

AARDVARK DEVELOPERS LLP
LLPIN: AAG-0438

Received on 19/05/2017
at 2:30 pm
Nupkamkar

Ref: ADLLP/BD/PNGRB/PHPL/003

May 9, 2017

To,
Shri. Md. Tanweer Akhter
Deputy Adviser,
Petroleum and Natural Gas Regulatory Board
1st Floor, World Trade Center,
Babar Lane, Connaught Place,
New Delhi-110001

Sub: Expression of Interest (EOI) to Lay, Build & Operate a common carrier Petroleum and Petroleum Products Pipeline from Paradip to Hyderabad.

Ref: Your letter no. Infra/PPL/45/ADLLP/PHPL/01/2017 dated 09.05.2017

Dear Sir,

Please refer to your letter no. Infra/PPL/45/ADLLP/PHPL/01/2017 dated 09.05.2017.
In this regard, a revised Schedule - A is enclosed.

Thanking you,
Yours faithfully,

Abhirup Bhattacharya
Authorised Signatory



Encl.- Schedule - A

Schedule A

[see regulations 4 (1) and 5 (6)]

Application form for submitting expression of interest by an entity desirous of laying, building, operating or expanding a petroleum and petroleum products pipeline.

- A. Only an entity which complies with the minimum eligibility criteria as per regulation 5 (6) of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010 is eligible to submit its application for submission of expression of interest to the Board.
- B. Entities must enclose documentary proof in support of its meeting the minimum eligibility criteria.

Statement of Minimum Eligibility Criteria as per Regulation 5(6)

Sr. No.	Sub Regulation Ref.	Criteria Condition	Submittals/Remarks
1	5(6)(a)	Application Fee	Application fee of Rs.10,000/- attached vide Demand Draft No.949126 dt. 07.03.2017 drawn on SBI
2	5(6)(b)	Technically capable of laying and building petroleum and petroleum product pipeline as per the following criteria	
	(i)	Entity has on its own, either departmentally or through contractors hired by it, in the past, laid and built either a hydrocarbon pipeline of a length not less than three hundred kilometers on a cumulative basis or a city or local natural gas distribution network;	NA
	(ii)	Entity has a joint venture with another entity (with at least eleven per cent. equity holding by that entity) which in the past has either laid and built a hydrocarbon pipeline of a length not less than three hundred kilometers on a cumulative basis or a city or local natural gas distribution network;	NA
	(iii)	lump sum turnkey or project management consultancy basis through one or more technically competent firms, which in the past have laid and built a hydrocarbon pipeline of a length not less than three hundred kilometers or a city or local natural gas distribution network and the entity shall also	We are in discussions with several EPC companies and we intend to outsource the execution of Petroleum products pipeline to competent EPC pipeline laying firms. The following companies could be associated with us in this

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		enclose a list of such firms along with aforesaid proof of their technical competence	<p>project and most of them had executed greater than 300 Kms of pipelines.</p> <ol style="list-style-type: none"> 1. Corrttech International Pvt. Ltd. 2. JaiHind Projects Ltd. 3. Vichitra construction Pvt. Ltd. <p>The supporting documents are attached herewith in Annexure-1.</p> <p>We also intend to explore other technically competent firms in case we are granted Authorization</p>
	(iv)	Entity has an adequate no. of technically qualified personnel with requisite experience	We have adequate number of technically qualified personnel with experience in construction and pre-commissioning of Hydrocarbon pipelines to independently undertake and execute the Petroleum and petroleum products pipeline project on a standalone basis. CV's of the technical personnel's employed by our Technical Member are enclosed as Annexure-2
3	5(6)(c)	Technical capability-Operating & Maintaining Petroleum and Petroleum Products Pipeline under any of-	
	(i)	entity on its own has an experience of at least one year in operations and maintenance of a petroleum and petroleum products pipeline of a length not less than three hundred kilometers on a cumulative basis	Not Applicable
	(ii)	entity has a joint venture with another entity (with at least eleven per cent. holding of that entity) which has an experience of at least one year in operations and maintenance of a petroleum and petroleum products pipeline	Not Applicable
	(iii)	entity intends to operate and maintain the proposed petroleum, petroleum products pipeline	Not Applicable

		through an appropriate firms' technical assistance agreement for a period of at least one year with another party having experience of at least one year in operations and maintenance of a petroleum and petroleum products pipeline; or	
	(iv)	entity has an adequate number of technically qualified personnel with experience in commissioning and operation and maintenance (O&M) of petroleum, petroleum products pipeline and also has a plan to independently undertake the O&M activities of a petroleum, petroleum products pipeline on a standalone basis;	We have adequate number of technically qualified personnel with experience in commissioning and operation and maintenance (O&M) of petroleum, petroleum products pipeline. CV's of the operation & maintenance personnel employed by our Technical Member are enclosed as Annexure-2
	5(6)(d)	the entity has adequate financial strength to execute the proposed petroleum, petroleum products pipeline project and operate and maintain the same and shall meet the following financial criterion to qualify for bidding for a single petroleum, petroleum products pipeline	Net worth of Mr. Niranjan Hiranandani (Designated Partner at AARDVARK Developers LLP; Lead Member) was 6881.56 crores as on 31st march 2016 which is over and above the requirements as per PNGRB regulations for qualification of this project. Certified Net worth is enclosed as Annexure-3
	5(6)(e)	Entity, if not a company registered under the Companies Act, 1956, shall convert itself into a company registered under the Companies Act, 1956	Aardvark Developers LLP (Lead Member) and H-Energy Private Limited (Technical Member) shall form a consortium at the time of bidding. In case the Consortium is authorized after the bidding process then the consortium shall form an entity which shall be registered under the Companies Act, 2013

Technical Eligibility (Construction) : As per the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Product Pipelines) Regulations 2010 under regulation 5(6)(b)(iv) we have adequate number of technically qualified personnel with experience in construction and pre-commissioning of hydrocarbon pipelines to independently undertake and execute the petroleum and petroleum products pipeline project on a standalone basis. CV's of the technical personals are enclosed as Annexure-2

13

Technical Eligibility (Operation and Maintenance): As per the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Product Pipelines) Regulations 2010 under regulation 5(6)(c)(iv) we have adequate number of technically qualified personnel with experience in commissioning, operation and maintenance (O&M) of petroleum products pipeline.

CV's of the technical personals are enclosed as Annexure-2

C. The entity submitting the expression of interest must submit the following information:

1	General Details	
A	Name of the Entity	Proposed Consortium of AARDVARK DEVELOPERS LLP (LEAD MEMBER) and H-ENERGY PRIVATE LIMITED (TECHNICAL MEMBER)
B	Type of firm – Public Limited Company / Private Limited Company / Partnership firm / Proprietorship firm / Others (please specify)	Lead Member: Partnership firm Technical Member: Private Limited Company
C	Date of incorporation and date of commencement of business	Lead Member: 23 rd March 2016 Technical Member: 2 nd November 2007
D	Address of the Registered office	Lead Member: AAG-0438 and Registered office at 514, Dalamal Towers, 211, FPJ Marg, Nariman Point, Mumbai -400021 Technical Member: 514, Dalamal Towers, 211, FPJ Marg, Nariman Point, Mumbai -400021
E	Name, addresses, telephone numbers, e-mails of all directors / partners / proprietor.	Lead Member 1. Mr. Niranjn Lakhmal Hiranandani Address: 2nd Floor ,Olympia , Central Avenue , Hiranandani Business Park, Powai Mumbai-76 Phone. No.:022- 25766705 Email ID- niranjan@hiranandani.net 2. Mrs. Asha Bhatia Address :1202B, Surya Apartments, 53 B Desai Road, Mumbai – 400026 Phone. No.:022- 25706455 Email ID- info@hiranandani.net



		<p>Technical Member:</p> <p>1. Mr. Niranjan Lakhmal Hiranandani Address: 2nd Floor ,Olympia , Central Avenue , Hiranandani Business Park, Powai Mumbai-76 Phone. No.:022- 25766705 Email ID- niranjan@hiranandani.net</p> <p>2. Mrs. Kamal Niranjan Hiranandani Address: Olympia , Central Avenue , Hiranandani Business Park, Powai Mumbai-76 Phone. No.:022- 25766705 Email ID- kamal@hiranandani.net</p> <p>3. Mr. Darshan Niranjan Hiranandani Address: Olympia , Central Avenue , Hiranandani Business Park, Powai Mumbai-76 Phone. No.:022- 25766705 Email ID- darshan@hiranandani.com</p>
2	Primary Technical Data	
A	Point of origin and the end point of the proposed petroleum and petroleum products pipeline	Paradip-Hyderabad proposed petroleum and petroleum product pipeline is for white oil products (i.e. MS,HSD, SKO & ATF) .The proposed pipeline will originate from IOCL's Paradip refinery and pass through TOP's of oil companies at Behrampur (Odisha), Vishakhapatanam (AP),Rajahmundry(AP), Vijaywada (AP) and will end at Hyderabad (Telanagana). Inputs of this pipeline will be supplemented from HPCL's Vishakhapatanam refinery and by coastal receipts at Vishakhapatanam The approximate length of the pipeline would be 1150 Km.
B	Indicative route of the proposed petroleum and petroleum products pipeline indicating the likely petroleum products injection points and likely delivery points depicted	Indicative Route Map is enclosed as Annexure-4 <u>Injection Points:</u> 1. IOCL Paradip Refinery 2. HPCL Vishakhapatanam Refinery 3. Coastal Receipts at

	on a physical map	Vishakhapatnam Delivery Points: TOP's of IOCL, BPCL and HPCL at Berhampur, Vishakhapatnam, Rajahmundry, Vijayawada and Hyderabad
C	Petroleum products availability position	Product would be made available from IOCL's Paradip refinery, HPCL Vishakhapatnam refinery and coastal receipts at Vishakhapatnam
D	Potential demand of petroleum products enroute the petroleum and petroleum product pipeline	Potential demand would be around 4.5 Million MT per annum along the route of the petroleum product pipeline. This demand is expected to grow annually @ ~5%
E	Assessment of total volume for transportation in the proposed petroleum and petroleum products pipeline	Around 4.5 Million MT per year
F	Any other issue considered as relevant by the entity	NIL
3	Application fee of Rs. _____ paid vide demand draft/ pay order number <__> and dated <__> drawn on <name of bank and branch>.	Application fee of Rs. 10000/- paid vide demand draft number 949126 ,dated 07.03.2017 drawn on SBI Bank, in favour of Petroleum and Natural Gas Regulatory Board.

Date: 9th May 2017

Place: MUMBAI

For Aardvark Developers LLP



Abhirup Bhattacharya
Authorised Signatory

For H-Energy Private Limited



Abhirup Bhattacharya
Authorised Signatory

Received on 19/04/2017
at 4:45 PM
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AARDVARK DEVELOPERS LLP
LLPIN: AAG-0438

Ref: ADLLP/BD/PNGRB/PHPL/002

April 19, 2017

To,
Shri. Md. Tanweer Akhter
Deputy Adviser,
Petroleum and Natural Gas Regulatory Board
1st Floor, World Trade Center,
Babar Lane, Connaught Place,
New Delhi-110001

Sub: Expression of Interest (EOI) to Lay, Build & Operate a common carrier Petroleum and Petroleum Products Pipeline from Paradip to Hyderabad.

Ref: Your letter no. Infra/PPL/45/ADLLP/PHPL/01/2017 dated 27.03.2017

Dear Sir,

Please refer to your letter no. Infra/PPL/45/ADLLP/PHPL/01/2017 dated 27.03.2017, which was received by us late on 11.04.2017, which is the 15th day from the date of issuance of your letter. Since we had received it late, kindly accept our response as seriatim to your queries as enclosed in Annexure-I.

Thanking you,
Yours faithfully,



Abhirup Bhattacharya
Authorised Signatory

Encl.- Annexure- I

Replies of the shortcomings observed by PNGRB on EOI of Paradip-Hyderabad Petroleum Product Pipeline

1. "The content of the abovementioned letter is about submission of Eoi of M/s H-Energy for laying, building, operating or expanding Petroleum & Petroleum Product Pipeline from Paradip to Hyderabad, whereas name of the entity given in Schedule A for the said Eoi is written as AARDVARK Developers LLP"

Reply: It may be noted that AARDVARK Developers LLP is an affiliate firm of H-Energy Pvt. Ltd. AARDVARK Developers LLP(Lead Member) and H-Energy Pvt. Ltd(Technical Member) will form a consortium at the time of bidding for this common carrier pipeline to undertake this Project of Laying, building and to operate the Petroleum Product pipeline from Paradip to Hyderabad. In case the entity i.e. Consortium of H-Energy Pvt. Ltd. and AARDVARK Developers LLP is authorized after the bidding process then the consortium shall form an entity which shall be registered under the Companies Act as per regulation 5(6)(e) of Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010

Therefore, it may be noted that EOI application submitted to PNGRB vide letter no. ADLLP/BD/PNGRB.PHPL/001 dated 17.03.2017 should be considered as a joint application by AARDVARK Developers LLP and H-Energy Pvt. Ltd. (i.e. entity, a consortium of Aardvark Developers LLP and H-Energy Pvt. Ltd.)

2. "While claiming the qualification for minimum eligibility criteria under regulation 5(6)(b)(iv) & 5(6)(c)(iv), it has been confirmed by the entity that they have adequate number of Technically qualified personnel on their rolls. But M/s AARDVARK Developers LLP has submitted the CVs of those personnel who are employees of a different entity as placed at Annexure-2 of the Eoi. As per the above sub-regulation, the entity shall have at least three technically qualified personnel on its permanent rolls".

Reply: In line with the above, it is clear that the entity i.e. Consortium of AARDVARK Developers LLP and H-Energy Pvt. Ltd. qualifies the minimum eligibility criteria under regulation 5(6)(b)(iv) and 5(6)(c)(iv) of Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010.

3. "The applicant is a partnership firm and there is no documentary evidence available to substantiate as one of the partners of the firm whose net-worth has been considered for claiming the qualification under financial criteria"

Reply: AARDVARK Developers LLP is a partnership firm and is incorporated pursuant to section 12(1) of the Limited Liability Partnership Act, 2008. LLP Agreement signed by the designated partners is enclosed as Annexure-A for your reference.

x
lead partner



4. "There is an anomaly in the name of one partner as written in Schedule A and the CA Certificate for claiming net-worth"

Reply: Name of the partner mentioned in Schedule-A of the EOI submitted by us is Mr. Niranjan Lakhumal Hiranandani whereas on the CA certificate for claiming net-worth it is written as Mr. Niranjan Hiranandani. It may be noted that full name of Mr. Niranjan Hiranandani is Niranjan Lakhumal Hiranandani. Person named in the Schedule-A and the person named in CA certificate is one and the same person. Request the Hon'ble PNGRB to consider it appropriately.

5. "M/s AARDVARK Developers LLP has proposed a 4.5 MMTPA capacity of the pipeline without giving any basis of justification. From the application, it appears that they will transport the products of third party OMC's , however it is not clear that how much quantities those OMC's will offer to the entity for the transportation through the proposed pipeline. The detail break-up of Off-take from the source points and the quantity to be transported to various delivery points by M/s AARDVARK Developers LLP is essentially required which shall help in deciding the actual capacity and assessment of utilization for the proposed pipeline"

Reply: Estimated demand projections of MS, KO and HSD are shown in the table below. A detailed feasibility study will be carried out before the bidding process of the Paradip-Hyderabad Petroleum product pipeline.

Table 1: Demand Projection in MMTPA

Sr. No.	ToP Location	2018-19
1	Berhampur	0.361
2	Vishakhapatnam	0.578
3	Rajahmundry	0.336
4	Vijaywada	0.907
5	Hyderabad	1.276
	Sub-Total	3.458

To meet the above shown demand for petroleum products at Berhampur, Vishakhapatnam, Rajahmundry, Vijaywada and Hyderabad, petroleum products will be sourced from IOCL Paradip Refinery, HPCL Vishakhapatnam Refinery and Coastal Receipts at Vishakhapatnam. In future, the demand is expected to grow annually @5%. Based on that, Petroleum Product Pipeline capacity is estimated to be 4.5 MMTPA.



- To carry on the business of setting up of all types of Infrastructure Projects, facilities or works, and to acquire, build, construct, install, erect, undertake, lay down, commission, establish, own, operate, manage, control, and administer, lease, transfer all Infrastructure Projects.
- To carry on in India the business of regasification and to manufacture, produce, process, re-process, refine, mix, formulate, purify, disinfect, convert, commercialize, control, distribute, derive, release, manipulate, store, supply, import, export, market, buy, sell, turn to account and to act as agent, sub-agent, retailer, wholesalers, broker, trader, bottler, movers refiner, stockist, transporter, collaborator, consignor, or otherwise to deal in all sorts of natural resources, energy, oil, all hydrocarbons, gases including but not limited to Liquefied natural gas, natural gas, acetylene, methane, ethane, propane, butane, ethyl mercaptan, nitrogen, argon, carbon dioxide and other gases, in compressed or liquefied form or kindred substances, or any compounds thereof required or used by any person including but not restricted to industries, agriculture, laboratories, clinics, hospitals, refrigeration, aviation, transport vehicles, space rockets, aircrafts, communication, power plants, domestic or public lighting, cooling or cooking purposes, water works, defense or welfare establishments, horticulture, forest or plant protection and to supply gas for lighting, heating, motive power and to deal in gas, coke, tar and all other residual products resulting from the manufacture or the extraction of any gas .
- To acquire, construct, operate, maintain, enlarge, and use all such floating storage and regasification units, Liquefied natural gas vessels, floating storage units, ships, barges, tugs, supply vessels, helicopters, lands, buildings, easements, gas and other works, machinery, plants and to erect, lay, install pipeline, sub-sea pipeline, pipes, motors, meters, apparatus, materials and other things, and to supply all such materials, products and things as may be convenient in conjunction with the production, use, storage, measurement, supply and distribution of any of the products of the company by any process, engines, electrodes, transformers, gas cylinders, compressors, welding machines and other apparatus and conveniences which may seem calculated to promote (directly or indirectly) the consumption of gases.
- To process, make, invent, convert, import, export, trade, buy, sell and to act as retailers, wholesalers, suppliers, movers, stockists, agents, sub-agents, merchants, distributors, consignors, contractor, brokers, concessionaires or otherwise deal in metals, substances and materials, of all kinds (including glass) which may be usefully or conveniently employed in the manufacture of receivers

CSB

CSB



for compressed or liquefied or other gases, and all machinery, appliances, tools, articles and things used or capable of being used for closing or in the manufacture of appliances for closing such receivers or for closing or stopping bottles or for liberating the gases or other contents of any such receivers or the tools required for or used in the manufacture of any such article or things or for any of the purposes aforesaid.

- To promote, organize or carry on business of consultancy services and training including consultancy and training in human resource capability building or any field of activity in which the company is engaged in or connected therewith either on its own or through collaboration or joint venture.
- To acquire by purchase, exchange, lease, hire or otherwise any land, plot(s) of land or immovable property or any right or interest therein either singly or jointly or in Partnership with any person(s) or Body corporate or partnership Firm and to develop, re-develop and construct thereon residential, commercial complex and engage in the business of Real Estate Development, Land Development, Site Development, including factories, mills, houses, cottages, shops, depots, warehouses, licenses, easements or interests in or with respect to any property of the company in consideration and to build townships, markets or other buildings or conveniences thereon and invest in any other entities like partnership firms, Limited Liability Partnership, Company or any other body corporate".

2. Subject to what is otherwise provided herein above, the other terms and conditions mentioned in the Original Agreement dated 04th April, 2016 will be binding on the First Party & Second Party.

IN WITNESS WHEREOF the parties hereto have hereunto set and subscribed their respective hands to this Agreement the day and year first hereinabove written.

SIGNED, SEALED AND DELIVERED)
 by the within named First Partner)
NIRANJAN HIRANANDANI)
 in the presence of Tripti Chauhan)
Chauhan)



SIGNED, SEALED AND DELIVERED)
 by the within named Second Partner)
ASHA BHATIA)
 in the presence of Poarvi Samraja)
Samraja)



Received by hand on 20/3/17
ISC us

AARDVARK DEVELOPERS LLP
LLPIN: AAG-0438

Ref: ADLLP/BD/PNGRB/PHPL/001

March 17, 2017

To,
The Secretary,
Petroleum and Natural Gas Regulatory Board
1st Floor, World Trade Center,
Babar Lane, Connaught Place,
New Delhi-110001

AA (ATC)
20/3/2017
PA (MTA)
20/3/2017
Recd on 20/3/17
20/3/17
20/3

Sub: Expression of Interest (EOI) to Lay, Build & Operate a common carrier Petroleum and Petroleum Products Pipeline from Paradip to Hyderabad.

Dear Madam,

We are pleased to submit our application in the enclosed form Schedule A for Expression of Interest of H-Energy Pvt. Ltd. to Lay, Build and Operate a common carrier Petroleum Products Pipeline from Paradip to Hyderabad as per the Regulation 4(1) of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Product Pipelines) Regulations 2010.

You are requested to initiate the necessary process and grant the authorization for Laying, Building and Operating the subject mentioned Petroleum and Petroleum Products pipeline under Section 5 of Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Product Pipelines) Regulations 2010.

Thanking you,
Yours faithfully,




Abhirup Bhattacharya
Authorised Signatory

Encl.- Schedule A



Schedule A

[see regulations 4 (1) and 5 (6)]

Application form for submitting expression of interest by an entity desirous of laying, building, operating or expanding a petroleum and petroleum products pipeline.

A. Only an entity which complies with the minimum eligibility criteria as per regulation 5 (6) of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010 is eligible to submit its application for submission of expression of interest to the Board.

B. Entities must enclose documentary proof in support of its meeting the minimum eligibility criteria.

Statement of Minimum Eligibility Criteria as per Regulation 5(6)

Sr. No.	Sub Regulation Ref.	Criteria Condition	Submittals/Remarks
1	5(6)(a)	Application Fee	Application fee of Rs.10,000/- attached vide Demand Draft No.949126 dt. 07.03.2017 drawn on SBI
2	5(6)(b)	Technically capable of laying and building petroleum and petroleum product pipeline as per the following criteria	
	(i)	Entity has on its own, either departmentally or through contractors hired by it, in the past, laid and built either a hydrocarbon pipeline of a length not less than three hundred kilometers on a cumulative basis or a city or local natural gas distribution network;	NA
	(ii)	Entity has a joint venture with another entity (with at least eleven per cent. equity holding by that entity) which in the past has either laid and built a hydrocarbon pipeline of a length not less than three hundred kilometers on a cumulative basis or a city or local natural gas distribution network;	NA
	(iii)	lump sum turnkey or project management consultancy basis through one or more technically competent firms, which in the past have laid and built a hydrocarbon pipeline of a length not less than three hundred kilometers or a city or local natural gas distribution network and the entity shall also	We are in discussions with several EPC companies and we intend to outsource the execution of Petroleum products pipeline to competent EPC pipeline laying firms. The following companies could be associated with us in this



14/C

13/c

		enclose a list of such firms along with aforesaid proof of their technical competence	<p>project and most of them had executed greater than 300 Kms of pipelines.</p> <ol style="list-style-type: none"> 1. Corrtch International Pvt. Ltd. 2. JaiHind Projects Ltd. 3. Vichitra construction pvt. Ltd. <p>The supporting documents are attached herewith in Annexure-1.</p> <p>We also intend to explore other technically competent firms in case we are granted Authorization</p>
	(iv)	Entity has an adequate no. of technically qualified personnel with requisite experience	We have adequate number of technically qualified personnel with experience in construction and pre-commissioning of Hydrocarbon pipelines to independently undertake and execute the Petroleum and petroleum products pipeline project on a standalone basis. CV's of the technical personnel's are enclosed as Annexure-2
3	5(6)(c)	Technical capability-Operating & Maintaining Petroleum and Petroleum Products Pipeline under any of-	
	(i)	entity on its own has an experience of at least one year in operations and maintenance of a petroleum and petroleum products pipeline of a length not less than three hundred kilometers on a cumulative basis	Not Applicable
	(ii)	entity has a joint venture with another entity (with at least eleven per cent. holding of that entity) which has an experience of at least one year in operations and maintenance of a petroleum and petroleum products pipeline	Not Applicable
	(iii)	entity intends to operate and maintain the proposed petroleum, petroleum products pipeline through an appropriate firms'	Not Applicable



		technical assistance agreement for a period of at least one year with another party having experience of at least one year in operations and maintenance of a petroleum and petroleum products pipeline; or	
	(iv)	entity has an adequate number of technically qualified personnel with experience in commissioning and operation and maintenance (O&M) of petroleum, petroleum products pipeline and also has a plan to independently undertake the O&M activities of a petroleum, petroleum products pipeline on a standalone basis;	We have adequate number of technically qualified personnel with experience in commissioning and operation and maintenance (O&M) of petroleum, petroleum products pipeline. CV's of the operation & maintenance personals are enclosed as Annexure-2
	5(6)(d)	the entity has adequate financial strength to execute the proposed petroleum, petroleum products pipeline project and operate and maintain the same and shall meet the following financial criterion to qualify for bidding for a single petroleum, petroleum products pipeline	Net worth of Mr. Niranjan Hiranandani (Designated Partner at AARDVARK Developers LLP) was 6881.56 crores as on 31st march 2016 which is over and above the requirements as per PNGRB regulations for qualification of this project. Certified Net worth is enclosed as Annexure-3
	5(6)(e)	Entity, if not a company registered under the Companies Act, 1956, shall convert itself into a company registered under the Companies Act, 1956	Aardvark Developers LLP is registered under LLP Act,2008

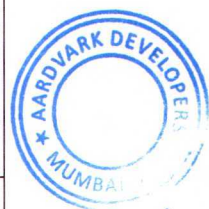
Technical Eligibility (Construction) : As per the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Product Pipelines) Regulations 2010 under regulation 5(6)(b)(iv) we have adequate number of technically qualified personnel with experience in construction and pre-commissioning of hydrocarbon pipelines to independently undertake and execute the petroleum and petroleum products pipeline project on a standalone basis. CV's of the technical personals are enclosed as Annexure-2

Technical Eligibility (Operation and Maintenance): As per the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Product Pipelines) Regulations 2010 under regulation 5(6)(c)(iv) we have adequate number of technically qualified personnel with experience in commissioning, operation and maintenance (O&M) of petroleum products pipeline. CV's of the technical personals are enclosed as Annexure-2





1	General Details	
A	Name of the Entity	AARDVARK DEVELOPERS LLP
B	Type of firm – Public Limited Company / Private Limited Company / Partnership firm / Proprietorship firm / Others (please specify)	Partnership firm
C	Date of incorporation and date of commencement of business	23 rd March 2016
D	Address of the Registered office	AAG-0438 and Registered office at 514, Dalamal Towers, 211, FPJ Marg, Nariman Point, Mumbai -400021
E	Name, addresses, telephone numbers, e-mails of all directors / partners / proprietor.	<p>1. Mr. Niranjan Lakhumal Hiranandani Address: 2nd Floor ,Olympia , Central Avenue , Hiranandani Business Park, Powai Mumbai-76 Phone. No.:022- 25766705 Email ID- niranjan@hiranandani.net</p> <p>2. Mrs. Asha Bhatia Address :1202B, Surya Apartments, 53 B Desai Road, Mumbai – 400026 Phone. No.:022- 25706455 Email ID- info@hiranandani.net</p>
2	Primary Technical Data	
A	Point of origin and the end point of the proposed petroleum and petroleum products pipeline	Paradip-Hyderabad proposed petroleum and petroleum product pipeline is for white oil products (i.e. MS,HSD, SKO & ATF) .The proposed pipeline will originate from IOCL's Paradip refinery and pass through TOP's of oil companies at Behrampur (Odisha), Vishakhapatnam (AP),Rajahmundry(AP), Vijaywada (AP) and will end at Hyderabad (Telanagana). Inputs of this pipeline will be supplemented from HPCL's Vishakhapatnam refinery and by coastal receipts at Vishakhapatnam The approximate length of the pipeline would be 1150 Km.
B	Indicative route of the proposed petroleum and petroleum products pipeline indicating the likely petroleum	Indicative Route Map is enclosed as Annexure-4 <u>Injection Points:</u> 1. IOCL Paradip Refinery



(Handwritten signature)

	products injection points and likely delivery points depicted on a physical map	2. HPCL Vishakhapatanam Refinery 3. Coastal Receipts at Vishakhapatanam <u>Delivery Points:</u> TOP's of IOCL, BPCL and HPCL at Berhampur, Vishakhapatanam, Rajahmundry, Vijayawada and Hyderabad
C	Petroleum products availability position	Product would be made available from IOCL's Paradip refinery, HPCL Vishakhapatanam refinery and coastal receipts at Vishakhapatanam
D	Potential demand of petroleum products enroute the petroleum and petroleum product pipeline	Potential demand would be around 4.5 Million MT per annum along the route of the petroleum product pipeline. This demand is expected to grow annually @ ~5%
E	Assessment of total volume for transportation in the proposed petroleum and petroleum products pipeline	Around 4.5 Million MT per year
F	Any other issue considered as relevant by the entity	NIL
3	Application fee of Rs. _____ paid vide demand draft/ pay order number < ___ > and dated < ___ > drawn on <name of bank and branch>.	Application fee of Rs. 10000/- paid vide demand draft number 949126 ,dated 07.03.2017 drawn on SBI Bank, in favour of Petroleum and Natural Gas Regulatory Board.

Date: 17th March 2017

Place: MUMBAI

For Aardvark Developers LLP



Abhirup Bhattacharya
Authorised Signatory



10/c



Jaihind

PROJECTS LIMITED

AARDVARK DEVELOPERS LLP
514, Dalamal Towers,
211, FPJ Marg,
Nariman Point,
Mumbai - 400021.

Date 14.03.2017

Kind Attention: Mr. Abhirup Bhattacharya, Vice President (Business Development)

Subject: Petroleum Product Pipeline Project (Paradip-Hyderabad)

Dear Sir,

With reference to the proposed project as mentioned in the subject line, we are pleased to offer our expertise in the development of the project on mutually suitable commercial terms. Our company profile and technical credentials in respect to hydrocarbon pipeline are enclosed.

We confirm that we have laid and built a hydrocarbon pipeline length of more than 300 Kilometers.

We confirm our interest to provide our services for laying Petroleum product pipeline and related facilities

We shall be pleased to provide our further information/clarification that may be required by PNGRB on our credential and experience.

Thanking you and assuring you our best services at all times.

Yours Sincerely,
For, Jaihind Projects Limited

Chetan Tolani
Director



1/5





CORRTECH
INTERNATIONAL PVT. LTD.

AARDVARK DEVELOPERS LLP
514, Dalamal Towers,
211, FPJ Marg,
Nariman Point,
Mumbai - 400021.

Date 14.03.2017

Kind Attention: Mr. Abhirup Bhattacharya, Vice President (Business Development)

Subject: Petroleum Product Pipeline Project (Paradip-Hyderabad)

Dear Sir,

With reference to the proposed project as mentioned in the subject line, we are pleased to offer our expertise in the development of the project on mutually suitable commercial terms. Our company profile and technical credentials in respect to hydrocarbon pipeline are enclosed.

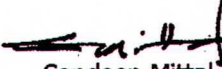
We confirm that we have laid and built a hydrocarbon pipeline length of more than 300 Kilometers.

We confirm our interest to provide our services for laying Petroleum product pipeline and related facilities

We shall be pleased to provide our further information/clarification that may be required by PNGRB on our credential and experience.

Thanking you and assuring you our best services at all times.

Yours Sincerely,
For Corrtech International Private Limited


Sandeep Mittal
Director



Registered Office : 51, Mahagujarat Industrial Estate, Opp. Nova Petrochemicals, Sarkhej Bavla Highway, Changodar, Ahmedabad-382 213
Gujarat. INDIA • Phone : +91 2717 668800 • Fax : +91 2717 668847 • Email : corrtech@corrtech.in • Website : www.corrtech.in
(CIN : U291306GJ1982PTC038664)

City Office: 22, Dhara Centre, Vijay Cross Road, Navrangpura, Ahmedabad-380 009. Gujarat. INDIA • Phone: +91 79 39873100

ISO 14001:2004
OHSAS 18001:2007



ANNEXURE-1
7/C



VICHITRA Constructions Pvt. Ltd.

Regd. Office : A-1/31, Janak Puri, New Delhi-110058
Ph. Off. : 25554591, 25552191 Fax : 91-11-25517838, 25510404
E-mail : agarwaljkp@yahoo.co.in, vichitraconstruction@gmail.com

AARDVARK DEVELOPERS LLP
514, Dalamal Towers,
211, FPJ Marg,
Nariman Point,
Mumbai – 400021.

Date 15.03.2017

Kind Attention: Mr. Abhirup Bhattacharya, Vice President (Business Development)

Subject: Petroleum Product Pipeline Project (Paradip-Hyderabad)

Dear Sir,

With reference to the proposed project as mentioned in the subject line, we are pleased to offer our expertise in the development of the project on mutually suitable commercial terms. Our company profile and technical credentials in respect to hydrocarbon pipeline are enclosed.

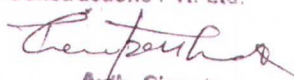
We confirm that we have laid and built a hydrocarbon pipeline length of more than 300 Kilometers.

We confirm our interest to provide our services for laying Petroleum product pipeline and related facilities

We shall be pleased to provide our further information/clarification that may be required by PNGRB on our credential and experience.

Thanking you and assuring you our best services at all times.

For Vichitra Constructions Pvt. Ltd.
Yours Sincerely


Auth. Signatory

VICHITRA CONSTRUCTIONS PVT. LTD.
Regd Office: A-1/31, Janak Puri,
NEW DELHI-110 058, Phone: 011-25554591



5



Annexure - 2

List of technically qualified personnel of H-Energy

No.	Name	Designation	Brief Experience
1	Proshanto Banerjee	Senior Advisor, Business Development	Mr. Banerjee has done B.Tech in Chemical Engineering and MBA in the past. He has over 46 years of experience in oil and gas industry. He was the Chairman & Managing Director of GAIL. He has served in senior management positions of leading Indian public sector companies like IOCL, Mahanagar Gas Limited and Indraprastha Gas Limited.
2	Abhirup Bhattacharya	VP, Business Development	Mr. Bhattacharya has done B. Tech in Chemical Engineering from Harcourt Butler Technological Institute, Kanpur. He has over 24 years of experience working with companies like Gujarat Gas (part of British Gas and later GSPC Group), Tata Chemicals & Nerolac. In the past he was heading the Bharuch region of Gujarat Gas handling Pipeline and Facility Construction, O&M of the Transmission & Distribution network, Terminal compressor station. He Holds expertise in the area of Business Development, Production Planning, Process improvement, Safety, Project and Maintenance Management, Asset Integrity, establishing HSSE culture & Strategic Planning. Also he was the Core member of PNGRB technical standards advisory committee and member of OISD standard preparation committee.
3	Narayan B Hegde	Advisor Projects (Pipeline)	Mr. Hegde has done B.E. in Mechanical Engineering. He has over 33 years of experience in Oil and Gas sector covering all gambit of pipeline system viz. Operations, Maintenance, Project Design, Project Monitoring and Construction. In the past he has worked with IOCL as Dy. General manager in Project Design and General Manager in Operation, Maintenance and Construction departments during his tenure.

H-Energy Private Limited

Registered Office – 514, Dalamal Towers, 211 FPJ Marg, Nariman Point, Mumbai – 400 021
Corporate Office – 12th Floor, Knowledge Park, Hiranandani Business Park, Powai, Mumbai – 400 076, India
T +91 22 2571 5100 W www.henergy.com



5/c

H-ENERGY

No.	Name	Designation	Brief Experience
4	NS Bedi,	GM Operations	Mr. Bedi is a B.Tech Mechanical from MS University, Vadodara. Has over 24 years of experience in Project Management and Operational Control of Large Projects in IngersolRand, BG Group, Gujarat Gas. He is also a certified Naval Engineer with extensive experience in Merchant vessels and offshore environment
5	Robert William Shaddick	General Manager (Technical)	Mr. Shaddick has 35+ years of experience in the design, engineering and management of engineering for onshore and offshore oil and gas, pipelines, refinery and petrochemical EPC/EPCM projects, in Australia and overseas. Rob has extensive experience in the Contracting Industry, complemented by experience with operating companies. Previously, held positions as General Manager Engineering, Fluor E&C (Australia). Engineering Manager for the Projects division of Cairn Energy India where he was responsible for executing major projects within Cairn's Indian assets.
6	Manoj Choudhary	Project Director	Mr. Choudhary has done B.E. (Mechanical) and Masters in Financial Management. He has over 22 years of experience working with companies like Leighton India, Mazgaon Dock, Clough Oil & Gas (Australia), J. Ray McDermott (U.A.E) where he was involved into project and business management in the Oil & Gas Offshore Construction industry, working in a EPCI contracting environment. In his previous assignment as Project Director, he was responsible for executing three subsea pipeline upstream projects for ONGC.
7	Vivek Mehrotra	VP (Procurement and Contracts)	Mr. Vivek Mehrotra has 20 years of experience in Oil & Gas, both upstream and downstream with client as well as EPC companies. He has worked for establishment of Greenfield platforms, pipeline projects, brownfield modification (Onshore/Offshore), Installations, cross country pipelines, LPG plants and Depots.

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H-ENERGY

No.	Name	Designation	Brief Experience
8	Mahesh Pophale	General Manager (QHSE)	Mr. Mahesh Pophale is a Mechanical Engineering graduate and having certifications like International Welding Engineer, ASNT Level III and ISO 9001:2015 Lead Auditor. Has 23+ years of experience in Quality in Oil & Gas industry. Has worked with major Oil & Gas operator like PDO / RASGAS / QAFCO / ADNOC group of companies like ZADCO / GASCO / Borouge/ Takreer and major international EPC contractor like CB&I, McDermott & GSE&C.
9	Debasish Chattopadhyay	DGM, Business development	Mr. Chattopadhyay has done B.E. (AMIE) Mechanical from Institute of Engineers, Kolkata. Has over 24 years of experience in Project Management, RoU acquisition, Regulatory affairs, Asset Integrity and Operation Management for the High Pressure Natural Gas Grid of GSPL and Distribution network of Gujarat Gas Co Ltd. He is also a Certified Gas Manger from ISP, Dehradun, and Certified Corrosion Engineer from NACE, Mumbai and Certified Chartered Engineer (Mechanical) from Inst. of Engineers, India.
10	Harshjit Sheth	DGM Projects	Mr. Seth has done B.E. in Civil Engineering and M.Tech in Civil Engineering in the past. He has over 20 years of experience in Oil and gas sector covering Design, installation engineering, project engineering, pipeline engineering and project execution. In the past he has worked with Shell India, Penspen International Ltd., Leighton Contractors India Pvt. Ltd, Worley Parsons, etc.
11	Pushpendra Singh	Senior Manager, Projects	Mr. Pushpendra has over 8 years of experience in the energy industry with specific focus in the field of Gas Business with experience in contracting, process, maintenance & up - gradation of natural gas pipeline facilities. He has been associated with operations of RGTIL's EWPL pipeline.
12	Vishal H. Lad	Manager Projects (Pipeline)	Mr. Lad has done B.E. in Mechanical Engineering and has over 10 years of experience in pipeline designing and detail engineering of various pipeline projects.in the past he has worked with Dorsch(Consult) India Pvt. Ltd.(Mumbai), Ingersoll Rand India Ltd,etc.

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H-ENERGY

No.	Name	Designation	Brief Experience
13	Mehul Surti	Manager, Projects	Mr. Surti has done B.E. in Mechanical Engineering, M.Sc in automotive engineering and MBA. He has over 12 years of experience in Oil and gas domain covering pipeline project management , construction, Operation and Maintenance, Contracts and Vendor development .He is also a certified chartered Engineer in Mechanical(Energy) from Inst. of Engineers, India. In past he has worked with L&T Plant & Site services Ltd.(UK) and Gujarat Gas Ltd.



ANNEXURE-3 2/C

S. H. PATRAWALA & CO.
CHARTERED ACCOUNTANTS

513, Dalamal Towers, Nariman Point, Mumbai-400 021.
Tel. : 2284 5733 / 6632 4017 • Fax : 2283 2010 • E-mail : swati_patrawala@hotmail.com

SHP&Co./16-17/10/02

05th October, 2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the net worth of Mr. Niranjan Hiranandani as on 31st March, 2016 was Rs.6,881.56 crores.

This is based on the audited books of accounts as on 31st March, 2016.

For **S.H. PATRAWALA & CO.**
(Chartered Accountants)

S. H. Patrawala



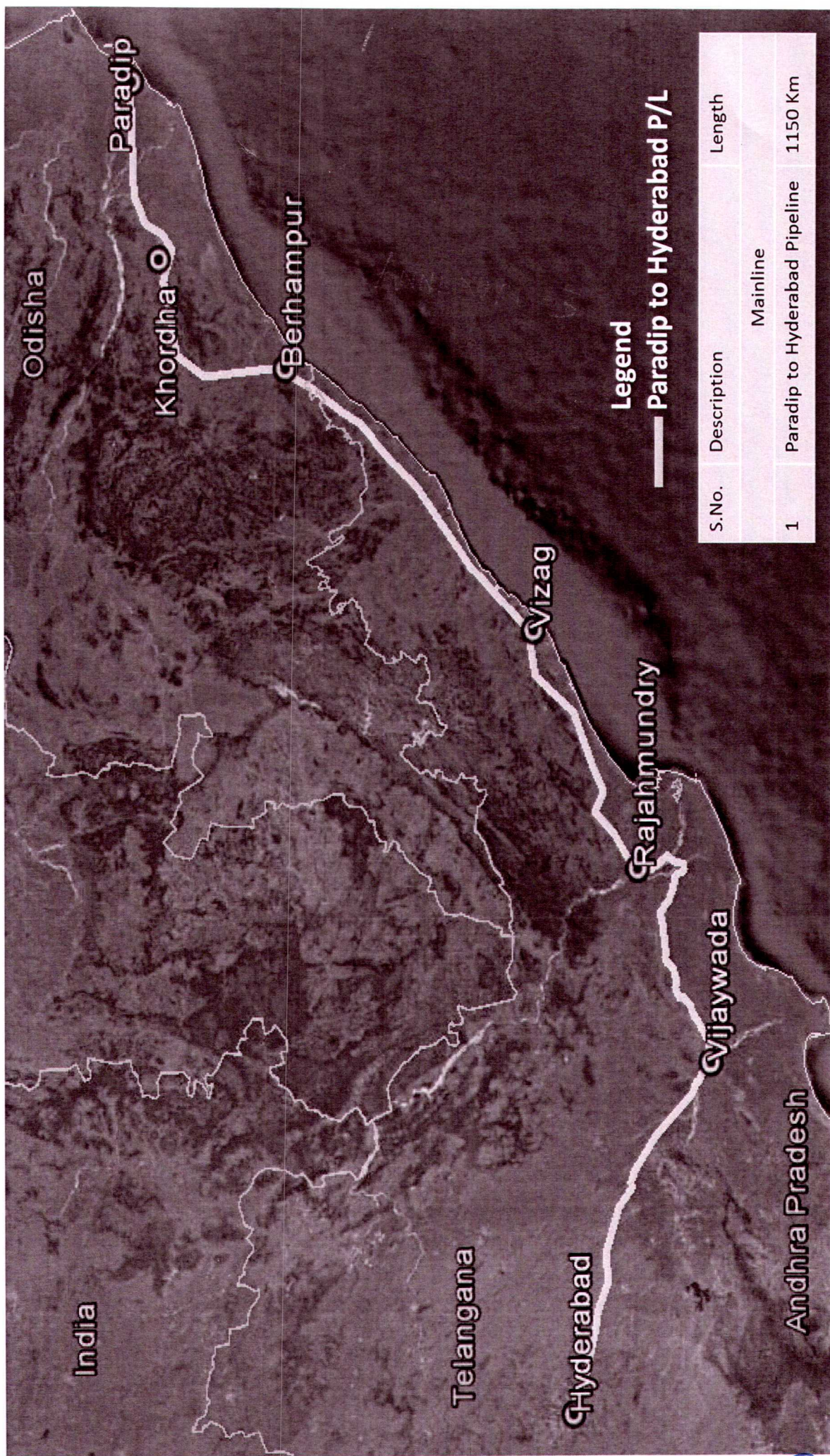
S.H.PATRAWALA
[PROPRIETOR]

Membership No. 39015

Place : Mumbai

VB

Annexure-4: Indicative Route Map of Paradip-Hyderabad Petroleum Product Pipeline



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