <https://bpcleproc.in>. In case any corrigendum/amendment is issued after the submission of the bid, then such vendors who have submitted their bids, shall be intimated about the corrigendum/amendment by a system-generated email. It shall be assumed that the information contained therein has been taken into account by the vendor. They have the choice of making changes in their bid before the due date and time.
5. Vendors are required to complete the entire process online on or before the due date/time of closing of the tender.
6. Directions for submitting online offers, electronically, against e-procurement tenders directly through internet:



- I. Vendors are advised to log on to the website (<https://bpclproc.in>) and arrange to register themselves at the earliest.
 - II. The system time (IST) that will be displayed on e-Procurement web page shall be the time considered for determining the expiry of due date and time of the tender and no other time shall be taken into cognizance.
 - III. Vendors are advised in their own interest to ensure that their bids are submitted in e-Procurement system well before the closing date and time of bid.
 - IV. If the vendor intends to change/revise the bid already submitted, they shall have to withdraw their bid already submitted, change / revise the bid and submit once again. However, if the vendor is not able to complete the submission of the changed/revise bid within due date & time, the system would consider it as no bid has been received from the vendor against the tender and consequently the vendor will be out of contention. The process of change / revise may do so any number of times till the due date and time of submission deadline. However, no bid can be modified after the deadline for submission of bids.
 - V. Once the entire process of submission of online bid is complete, they will get an auto mail from the system stating you have successfully submitted your bid in the following tender with tender details.
 - VI. Bids / Offers shall not be permitted in e-procurement system after the due date / time of tender. Hence, no bid can be submitted after the due date and time of submission has elapsed.
 - VII. No manual bids/offers along with electronic bids/offers shall be permitted.
7. For tenders whose estimated procurement value is more than Rs. 10 lakhs, vendors can see the rates quoted by all the participating bidders once the price bids are opened. For this purpose, vendors shall have to log in to the portal under their user ID and password, click on the “dash board” link against that tender and choose the “Results” tab.
8. No responsibility will be taken by BPRL and/or the e-procurement service provider for any delay due to connectivity and availability of website. They shall not have any liability to vendors for any interruption or delay in access to the site irrespective of the cause. It is advisable that vendors who are not well conversant with e-tendering procedures, start filling up the tenders much before the due date /time so that there is sufficient time available with him/her to acquaint with all the steps and seek help if they so require. Even for those who are conversant with this type of e-tendering, it is suggested to complete all the activities ahead of time. It should be noted that the individual bid becomes viewable only after the opening of the bid on/after the due date and time. Please be reassured that your bid will be viewable only to you and nobody else till the due date/ time of the tender opening. The non availability of viewing before due date and time is true for e-tendering service provider as well as BPRL officials.



9. BPRL and/or the e-procurement service provider shall not be responsible for any direct or indirect loss or damages and or consequential damages, arising out of the bidding process including but not limited to systems problems, inability to use the system, loss of electronic information etc.

In case of any clarification pertaining to e-procurement process, the vendor may contact the following agencies / personnel:

For system related issues:

Contact Details: Tel Phone: +91-22-24176419, +91-44-26142669, +91-33-24293447, +91-79-40270573 E-mail: satyanarayan@abcprocure.com; support@bpclproc.in

End of Part -2



Part-4

BID QUALIFICATION CRITERIA

A) Technical Criteria:

Bidder must have successfully completed works of value (incl. taxes) as noted below for designing of production facility including detailed engineering services for any producing oil/gas field, within the preceding 7 years reckoned from the date of bid closing date and should meet either of the following:

- i. One completed work costing not less than the amount equal to Rs. 89,18,000 /-
OR
- ii. Two completed works EACH costing not less than the amount equal to Rs.55,73,800/-
OR
- iii. Three completed works EACH costing not less than the amount equal to Rs.44,59,000/-

Consortium/Group companies/MOU tie up are not allowed to participate in this tender. However, bidder is allowed to participate in the tender by using the credentials of parent/holding/subsidiary/sister concerns. In case bidder submits the bid based on parent/holding/subsidiary/sister concerns credentials, such parent/holding/subsidiary/sister company has to provide guarantee on their letter head stating that they will support the bidder till the completion of the job in all respects.

Documents required:

In compliance of Technical criteria of BQC, Bidder has to compulsorily submit copy of Purchase Order / Contract/LOA along with scope of works and Tax invoice /Completion certificate (clearly indicating value of executed work) etc. to prove technical criteria duly certified/attested by Chartered Engineer and Notary Public with legible stamp.

B) Financial Criteria:

- i. The bidder should have achieved a minimum average annual financial turnover of Rs. 33.45 Lakh as per the Audited Financial Statements (including Balance Sheet and Profit and Loss Account), during the last available three consecutive accounting years.
- ii. The vendor's net worth should be positive for the audited balance sheet of the latest accounting financial year or latest calendar year as the case may be. The net worth is defined as Paid up Capital plus Free Reserves.

Documents required:

- 1) Latest available audited Balance Sheets & Profit & Loss account along with auditor's report of the bidder for the last three consecutive accounting years (English language only) ending Dec'17/Mar'18. However, if audited financial statement of the bidder is not yet ready for the year ending Dec' 17/Mar'18 bidder may submit latest available



audited Balance sheets, Profit & loss account along with auditor's report of immediate three preceding financial accounting years (Financial report not prior to Dec'14/Mar'15).

- 2) In addition to the above mentioned financial documents, bidder to submit a copy of certificate duly certified by a practicing Chartered Accountant showing /indicating year wise turnover and net worth figures of above financial documents.

Note: Any tie-up arrangement or MOU or bi-lateral agreement with third party will not be considered. Further, bidder may submit bid based on the financial credentials of Parent / holding company. In case of bidder submits the bid based on Parent / holding company financial credentials, parent / holding company has to provide guarantee on their letter head stating that they will support the bidder till the completion the job in all respects. Bidder has to justify the reason for not having its own financial credentials as per the tender conditions.

C) Other Criteria:

- 1) The Bidder should not be barred / holiday listed by BPRL/Ministry of Petroleum and Natural Gas, India (MoPNG) debaring them from carrying on business dealings with BPRL/MoPNG or serving a banning order by another Oil PSE.
- 2) The bidder should not be under liquidation, court receivership or similar proceedings. At a later date, if it is found that the bidder has submitted false declaration, the offer will be liable to be rejected.

Documents Required:

1. An undertaking in support of not being barred / holiday listed by any of the mentioned Organizations on their letter head.
 2. An undertaking in support of not under liquidation, court receivership or similar proceedings on their letter head.
- D) BPRL reserves the right to call for original documents/certificates from bidders for verification of genuineness of documents submitted as per the BQC/tender terms and conditions.

End of Part -4

Part-5

SCOPE OF WORK

1. INTRODUCTION:

Bharat PetroResources Limited ("BPRL") is the lead Operator of the onshore exploration block CB-ONN-2010/8, Cambay Basin, Gujarat, India. The Block CB-ONN-2010/8 lies in the Ahmedabad-Mehsana Tectonic block of the Cambay Basin and covers an area of 42 Sq. Km. BPRL has completed drilling of six exploratory wells in the block. Two discoveries were made in the block in wells Pasunia#01 (PA#01) & Pasunia#02 (PA#02). Based on the above discoveries, BPRL had conducted a Field Development conceptual study through an external agency. Declaration of Commerciality (DOC) based on the conceptual study was approved by the regulator Directorate General of Hydrocarbon (DGH).

After obtaining approval for DOC, a preliminary study for Field Development Plan was conducted through an external agency for preparation of Field Development Plan (FDP). The FDP was then submitted to DGH for approval. FDP was approved by DGH and now BPRL plans to develop the block along with its consortium partner Gas Authority of India Limited (GAIL) & Engineers India Limited (EIL).

Under the field development plan, existing two discovered wells PA#01 & PA#02 will be converted to production wells in the CB-ONN-2010-2010/8 Block. BPRL has plans to drill three new development wells subsequently. The block is to be developed in phased manner i.e. initially only well sites PA#01 & PA#02 would have production facility. These facilities would be made in such a manner that they may be upgraded in future, if required.

It is to be noted that the preliminary study for Field Development Plan has been carried out and is available with BPRL, which captures brief FDP strategy, various options for development, provision of Enhanced Oil Recovery (EOR), etc. The present Scope of Work (SOW) is to prepare a detailed engineering layout, design, prepare specifications of various civil, mechanical, electrical, instrumentation, fire & safety facilities along with detailed cost estimates based on the already available preliminary study for Field Development Plan, which would be shared with successful consultant after award of contract and also after signing the Confidentiality Certificate (CA). As the field is marginal in nature, the field development plan was developed keeping in mind minimum CAPEX requirement and with a discernment of early monetization of the asset.

As per approved FDP, minimum processing and crude storage facilities would be constructed at well site PA#01. The PA#02 well site will have a Quick Production Facility (QPF) for water separation, if required. Estimated production from each well is expected to be about 25-75 BPD which makes it a marginal field. It is planned to store produced oil in tanks at drill site itself. The oil stored at site will then be transported to nearby Oil and Natural Gas Corporation (ONGC) installation through tank lorries for further processing. Sub-commercial quantity of gas is envisaged to be produced during development, which will primarily be utilized for internal consumption, if found suitable; else will be flared. It is to be noted that the facilities are



envisaged to have optimum facility with minimum financial exposure considering the production output.

From the characteristic of crude, it is found that the crude is having wax content of 12.6%. BPRL has carried out detailed PVT analysis of the crude oil produced from PA#01 & PA#02 and this report will be shared with successful consultant after award of contract.

2. Site Details:

The well sites Pасunia#01 & Pасunia#02 fall in Gandhinagar & Ahmedabad districts of Gujarat. The area is well connected by all-weather roads. The block is located to the South-South East of Gandhinagar city. The Ahmedabad-Delhi National Highway No. 8 passes near Gandhinagar city. The National Highway No. 8 and 59 passes in the vicinity of the block. The nearest international and domestic airports are located at Ahmedabad situated in the proximity of the block. The towns Ahmedabad, Sabarmati, Gandhigram, Vatva and Nandol Dahegam lie in the vicinity of the block and are interconnected by railways.

The mentioned well sites are properly fenced and have minimum of 455 mm thick existing hardening (230 mm average thick rubble soling, 150 mm average thick quarry rubbish and 75 mm average thick WBM). Further there exists pits for storage of waste (solid or liquid) at well site. The site may require levelling and rolling before any future construction. A garland drain may be constructed around the periphery of well sites.

It is suggested that bidder should physically inspect the proposed drill sites i.e. PA#01 & PA#02 in order to familiarize themselves about the site conditions and facilities available.

3. Detailed Scope of Work:

As explained earlier that this field is a marginal field and BPRL plans to develop this field in phased manner keeping CAPEX to the minimum in order to make the project viable.

The Consultant(s) is/are expected to provide comprehensive design which includes but not limited to the following:

- Based on the production profile provided by BPRL, consultant has to conduct a comprehensive flow assurance study in an industry standard software before designing of facility. The flow assurance report is to be shared with BPRL for review and comments.
- Consultant would be required to submit complete P&ID diagram for both PA#01 & PA#02 well sites which should reflect all equipment's and also should meet requirements of DGMS, OISD, and any other statutory requirements. The P&ID diagram has to be submitted to BPRL for review. BPRL will provide its comments and accordingly the final P&ID will be prepared by the consultant.
- Consultant should prepare a report and suggest the necessary action to be taken to remove wax deposition by use of chemical injection like Corrosion inhibitor / Scale inhibitor, Demulsifier, Pour point depressant, etc. in order to have sustainable flow

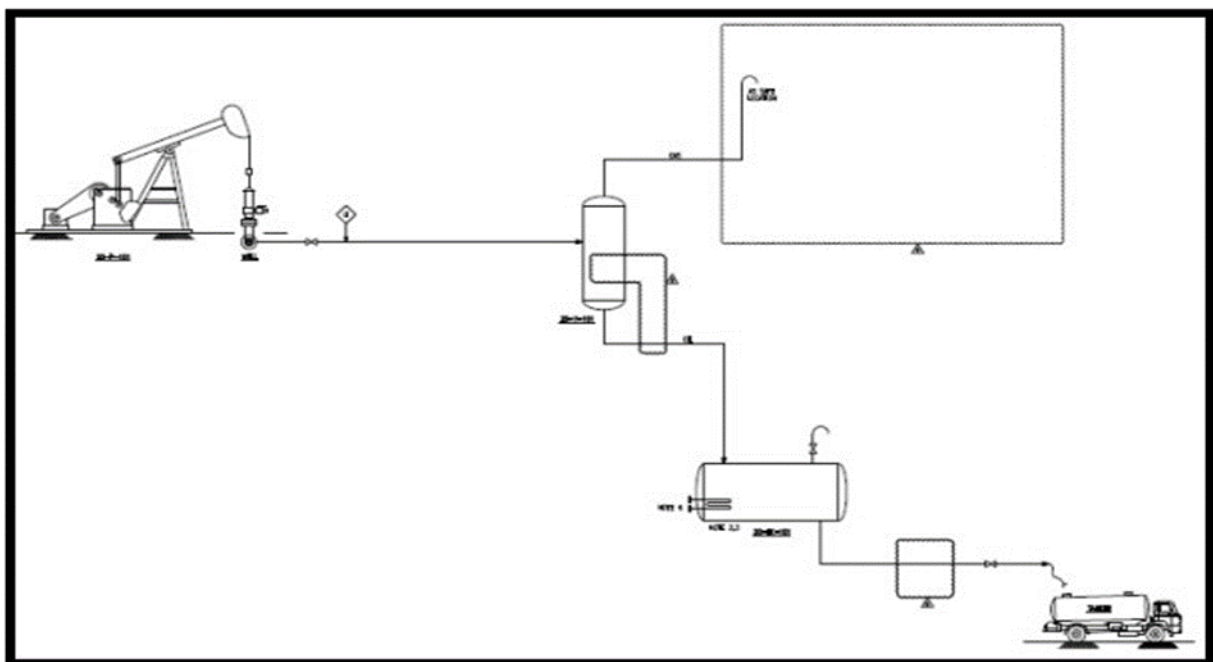
assurance. The detailed design of facilities should be incorporated considering these aspects.

- Consultant is expected to provide comprehensive design which should cover all aspects including but not limited to mechanical, electrical, civil, instrumentation, fire & safety, etc. It should have all drawings & layout of mechanical, electrical, civil components of the facility.
- Consultant shall prepare detailed engineering layout, specification of all the equipment's pertaining to mechanical, electrical, civil, instrumentation, fire & safety, etc. along with cost estimates.
- Prepare a detailed Scope of Work (SOW), Bill of Quantities (BOQ), Cost Estimates for floating of tender towards Fabrication, Supply, Erection, Installation, Testing & Commissioning of production facility at PA#01 & PA#02 well sites.
- Work programme & schedule for execution of project.

The scope of work and expectation from consultant on mechanical, electrical, civil, instrumentation, fire & safety are as under:

I. The Mechanical segment of design should have minimum of the following facilities:

- a) As per approved FDP, it is proposed to develop the well site PA#01 in a phased manner. It is proposed to have minimum processing & storage facility.



Tentative Schematic of Production Facility at PA#01 is shown above.

The tentative list of equipment's are as follows:

i. Two Phase Separator

Well fluid from well flows down to a vertical separator from SRP discharge. The separator is sized for oil and gas separation. If water is present in the crude it will be decanted from tank bottom.

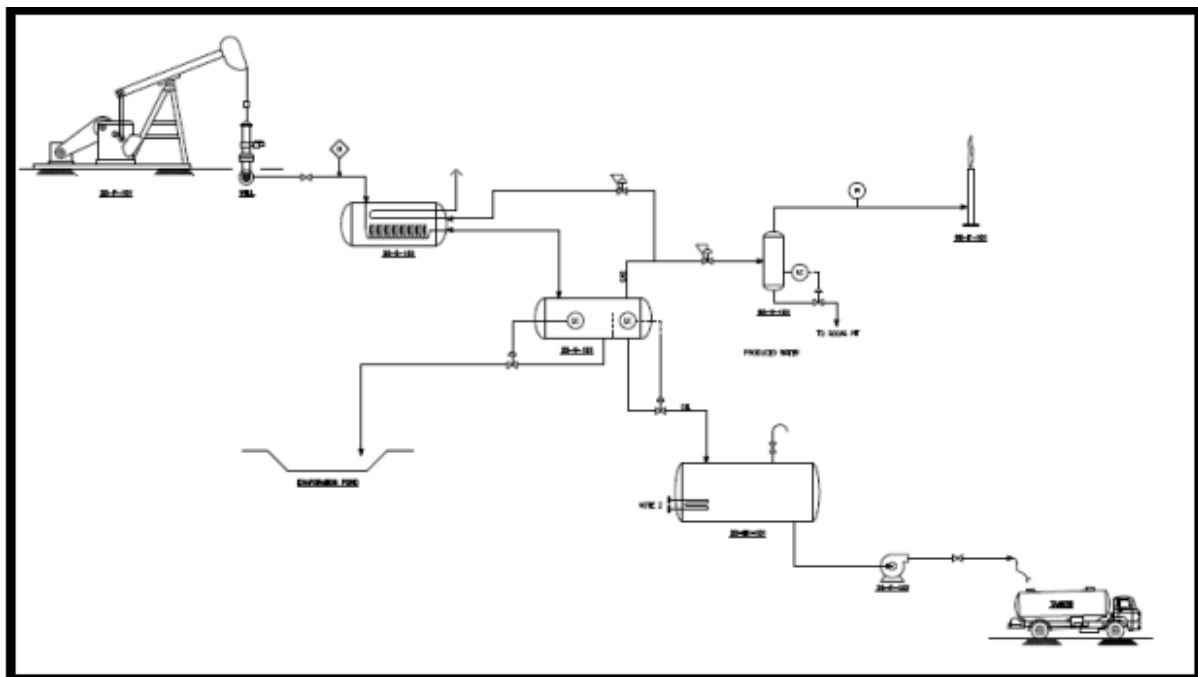
ii. Storage Facility

Crude from Sucker Rod Pump is stored in horizontal atmospheric storage tank venting to atmosphere through a flame arrestor. The tank capacity is 280 barrel (45 m³). Tanks are insulated and have heating coil installed. Vent height required shall be determined based on HC dispersion analysis. The coil can be connected to mobile heating unit when required. As the reservoir pressure is low, it is to ensure that the tanks are positioned to bare minimum height from the ground level so that the produced oil can be stored easily.

iii. Truck Loading Facility

Crude from storage tank is loaded to trucks using loading pumps on trucks, through flexible connection. Vapour formed during loading operation is vented to atmosphere at safe location using high point vent. It is observed that most of the tank lorries are connected with fighter pumps attached to it, which helps the tank lorry to suck the product from the tanks directly. Hence tank lorry loading facility may be constructed with bare minimum facilities.

b) As per approved FDP, it is proposed to develop the well site PA#02 as a Quick Production Facility.



Tentative Schematic of Production Facility at PA#02 is shown above.

The tentative list of equipment's are as follows:

- i. Crude Pre-heater
The produced crude from well head choke passes through crude pre-heater, where crude is heated to 60 to 70°C in order to achieve desired three phase separation in Separator. The Heater can either gas fired water bath heater or electric heater.
- ii. Separator
The separator is designed as 3-phase separator to separate the oil, water and gas from the well fluid. The separator operates at 2 to 4 bar and 60 to 70°C. The separator is installed with internals like weir, inlet distributor, baffles and demister pad to ensure proper separation of the fluids. The separated gas is routed to the flare system, the produced water is sent to the Produced Water Evaporation Pond and the separated oil is sent under level control to storage tank.
- iii. Storage Facility
Crude from Sucker Rod Pump is stored in horizontal atmospheric storage tank venting to atmosphere through a flame arrestor. The tank capacity is 280 barrel (45 m³). Tanks are insulated and have heating coil installed. Vent height required shall be determined based on HC dispersion analysis. The coil can be connected to mobile heating unit when required. As the reservoir pressure is low, it is to ensure that the tanks are positioned to bare minimum height from the ground level so that the produced oil can be stored easily.
- iv. Truck Loading Facility
Crude from storage tank is loaded to trucks using loading pumps on trucks, through flexible connection. Vapor formed during loading operation is vented to atmosphere at safe location using high point vent. It is observed that most of the tank lorries are connected with fighter pumps attached to it, which helps the tank lorry to suck the product from the tanks directly. Hence tank lorry loading facility may be constructed with bare minimum facilities.
- v. Flare System
Produced gas from separator is routed to flare system, consist of flare K.O.D. (Boot with manual draining arrangement), Flare K.O.D pump, and pilot gas arrangement and flare stack.

II. The Civil segment of design should have minimum of the following facilities:

- A comprehensive civil layout has to be prepared which meets all requirements of DGMS, OISD, and any other statutory requirements.
- The civil layout should also capture motorable roadways including approach road, walkways in the well-site. Appropriate width of the same to be designed by the consultant.

- The other jobs may include dyke walls for tanks, tanks supports, pipeline supports, RCC base for equipment's like Separator, Water Bath Heater, Storm Water Drainage, Ditches & drains, etc.
- We envisage the facility to have minimum two porta cabins-
 1. One section of the air-conditioned porta cabin for Officer and the other section for staff for office use. It should have proper toilet & bathing facility.
 2. The other porta cabin would consists of Rest Room for operator/work men, Store Room, electrical room, etc.

The porta cabin should be properly located to reduce effect of noise, other disturbances whatsoever keeping safety distance as per relevant norms.

- There exists a security hut, toilet block and material shed however if any changes required to the existing structure has to be suggested by the consultant.
- Design of Foundation of SRP
- Facility of Fire & Safety

III. The Electrical segment of design should have minimum of the following facilities:

- The consultant has to identify all the electrical loads for each wells site.
- Electrical design should include all components required to obtain power from the grid/power source. The consultant is expected to check the distances from the nearest HT/LT terminal. All equipment's for conversion of HT to LT in case required should be captured, including transformer, HT/LT cables, etc.
- The design should clearly specify all requirements including but not limited to:
 - Cabling
 - FLP Fittings
 - Complete earthing
 - Cable route and earthing layout.
 - Single Line Diagram of power schematic.
 - Illumination jobs: Peripheral lighting, Shed Lighting, Building Lighting.
 - All electrical equipment & Switchgears required for entire installation including termination of all Electrical cables, tool & tackles, equipment /gadgets required for proper Installation, Commissioning of Electrical Panel system.
 - All requirements for electrification of shed, porta cabins, etc.



- The consultant has to specify IS codes, IE rules, DGMS & OISD guidelines and standard practices which is to be followed during installation, erection & commissioning of production facility.
- IV. The Instrumentation segment related to Automation design should capture minimum tool & tackles, equipment /gadgets, etc. required for proper Installation, Commissioning of production facility.
- V. The fire & safety segment of design should have minimum of the following:
- Measures to be taken for the health and safety and any possible hazards from fire/explosion, injury of persons employed in petroleum operations in line with DGMS, PESO & OISD standards.
- VI. After completion of detailed design, the consultant should submit Scope of Work (SOW), Bill of Materials (BOM)/Bill of Quantities (BOQ), Cost estimate in accordance to the design prepared for the purpose of floating of tender towards Fabrication, Supply, Erection, Installation, Testing & Commissioning of production facility at PA#01 & PA#02 well sites. Consultant to prepare a detailed CAPEX requirement for the implementation of FDP pertaining to PA#01& PA#02 sites and the cost estimate is expected to have an accuracy range up to +/- 10%. Further, the consultant will provide the year wise phasing of cost estimate for the purpose of budget forecasting. Consultant may indicate what additional market analysis/ data would be required to progress the development. The same should be submitted to BPRL for its review and comments. The scope work should be complete in all respects.
- VII. The tender would be floated by BPRL on its e-portal. The consultant will assist BPRL during technical evaluation of tender including but not limited to evaluation of technical bid, framing of technical queries, recommendation letter for technical qualified bidder and award of job, etc.
- VIII. The consultant will supervise the delivery, construction & commissioning of facility and workmanship, etc. The consultant would be required to check the delivery against Bill of Quantities, check the specifications of materials supplied. The consultant has carry out inspection of the facility at regular intervals during installation, testing, commissioning and handing over.

4. Deliverables by Consultant including but not limited to:

- a. Flow Assurance report/output in hard copy
- b. P&ID diagram along with Equipment layout
- c. Detailed engineering design including all specifications pertaining to mechanical, electrical, civil, instrumentation, fire & safety, etc
- d. Complete Scope of Work (SOW) for floating tender towards Fabrication, Supply, Erection, Installation, Testing & Commissioning of production facility at PA#01 & PA#02 well sites.
- e. Bill of Quantities (BOQ)/ Bill of Materials (BOM) including cost estimate for floating tender towards Fabrication, Supply, Erection, Installation, Testing & Commissioning of production facility at PA#01 & PA#02 well sites.
- f. Commissioning report before handing over of facilities.
- g. Progress report on monthly basis
- h. Process and HSE Engineering:

The major activities considered in the Process Engineering are preparation of;

- i) *Design basis (common for all disciplines)*
 - ii) *Process simulation as applicable*
 - iii) *Piping Hydraulics*
 - iv) *PFD and Heat and Mass Balance calculations*
 - v) *P&IDs*
 - vi) *Equipment adequacy with all scenario*
 - vii) *Instrument adequacy*
 - viii) *Line list / Tie-in list*
 - ix) *Sizing calculations for lines, equipment, instruments*
 - x) *Datasheets for equipment, instruments*
 - xi) *Utility Summary*
 - xii) *Cause and effect diagram*
 - xiii) *Operation and Control philosophy*
 - xiv) *Operation and Maintenance Manual*
 - xv) *As-built*
- i. Mechanical Engineering:

The major activities considered in the Mechanical Engineering are preparation of;

- i) *Mechanical data sheets for all tagged items*
 - ii) *RFQ for package units*
 - iii) *Bid evaluation*
 - iv) *Vendor document review and incorporation of vendor data into design*

- j. Piping/Pipeline Engineering:

The major activities considered in the Piping Engineering are preparation of;

- i) *Plot plan / Equipment layout*

- ii) *Stress analysis*
- iii) *Piping GADs*
- iv) *Piping MTO (incl. Painting)*
- v) *RFQ / MR for Piping specialty items*
- vi) *Procurement assistance for above*
- vii) *Piping and valve material specification*
- viii) *Piping support details*
- ix) *Isometric drawings*
- x) *As-built*

k. Instrumentation Engineering:

The major activities considered in the Instrumentation Engineering are preparation of

- i) *Instrument Index and I/O list*
- ii) *Instrument Data Sheets*
- iii) *Instruments location / layout drawings*
- iv) *Calculations for control valves, safety valves, flow elements etc.*
- v) *Loop diagrams, Logic diagrams*
- vi) *Instrument hoop-up diagrams*
- vii) *Instrument cable routing*
- viii) *Cable schedule*
- ix) *Fire & Gas system design / Integration with existing system.*
- x) *Level sketches*
- xi) *JB schematics*
- xii) *Instrument MTO*
- xiii) *RFQ / MR for all instrument tagged items*
- xiv) *Procurement assistance for the above*
- xi) *As-built*

l. Electrical Engineering:

The major activities considered in the Electrical Engineering are preparation of

- i) *Prepare Electrical Load list*
- ii) *Prepare Single line Diagrams*
- iii) *Hazardous area classification*
- iv) *Cable routing plan*
- v) *Cable sizing / Cable schedule*
- vi) *Protection system. Lighting and Earthing details / drawings*
- vii) *Fire alarm / communication system drawings / details*
- viii) *Electrical MTO*
- ix) *RFQ / MR for all instrument tagged items including panel modifications*
- x) *Procurement assistance for the above*
- xi) *As-built*

m. Civil and Structural Engineering:

The major activities considered in the Civil Engineering are

- i) *Foundation / Piping location plan*
- ii) *Foundation design drawings*
- iii) *Structural design drawings*
- iv) *Cable trench layout*
- v) *Drainage calculations, details*
- vi) *Detailed scope of work for installation contractor*

5. The following data would be provided by BPRL with successful consultant after award of contract :

- a. Production Profile of well PA#01 & PA#02 wells
- b. PVT report of PA#01 & PA#02 crude oil
- c. Preliminary study for Field Development Plan
- d. Summary of approved FDP
- e. Layout of well sites PA#01 & PA#02

6. Team Members of Consultant:

- i. The team members of the Consultant(s) shall comprise of one (01) Project / Team Leader as Principal, having minimum 10 years of experience in relevant field having successfully completed technical studies / due diligence and at least (03) core team members as Associates, suitably experienced in the relevant fields.
- ii. Site supervisor having minimum 5 years of experience towards construction of production facility with adequate knowledge in working at Oil & Gas field. He should have knowledge in Health, fire and safety operation. He should mandatorily be an Engineering Graduate. The site supervisor is required to supervise the site activities as mentioned in the scope of work.

7. The Work Completion timeline to be followed by Consultant:

Sl. No.	Description	Timeline
i	Submission of Flow Assurance study reports	10 days from award of contract/LOI along with BPRL deliverables whichever is earlier
ii	Submission of draft P&ID diagram	10 days from providing report for flow assurance study by bidder.
iii	Submission of draft detailed engineering design, SOW, estimate, BOQ, etc. for the purpose of floating of tender	20 days after BPRL provide its input on P&ID diagram.



8. Bill Of Quantities:

Sl. No.	Description	Quantity	Unit
1.	<p>Conduct a detailed flow assurance study in a standard software and preparation, submission of Final Flow Assurance Report for well site PA#01 & PA#02 as mentioned in SOW.</p> <p>Submission of Final P&ID diagram, layout plan of well sites along with detailed engineering design including all specifications pertaining to all mechanical, electrical, civil, instrumentation, fire & safety, facilities etc for well site PA#01 & PA#02 as mentioned in SOW. It includes submission of Scope of Work (SOW), Bill of Quantities (BOQ)/ Bill of Materials (BOM), Cost estimates for floating of tender towards Fabrication, Supply, Erection, Installation, Testing & Commissioning of production facility at PA#01 & PA#02 well sites.</p> <p>All costs toward fooding, lodging and travelling for site visit of contractor's personnel shall be borne by contractor.</p>	1	LS
2.	<p>Assist BPRL during evaluation of tender including but not limited to evaluation of technical bid, framing of technical queries, recommendation letter for technical qualified bidder and award of job, etc.</p>	1	LS
3.	<p>Supervision of work during delivery, construction, erection, installation, testing & commissioning of facilities and workmanship, etc. at the drill sites of PA#01 & PA#02 wells as detailed in SOW.</p> <p>All costs toward fooding, lodging and travelling for site visit of contractor's personnel shall be borne by contractor.</p> <p>Contractor to decide the required manpower to supervise the above activities at site and accordingly quote their monthly rate.</p>	5	Month

End of Part -5



PART-6

Special Conditions of Contract

1. GENERAL

- 1.1. Contractor shall be responsible to carry out the Work / perform Services as per details contained in 'Part 5 - Scope of Work' of this Tender Document.
- 1.2. Contractor will perform the Services with reasonable skill and care as can be expected from an experienced contractor carrying out such services.
- 1.3. Contractor shall be responsible for timely provision of all required personnel, materials and equipment necessary for the Work / Services.
- 1.4. Wherever, it is mentioned in the Tender Document that Contractor shall perform certain work or provide certain services / facilities, it is understood that the Contractor shall do so at its own cost and the value of Contract shall be deemed to have included the cost of such performance and provisions so mentioned.

2. DEFINITIONS

Following terms and expressions shall have the meaning hereby assigned to them unless the context requires otherwise:

- 2.1. "Affiliate" shall mean any company which is a subsidiary or parent or holding company (at any tier) of a company or is the subsidiary (at any tier) of a company which is the parent or holding company (at any tier) of a company.
- 2.2. "Applicable Laws" shall include all Laws (National, State, Municipal, Local Government or others) and any requirement, bylaw, ordinance, rule, regulation, enactment, order or decree of any Governmental authority or agency (National, State, Municipal, Local or other) having jurisdiction over the Work/Services or Worksite or other locations where the Work/Services will be performed including, but not limited to, those laws related to Health, Safety and the Environment. "Applicable Laws" shall include all of the former laws which exist at the Effective Date as well as any new ones which may be enacted during the term of this Contract.
- 2.3. "Company" means Bharat PetroResources Limited (BPRL), a company incorporated under the laws of India.
- 2.4. "Contract" means the formal contract executed between the Company and the Contractor as a result of this tender. The instructions issued from time to time by Engineer – in - Charge or by his authorized representative and all documents

taken together shall be deemed to form the Contract and shall be complementary to one another.

- 2.5. "Contractor" means the legal entity to whom Contract is awarded by Company for provision of various services being sought by the Company under this tender.
- 2.6. "Contractor's Items" / "Contractor's Equipment" means the equipment, vehicles and materials which are to be provided by Contractor at the expense of Contractor in order to render the Services which are listed in the Section under 'Scope of Work'.
- 2.7. "Contractor Personnel" means the operators, drivers, helpers, office staff and other personnel who are deployed by the Contractor for providing the Services.
- 2.8. "Contractor's Representative(s)" means such person(s) who has been duly appointed by Contractor to act on Contractor's behalf at site and whose appointment has been duly notified in writing to Company.
- 2.9. "Facility" means and includes all property of Company, owned or hired, to be made available for Services under the Contract and as is described herein, which is or will be a part of Company property.
- 2.10. "Government" means Government of India or the government of the state where Services are being provided by Contractor, inclusive of any ministry, agency, authority or other entity controlled by them.
- 2.11. "Gross Negligence" shall mean such wanton and reckless conduct, carelessness or omission as constitutes in effect an utter disregard for harmful, avoidable and reasonably foreseeable consequences of an act involving an extremely high degree of risk by which act harm is intended or harm is the inevitable result of conscious disregard of the safety of others.
- 2.12. "LOA" means the Letter of Award of Contract issued by Company to the successful bidder against this tender.
- 2.13. "Month" means a complete calendar month of the Year.
- 2.14. "Schedule of Rates" / "SOR" means the 'Schedule of Rates' or 'Price Schedule' annexed to the 'Letter of Award of Contract' ("LOA") specifying the agreed prices payable to Contractor for its various Services.
- 2.15. "Services / Work" mean the services to be provided / work to be performed by the Contractor under the Contract as are more particularly described in the 'Scope of Work' of the Tender Document and shall include such other services as may from time to time be agreed to in writing between the Contractor and the Company.



- 2.16. "Third Party" means any party or entity other than Company and Contractor.
- 2.17. "Wilful Misconduct" shall mean an intentional, knowing-conscious or reckless act or omission, the pernicious results of which are detrimental to the interest of the other party and shall also mean to include a conscious wilful act or conscious wilful failure to act which is deliberately committed with the intent to cause harm or injury to persons or property.

3. SCOPE OF WORK

Contractor shall perform the Services as described herein and specified in the 'Scope of Work' (Part 5 of the Tender Document).

4. EFFECTIVE DATE AND CONTRACT DURATION

- 4.1. The date of issue of Letter of Award ("LOA") by Company shall be the 'Effective Date' of the Contract and as such all terms and conditions of the Contract shall come into effect from the date of issue of the LOA by Company.
- 4.2. The Contract shall be valid for a period of 18 months from the date of LOA. However the bidder has to complete the work/ service as per the timelines mentioned in the Scope of Work (Part-5 of the Tender Document). In case of non-completion of the services of Supervision of work during delivery, construction, erection, installation, testing & commissioning of facilities and workmanship, etc. at the drill sites of PA#01 & PA#02 wells as detailed in SOW., contract will be valid until the completion and acceptance of the same by BPRL.
- 4.3. BPRL shall have the option / right to terminate the Contract, at any time before the expiry date of the Contract in accordance with various provisions contained in the Contract.

5. FORCE MAJEURE

- 5.1. Upon occurrence of Force Majeure as mentioned in the GCC and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing within twenty-four (24) hours of the alleged beginning and ending thereof, giving full particulars and satisfactory evidence in support of its claim.
- 5.2. Should 'force majeure' conditions as stated above occur and should the same be notified within twenty-four (24) hours after its occurrence either party will have the right to terminate the Contract if such 'force majeure' condition continue beyond fifteen (15) days with prior written notice.
- 5.3. Rate Conflict

In any case where two or more rates could apply to a given situation, the Contractor accepts that Contractor shall be paid at the lowest applicable rate.

6. LIQUIDATED DAMAGES

- 6.1. In the event Contractor fails complete the job in accordance with tender terms and conditions, then Liquidated Damages @ 1 % of Contract Value (basic value i.e. excluding GST) for every week of delay or part thereof up to a maximum of 5% of Contract Value (basic value i.e. excluding GST) will be deducted from the Invoice(s) value.
- 6.2. The Parties agree that the figures of Liquidated Damages indicated herein above are genuine pre-estimate of the loss/damage which Company would have suffered on account of delay/ breach on the part of the Contractor and the said amount would be payable without any requirement of proof of the actual loss or damage caused by such delay/breach.
- 6.3. All sums payable by way of liquidated damages shall be considered as reasonable compensation without reference to the actual loss or damages, which shall have been sustained. In the event of any difference(s) between the Parties, the decision of Company shall be final and binding.
- 6.4. Provisional Liquidated Damages (based on contract value excluding GST) would be deducted at the time of delay in delivery/mobilization. However, in cases where the concluded contract value is different from the original contract value due to change orders/variation in executed quantities/extension of time etc., the concluded contract value shall be considered for recovery of Liquidated Damages for late delivery/delayed completion. GST shall be applicable on the LD amount deducted.

7. TERMINATION OF CONTRACT

- 7.1. **Termination for Convenience by Company:** Notwithstanding anything contained herein to the contrary, Company shall have the right to terminate the Contract at any time, even though Contractor has not defaulted hereunder and, in such an event, Company shall be under no obligation of any nature, except as provided hereunder, and Contractor shall not be entitled to any other compensation or remuneration of any nature, except for the Services rendered till such time the Contract is terminated and the due Demobilization Charges, if any.
- 7.2. **Termination due to default by Contractor:** Company shall have the right to terminate this Contract with immediate effect and forfeit the Performance Security Deposit submitted by the Contractor upon default of Contractor. Default shall be deemed to have occurred upon the occurrence of any of the following events:
- 7.3. If Company becomes dissatisfied with Contractor's conduct of Work hereunder, including, without limitation, slow progress, negligence, or insufficiently skilled Contractor Personnel and Contractor fails to commence to



remedy and cure the same within 3 (three) Days after receipt of written notice thereof by Company.

- 7.4. If Contractor becomes insolvent, or makes any transfer or assignment for the benefit of creditors, or files for voluntary bankruptcy or receivership proceedings are instituted against Contractor.
- 7.5. If Contractor commits a breach or default in any of its covenants or obligations under this Contract and fails to cure and remedy the breach or default within 3 (three) Days after receipt of written notice thereof by Company, unless another time interval is provided herein for the same.
- 7.6. If any Governmental agency fails or refuses to grant Contractor Personnel the required entry permits pertaining to the location where Work is to be performed and Contractor fails to remedy the same within ten (10) Days after receipt of written notice thereof by Company.
- 7.7. If any Governmental agency fails or refuses to approve performance of Work by Contractor and/or Contractor Personnel and Contractor fails to remedy the same within ten (10) Days after receipt of written notice thereof by Company.
- 7.8. If Contractor and/ or Contractor Personnel commit an illegal act which: (i) is a violation of this Contract; or (ii) jeopardizes Company's relationship with the Government or any community where Company may conduct its operations, as determined by Company.
- 7.9. Termination for any of the aforesaid reasons shall be effective immediately from the date of default by Contractor and its Security Deposit shall be forfeited. Termination under this clause shall be without prejudice to any claim, which Company may have against Contractor or Contractor may have against Company as a result of Work performed hereunder prior to such termination.
 - i. **Termination due to Force Majeure situation:** Either Party shall have the right to terminate the Contract on account of Force Majeure.
 - ii. **Termination on expiry of Contract:** This Contract shall automatically terminate on the expiry of 'Duration of Contract' on successful completion of Work and discharge of its contractual obligations by Contractor in accordance with the 'Scope of Work'.

8. GST CLAUSE

The Government of India is rolled out GST effective 01/07/2017; hence, price bid (s) has (ve) been prepared with tax column as GST. Hence bidders shall quote GST, HSN/SAC code and specify State from which invoice will be raised for each line item. To ascertain the CGST/SGST/IGST, Bidder is requested to clearly specify from where



(State) the invoice will be raised for this tender (work done). The bidder has to provide complete address along with same state in the GST updation template. Bidder also shall submit the copy of GST along with the filled GST template. Please note that CGST/SGST/IGST will be determined by based on filled template of the bidder.

8.1. New Statutory Levies

All new statutory levies levied on provision of Services to Company from the due date for opening of techno-commercial bids to the end of Contract Duration, if any, shall be payable extra by BPRL against documentary proof.

8.2. Variation in Taxes/Duties/Levies

Any increase/decrease in statutory levies viz. GST, from the due date for opening of techno-commercial bids to the end of Contract Duration, if any, will be to BPRL's account (If the work is performed within the timelines). Any upward variation in statutory levies after 'Duration of Contract' shall be to Contractor's account.

8.3. Central Government vide Notification 50/2018 dated 13/09/2018, has made TDS provision applicable under GST law on all payments affected by Public Sector Undertakings (PSU) w.e.f 01/10/2018. BPRL, being a PSU, these provisions will be applicable on or after 01/10/2018. TDS shall be deducted @2% of taxable value excluding GST.

9. PAYMENT & INVOICING

9.1. Contractor shall submit invoices to BPRL in respect of the Service rendered line item-wise to the Company after providing the services and verification, acceptance and certification by BPRL Engineer-in-Charge or his authorized representative.

9.2. The invoices complete in all respects will be processed and paid within 30 Days from the date of receipt by the Company. The Company shall not pay any interest for any delayed processing of bills.

9.3. The quantities mentioned in tender document/price bid form are indicative only. Owner reserves rights to execute in part or full or excess or not to execute based on the actual requirements. Payments shall be made on the actual executed quantities.

9.4. No claims whatsoever will be considered for increasing the charges during the period of agreement / extended period of Contract, if any.

9.5. Recovery of Income Tax applicable as per Income Tax Act shall be made from the bills.

10. LIABILITY

The aggregate total liability of the Contractor to Owner under the Contract shall not exceed the total Contract Price, except that this Clause shall not limit the liability of the Contractor for following:

- 10.1. In the event of breach of any Applicable Law;
- 10.2. In the event of fraud, wilful misconduct or illegal or unlawful acts, or gross negligence of the Contractor or any person acting on behalf of the Contractor;
or
- 10.3. In the event of acts or omissions of the Contractor which are contrary to the most elementary rules of diligence which a conscientious Contractor would have followed in similar circumstances; or
- 10.4. In the event of any claim or loss or damage arising out of infringement of Intellectual Property; or
- 10.5. For any damage to any third party, including death or injury of any third party caused by the Contractor or any person or firm acting on behalf of the Contractor in executing the Works. Neither Party shall be liable to the other Party for any kind of indirect/consequential loss or damage like, loss of use, loss of profit, loss of production or business interruption which is connected with any claim arising under the Contract.

11. CONSEQUENTIAL LOSS

The expression “Consequential Loss” shall mean indirect losses and/or loss of production, loss of product, loss of use and loss of revenue, profit or anticipated profit.

Notwithstanding any provisions to the contrary contained elsewhere in the Contract and except to the extent of any liquidated or other damages provided for in the Contract, the Company shall save, indemnify, defend and hold harmless the Contractor from Company’s own Consequential Loss and the Contractor shall save, indemnify, defend and hold harmless the Company from Contractor’s own Consequential Loss.

12. ASSIGNMENT AND SUB-CONTRACTING

Contractor shall assign neither the Contract nor any part of it nor any benefit or interest in or under it without the prior approval by Company, which shall not be unreasonably withheld or delayed. However such consent to assign or sub - contract shall not relieve Contractor of any liability or obligation under the Contract.

Company is entitled to assign the Contract or any part of it or any benefit arising there from or interest in or under it to any Co-Venturer or Affiliate of the Company. Company may make any such assignment to any other third party but only with the prior consent of Contractor, which shall not be unduly withheld or delayed.

13. ARBITRATION

All disputes or differences which may arise out of or in connection with or are incidental to the Agreement(s) including any dispute or difference regarding the interpretation of the terms and conditions of any clause thereof, which cannot be amicably resolved between the parties, may be referred to Arbitration. The Arbitration proceedings shall be governed by and conducted in accordance with the Arbitration and Conciliation Act, 1996 including any statutory modification or re-enactment therefore for the time being in force) by a tribunal of three (3) arbitrators, with one (1) arbitrator each to be appointed by the Contractor and the Company and third arbitrator (who shall be the presiding arbitrator) by the two (2) arbitrators so appointed. In case of failure of the two arbitrators to appoint the third arbitrator, the arbitrator shall be appointed as per provisions of Arbitration & Conciliation Act, 1996." The venue of arbitration shall be Mumbai, India.

14. GENERAL LEGAL PROVISIONS

- 14.1. **General Legal Provision:** Contractor shall not, without the prior written approval of the Company, assign or transfer the Contract or any rights or benefits thereunder to any other person/firm/company. The Contractor hereby consents to Company assigning and transferring its rights and obligations under this Contract to any of its Co-venturers or Affiliates.
- 14.2. **Governing Law:** This Contract is to be construed and governed in accordance with laws of India. The Parties hereto irrevocably submit to the exclusive jurisdiction of the courts at Mumbai.
- 14.3. **Language:** The ruling language of the Contract shall be the English language.
- 14.4. **Mitigation of Loss:** Both the Company and the Contractor shall take all reasonable steps to mitigate any loss resulting from any breach of Contract by the other party.
- 14.5. **Entire Contract:** This Contract constitutes the entire Agreement between the Parties hereto and supersedes all prior negotiations, representations or agreements either written or oral. No amendments to the Contract shall be effective unless issued in writing and agreed by both Parties.
- 14.6. **Headings:** The headings of the clauses of the Contract are for convenience only and shall not be used to interpret the provisions hereof.

15. NOTICES

- 15.1. All notices under this Contract shall be in writing and shall be served to the respective address set out below. Either Party may from time to time change its address and/or fax number for service herein by giving written notice to the other Party.



15.2. Notices to the Company shall be sent to the following address:

Company: M/s. Bharat PetroResources Limited

12th Floor, F Wing, Maker Towers,

Cuffe Parade, Mumbai – 400005

16. PRICE EVALUATION CRITERIA

Price Evaluation of bids shall be done on overall lowest quote basis with taking into account GST liabilities to BPRL.

17. If bidder quotes zero (0) against any of the items mentioned in the price bid form, the same will be considered as free of cost.

18. CURRENCY OF QUOTE

Bidders have to quote in INR only.

19. EARNEST MONEY DEPOSIT

Bidders must submit interest free **EMD** of Rs **1,00,000.00 (Rs One Lakh only)** vide a Demand Draft drawn on Indian Nationalized Bank in favour of M/s **Bharat PetroResources Limited** payable at **Mumbai**.

Physical Instruments (DD) have to be sent to below mentioned address before the due date and time mentioned in the tender.

Mr. Rakesh Ujjawal/ Mr. Ravi Kumar Bura

Bharat PetroResources Ltd., 9th Floor, Maker Towers-E Wing, Cuffe Parade, Mumbai 400005

EMD should be submitted in physical form in a sealed cover addressed to Mr. Rakesh Ujjawal / Mr. Ravi Kumar Bura, boldly super-scribed on the outer cover 1) Tender Number, 2) Tender Name, 3) Closing date / Time, 4) Name of the tenderer. BPRL will not be responsible for non-receipt of instrument(s) due to postal delay/loss in transit etc.

Cheques, cash, Money Orders, Bank Guarantee, 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. Bid (s) received without the EMD is liable to be rejected. DD copy should be uploaded in the Bid form.

EXEMPTION FROM EARNEST MONEY DEPOSIT:

Micro and Small Enterprises registered with District Industries Centers or Khadi and

Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises. Vendor has to upload the necessary documents as mentioned above to claim exemption for Earnest Money Deposit and copy of the document has to be sent to above mentioned address and dropped in the tender box on / before the due date and time mentioned in the tender.

EMD is liable to be forfeited in the event of: i) Vendors withdraw or alter their bid during the bid validity period ii) Non-acceptance of LOI/order, if and when placed. iii) Non-payment of Performance Security Deposit amount within the stipulated period of 15 days from date of LOI/Mobilization Notice whichever is later. iv) Submission of forgery documents etc. as per tender conditions. EMD will be returned to unsuccessful bidder after award of the contract. EMD of the successful bidder will be released after submission of Performance Security Deposit.

20. PERFORMANCE SECURITY DEPOSIT:

To ensure performance of the contract and due discharge of contractual obligations, the successful bidder will have to provide security deposit of 10% of the contract value.

This Security deposit has to be furnished in the form of an Account payee Demand Draft payable to BPRL or Bank Guarantee in the prescribed format within 15 days from date of issue of LOA/Contract, whichever is earlier. Any other form of Security deposit shall not be entertained/considered including deduction from running invoices.

The Bank guarantee, if submitted, shall remain valid till duration of the contract with a claim period of six months, thereafter. Bank Guarantee, if submitted, shall be from any Indian scheduled bank or an international bank of repute having a branch in India or a corresponding banking relationship with an Indian scheduled bank.

21. DEFECT LIABILITY PERIOD: Six months after completion of contract period.

22. BID VALIDITY

Tender submitted by tenderers shall remain valid for acceptance for a period of one hundred Twenty (120) days from the date of opening of the tender (Technical Bid in the case of two bid). The tenderer shall not be entitled during the said period of four months, without the consent in writing of the Owner, to revoke, or cancel his tender or vary the tender given or any term thereof.

In case of tenderer revoking or cancelling his tender, varying any terms in regard thereof without the consent of Owner in writing, appropriate penal action will be taken by BPRL as deemed fit including forfeiting EMD and putting the tenderer/contractor on 'Holiday listing'/ 'Delisting' barring the tenderer/contractor from participating in future tenders for an appropriate period from the date of



revocation/cancellation/varying the terms. Once the quotation is accepted the rates quoted shall be firm till the entire work is completed.

23. VENDOR MASTER DATA :

Bidders have to submit the company details like type of company, PAN, GST etc. as per the formats given in the tender along with the relevant documents.

24. CONFLICT OF INTEREST

- 24.1. The Contractor shall not receive any remuneration in connection with the assignment except as provided in the contract. The Contractor and its affiliates shall not engage in consulting or other activities that conflict with the interest of the owner under the contract. The contractor shall include provisions limiting future engagement of the consultant for other services resulting from or directly related to the firm's consulting services in according to the following requirements:-
- 24.2. The Contractor shall provide professional, objective and impartial advice and all times hold the owner's interest paramount, without considering any future work, and that in providing advice they avoid conflicts with other assignment and their own interest. There should not be any conflict of interest between the Contractor's consultancy activities and the other site activities. Neither Contractor (including their personnel and sub-consultants), nor any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm, which is hired or shall be hired for any assignment that, by its nature may be in conflict with another assignment of the Contractor.
- 25. The scope of work under this tender is non-divisible and Purchase preference Policy for MSEs will be applicable. In case L1 bidder is Non-MSE and if any MSE bidder falling within L1+15%, MSE bidder shall be given preference to match the L1 Price and if MSE bidder matches the L1 price entire order shall be placed on MSE bidder.
- 26. The scope of work under this tender is non-splitable/ non-dividable/non-divisible and Purchase preference Policy for MSEs and Purchase Preference linked with local content policy will be applicable accordingly.
- 27. In case of tender item is non-splitable OR non-dividable, the entire (100%) order will be placed on MSE bidder / PPLC qualified bidder as per the respective clauses.
- 28. Amendment to Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 vide Government of India Gazette Notification S.O. 5670(E) dated 09th November 2018 by Ministry of Micro, Small & Medium Enterprises, and Govt. of India shall be applicable.

29. Purchase preference Linked with Local Content Clause

MoP&NGhas notified the purchase preference (linked with local content) for the procurement of goods and services under Oil & Gas Projects in India. Under this Policy, the bidders are allowed to avail the purchase preference linked with attaining the stipulated Local content. Owner reserves the right to allow Manufacturers or Suppliers or Service providers, purchase preference as admissible under the prevailing policy, subject to their complying with the requirements / conditions defined herein and submitting documents required to support the same.

In order to avail the Purchase preference under this policy, bidder shall achieve minimum Local Content (LC) of 55 %. The Policy shall be implemented in the following manner:

- 29.1. In case the lowest (L1) bidder meets the stipulated LC criteria, the order shall be awarded to such bidder.
- 29.2. In case none of the bidders meets the stipulated LC criteria, the order shall be awarded to the lowest bidder.
- 29.3. In case the lowest bidder does not meet the stipulated LC criteria, the bidders shall be ranked in the ascending order of evaluated prices and next bidder meeting minimum stipulated LC and with his evaluated price within a price band of (+) 10% of lowest bidder's evaluated price, shall be given opportunity to supply 50% of the requirement by matching the lowest bidder's evaluated price. However, if 50% quantity works out to a fraction of quantity, the bidder shall be considered for next higher quantity. In case the quantity cannot be split, the order shall be placed with the entire quantity.
- 29.4. In case there are more than one bidder within the price band of (+) 10% of lowest bidder's evaluated price, they shall be ranked in ascending order of their evaluated prices. The opportunity of matching the price shall be accorded starting from the lowest bidder out of these bidders and in case of his refusal, to the next bidder, and so on.
- 29.5. In case none of the bidders who meet the stipulated LC criteria agree to match the lowest price, the natural lowest bidder will be awarded the job.
- 29.6. The option in case of MSE bidders qualifying under both Policies, namely, Purchase Preference under the Public Procurement Policy - 2012 (PPP- 2012) for MSE bidders and Purchase Preference Linked with Local Content (PP- LC 2017) shall be exercised as under
 - i. The MSE bidder can avail only one out of the two applicable purchase preference policies i.e. PP- LC 2017 or PPP- 2012 and therefore, bidder will be required to furnish the option under which he desires to avail purchase preference. This option must be declared within the offer and in case bidder

fails to do so although he is eligible for both the Policies, evaluation shall be done of bidder's offer considering PPP- 2012 as the default chosen option.

In case a MSE bidder opts for preference under PPP- 2012, he shall not be eligible to claim benefit under PP- LC 2017 (irrespective of the fact whether he furnishes the details of LC in his offer and this LC meets the stipulated LC criteria).

- ii. In case a MSE bidder opts for purchase preference based on PP- LC 2017, he shall not be entitled to claim benefit of purchase preference benefit as applicable for MSE bidders under PPP- 2012. However, the exemptions from furnishing Bidding Document fee and Bid security shall continue to be available to such a bidder.
- 29.7. In view of the above, the bidder's quoted prices against various items of enquiry shall remain valid even in case of splitting of quantities of the items, except in case of items where the quantity cannot be split since these are to be awarded in a Lot or as a package or Group.
- 29.8. While evaluating the bids, for price matching opportunities and distribution of quantities among bidders, the order of precedence shall be as under
- i. MSE bidder (PPP- 2012)
 - ii. PP- LC complied bidder (PP-LC)

Examples of Purchase Preference:

I. Non divisible item

- L1 bidder is non MSE, non PP-LC bidder
- L2 bidder is PP-LC (within 10%)
- L3 bidder is MSE bidder (within 15%)
- MSE bidder shall be given preference to match the L1 price, If L3 bidder matches the L1 price, order shall be placed on him, otherwise, option for matching the L1 price shall be given to L2 bidder (PP-LC).

II. Divisible item

- L1 bidder is non MSE, non PP- LC bidder
- L2 bidder is PP- LC (within 10%)
- L3 bidder is MSE bidder (within 15%)

- MSE bidder shall be given preference to match the L1 price, if bidder matches the L1 price, order shall be placed on him for the quantity specified in the bidding document.
- For the balance quantity (i.e. 50% of tendered quantity / value) option for matching the L1 price shall be given to L2 bidder (PP- LC). Balance quantity shall be awarded to natural lowest bidder.
- For further clarification, in case an item has quantity 4 nos. then 1 no can be given to MSE bidder, 2 nos. to PP-LC bidder and left out 01 no to natural L1 bidder.

Note:

The above two examples are not applicable to the Works Contracts since the Purchase Preference under PPP- 2012 is not applicable to works contracts.

- 29.9. In case lowest bidder is a MSE bidder, the entire work shall be awarded to him without resorting to purchase preference to bidders complying with Local Content.
- 29.10. In case lowest bidder is a PP- LC bidder, purchase preference shall be resorted to MSE bidder as per provisions specified in the enquiry document w.r.t. PPP- 2012 only.
- 29.11. **Certification of Local Content:** Manufacturers of goods and / or providers of service, seeking Purchase Preference under the policy, shall be obliged to certify the LC of goods, service or EPC contracts as under:

I. At Bidding Stage:

Bidder shall furnish the percentage of the local content, taking into account the factors and criteria listed out in the policy. These details shall be required only at aggregate level like supply value, transport value and other heads given in the price schedule.

The bidder claiming the PP- LC benefit shall be required to furnish an undertaking on bidder's letterhead confirming his meeting the Local Content and this undertaking shall be certified as under:

- i. Where the total quoted value is less than INR 5 Crore

The LC content shall be self-assessed and certified by the authorized signatory of the bidder, signing the bid

- ii. Where the total quoted value is INR 5 Crore or above:

- a. The Proprietor and an independent Chartered Accountant, not being an employee of the firm, in case of a proprietorship firm.
- b. Any one of the partners and an independent Chartered Accountant, not being an employee of the firm, in case of a partnership firm.
- c. Statutory auditors in case of a company, however, where statutory auditors are not mandatory as per laws of the country where bidder is registered, an independent chartered accountant, not being an Employee of the bidder's organization.

Note:

- Local Content (LC) of goods shall be computed on the basis of the cost of domestic components in goods, compared to the whole cost of product. The whole cost of product shall be constituted of the cost spent for the production of goods, covering: direct component (material) cost; direct manpower cost, factory overhead cost and shall exclude profit, company overhead cost and taxes for the delivery of goods.
- However, LC of service shall be calculated on the basis of the ratio of service cost of domestic component in service to the total cost of service. The total cost of service shall be constituted of the cost spent for rendering of service, covering;
 - a. cost of component (material) which is used;
 - b. manpower and consultant cost; cost of working equipment/facility;
 - c. general service cost excluding profit, company overhead cost, taxes and duties.

The onus of submission of appropriately certified documents lies with the bidder and the purchaser shall not have any liability to verify the contents and will not be responsible for the same.

However, in case the procuring company has any reason to doubt the authenticity of the Local Content, it reserves the right to obtain the complete back up calculations before award of work failing which the bid shall be rejected.

II. After award of Contract:

- i. Where the estimated value is less than INR 5 Crore:

The LC certificate shall be submitted along with each invoice duly self-certified by the authorized signatory of the bidder.

- ii. Estimated value is INR 5 Crore or above.

Supplier shall provide the necessary local-content documentation to the statutory auditor, who shall review and determine that local content requirements have been met, and issue a local content certificate to that effect on behalf of procuring company, stating the percentage of local content in the goods or service measured.

However, procuring company shall also have the authority to audit as well as witness production processes to certify the achievement of the requisite local content and / or to obtain the complete back up calculation before award of work failing which the bid shall be rejected and appropriate action may be initiated against the bidder.

29.12. Failure of bidder in complying local content post award:

In case a bidder, who has specified in his bid that the bid meets the minimum Local Content specified in the enquiry document, fails to achieve the same, the following actions shall be taken by the procuring company;

- i. Pre-determined penalty @ 10% of total contract value.
- ii. Banning business with the supplier / contractor for a period of one year

To ensure the recovery of above pre-determined penalty, payment against dispatch / shipping document shall be modified to the extent that the 10% payment out of this milestone payment shall be released after completion of this milestone as well as submission of certification towards achievement of Local Content, as per provision of enquiry document. Alternatively, this payment can be released against submission of additional bank guarantee valid till completion schedule plus 3 months or as required by purchasing company.

- 29.13. Purchase preference in case where negotiation is also required;** In case purchase preference is applicable, but negotiation is to be conducted with L1 bidder, negotiation shall be carried out, MSE and / or LC-complied bidder shall be offered to match the negotiated prices (even if, post negotiation, they are higher by more than 10% as compared to L1 bidder provided they were within 10% of L1 bidder as per original quoted prices) and left out quantity, if any, as per provisions of enquiry document shall be awarded to that bidder.

30. The General Conditions of Contract (GCC) will be binding for Consultancy jobs only to the extent of its applicability to the context of consultancy jobs.



31. Order of Precedence for works / Services Contracts:

- i. Contract Agreement
- ii. Detailed letter of Acceptance along with its enclosures
- iii. Letter of Award / Fax of Acceptance
- iv. Scope of work
- v. Drawings
- vi. Special Conditions of Contract (SCC)
- vii. Technical Specifications
- viii. Instructions to Bidders
- ix. General Conditions of Contract (in GCC)
- x. Other Documents
- xi. Additionally, any variation or amendment / change order issued after signing of formal contract shall take precedence over respective clauses of the formal contract and its Annexures.

32. Bidder to submit Authorisation Letter / Power of Attorney in case of Company / Partnership firm in favour of Digital Signature Holder and Bid Signee.

33. Bidder shall submit Declaration related to PP-LC Policy as per Annexure B, C and D as applicable of Part-7.

34. The draft agreement enclosed as per Annexure-E shall be executed with successful bidder instead of GCC Part-IX.

End of Part-6



PART - 7

ANNEXURE- A

**PROFORMA OF UNDERTAKING
(for Non – Holiday-listed/Banned/ Liquidation /Court Receivership)**

To,

Date:

Bharat PetroResources Ltd.
9th Floor, E Wing, Maker Tower,
Cuffe Parade, Mumbai-400005

Sub: Declaration for not being holiday-listed/banned /Liquidation /Court Receivership

We herewith declare that

- We are not barred / holiday listed by BPRL/Ministry of Petroleum and Natural Gas, India (MoPNG).
- We are not debarred from carrying on business dealings with BPRL/MoPNG or
- We are not serving a banning order by another Oil PSE.
- We are not under liquidation, court receivership or similar proceedings

For
(Sign and Stamp)



ANNEXURE- B

**UNDERTAKING BY BIDDER TOWARDS MANDATORY MINIMUM LC
(Applicable where the quoted value is less than Rs. 5 Crore)**

To,

Bharat PetroResources Limited,
12th Floor, Maker Tower-F wing,
Cuffe Parade, Mumbai - 400005.

TENDER NO : _____

TENDER TITLE: _____

Dear Sir

We, M/s _____ **(Name of Bidder)**
have submitted bid against aforesaid tender.

We hereby undertake regarding the mandatory minimum Local content requirement specified in tender document.

Declaration	Response by bidder (YES /NO)
We meet the Minimum Local Content Requirement as specified in Tender document.	

We further confirm that in case we fail to meet the minimum local content, BPRL may take action as per provisions of tender document.

[Signature of Authorized Signatory of Bidder]

Name:

Designation:

Seal:



**CERTIFICATE BY STATUTORY AUDITOR OF BIDDER TOWARDS
MANDATORY MINIMUM LC**

(Applicable where the quoted value is Rs. 5 Crores and above):

To,

Bharat PetroResources Limited,
12th Floor, Maker Tower-F wing,
Cuffe Parade, Mumbai - 400005.

TENDER NO : _____

TENDER TITLE: _____

Dear Sir

We _____ (*Name of the Statutory Auditor*) have verified
_____ (*Name of the bidder*) and certify that they _____ meet
the mandatory minimum LC % specified in tender document.

Name of Audit Firm:

Date:

[Signature of Authorized Signatory]

Name:

Designation:

Seal:

Membership no.



Annexure-D

UNDERTAKING FOR APPLICABILITY OF POLICY

To,

Bharat PetroResources Limited,
12th Floor, Maker Tower-F wing,
Cuffe Parade, Mumbai - 400005.

TENDER NO : _____

TENDER TITLE: _____

Dear Sir

We, M/s _____ (***Name of Bidder***) hereby confirm that following purchase preference to be considered for the subject tender:-

Description	Preference
Purchase Preference (linked with local content) PP-LC or	
Purchase Preference under Public Procurement Policy for MSE (PPP-2012)	

Note:

1. Please indicate your preference against only one policy.
2. The above preference shall be extended only after submission of requisite documents (as mentioned in the tender documents).
3. In case a bidder is eligible to seek benefit under PP-LC policy as well as PPP for MSE 2012, then the bidder should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy.
4. In case an MSEs bidder opts for purchase preference based on PP-LC, he shall not be entitled to claim purchase preference benefit available to MSE Bidders under PPP for MSE 2012. However, the exemptions from furnishing Bidding Document fee and EMD shall continue to be available to MSE Bidders
5. The option once exercised cannot be modified subsequently.

[Signature of Authorized Signatory of Bidder]

Name& Designation:

Seal:



FORM OF CONTRACT

THIS CONTRACT made at Mumbai this _____ day of _____; BETWEEN BHARAT PETRORESOURCES LTD., a Company Incorporated in India and having its Registered Office at Bharat Bhavan, 4 & 6, Currimbhoy Road, Ballard Estate, Mumbai 400001 and also having its Office at 9th Floor, "E" Wing, Maker Towers, Cuffe Parade, Mumbai-400005 (hereinafter referred to as the "OWNER" which expression shall include its successors and assigns) of the One Part; AND _____ carrying on business in sole proprietorship/carrying on business in partnership under the name and style of _____ a Company's Registered in _____ under the laws of _____ having its registered office at _____ (hereinafter referred to/as collectively referred to as the "CONTRACTOR" which expression shall include his/their/its executors, administrators, representatives and permitted assigns/successors and permitted assign) of the other part:

WHEREAS

The OWNER desires to have executed the work of _____ more specifically mentioned and described in the contract documents (hereinafter called the "Services" which expression shall include all amendments therein and/or modifications thereof) and has accepted the tender of the CONTRACTOR for the said Services.

NOW, THEREFORE. THIS CONTRACT WITNESSETH as follows:

ARTICLE - 1

CONTRACT DOCUMENTS

1.1 The following documents shall constitute the Contract Documents, namely:

- (a) This Agreement
- (b) 'Letter of Award' of Contract along with 'Schedule of Rates'
- (c) Tender Document and addenda issued thereon, if any
- (d) Performance Bank Guarantee (to be submitted after Letter of Award)

ARTICLE - 2

WORK TO BE PERFORMED

2.1 The CONTRACTOR shall perform the said Services upon the terms & conditions and within the time specified in the Contract Documents.

ARTICLE - 3

COMPENSATION

3.1 Subject to and upon the terms and conditions contained in the Contract Documents, the OWNER shall pay CONTRACTOR compensation as specified in the Contract Documents upon the satisfactory completion of the Services and/or otherwise as may be specified in the Contract Documents.

ARTICLE - 4
JURISDICTION

4.1 Notwithstanding any other court or courts having jurisdiction to decide the question(s) forming the subject matter of the reference if the same had been the subject matter of a suit, any and all actions and proceedings arising out of or relative to the Contract (including any arbitration in terms thereof) shall lie only in the court of competent civil jurisdiction in this behalf at Mumbai (where this Contract has been signed on behalf of the OWNER) and only the said Court(s) shall have jurisdiction to entertain and try any such action(s) and/or proceeding(s) to the exclusion of all other courts.

ARTICLE - 5
ENTIRE CONTRACT

5.1 The Contract Documents mentioned in Article - I hereof embody the entire Contract between the parties hereto, and the parties declare that in entering into this Contract they do not rely upon any previous representation, whether express or implied and whether written or oral, or any inducement, understanding or agreements of any kind not included within the Contract Documents and all prior negotiations, representations, contracts and/or agreements and understandings relative to the Services are hereby cancelled.

ARTICLE - 6
NOTICES

6.1 Subject to any provisions of the Contract Documents to the contrary, any notice, order or communication sought to be served by the CONTRACTOR on the OWNER with reference to the Contract shall be deemed to have been sufficiently served upon the OWNER (notwithstanding any enabling provisions under any law to the contrary) only if delivered by hand or by Registered Acknowledgment Due Post to the Engineer-in-Charge as defined in the General Conditions of Contract.

6.2 Without prejudice to any other mode of service provided for in the Contract Documents or otherwise available to the OWNER, any notice, order or other communication sought to be served by the OWNER on the CONTRACTOR with reference to the Contract, shall be deemed to have been sufficiently served if delivered by hand or through Registered Post Acknowledgement Due to the principal office of the CONTRACTOR at or to the CONTRACTOR's Representative as referred to in the Special Conditions of Contract forming part of the Contract Documents.

ARTICLE-7
WAIVER

7.1 No failure or delay by the OWNER in enforcing any right or remedy of the OWNER in terms of the Contract or any obligation or liability of the CONTRACTOR in terms thereof shall be deemed to be a waiver of such right, remedy, obligation or liability, as the case may be, by the OWNER and notwithstanding such failure or delay, the OWNER shall be entitled at any time to enforce such right, remedy, obligation or liability, as the case may be.



ARTICLE-8
NON-ASSIGNABILITY

The Contract and benefits and obligations thereof shall be strictly personal to the CONTRACTOR and shall not on any account be assignable or transferable by the CONTRACTOR.

IN WITNESS WHEREOF the parties hereto have executed this Contract in duplicate at the place, day and year first above written.

SIGNED AND DELIVERED

SIGNED AND DELIVERED

For and on behalf of
BHARAT PETRO RESOURCES LTD.

For and on behalf of
(CONTRACTOR)

By Mr./Ms.....
In the presence of:
(This day of _____ 2018)

by Mr./Ms.....
In the presence of:

1.
2.

1.
2

End of Part 7