



RELIANCE INDUSTRIES LIMITED
Petroleum Business (E&P)
Notice Inviting Expression of Interest
(RIL/E&P/EOI/2016/01)
(Under International Competitive Bidding)

A] For All Oil & Gas Fields

Reliance Industries Limited (RIL), as operator, on behalf of itself & its co-venturers BP Exploration (Alpha) Limited, Niko (NECO) Limited and Niko (NELPIO) Limited invites Expression of Interest (EOI) from reputed and experienced Contractors for following categories, for the blocks acquired under NELP-I and NELP-III:

CATEGORY NO	CATEGORY DESCRIPTION
DEV/COMN/2016/1	Conceptual Engineering and / or Front End Engineering & Design for development of offshore oil & gas fields in deep waters
DEV/COMN/2016/2	Design Competition for Concept & FEED for field development of deep water discovery, followed by offer for turnkey contract

B] For Block No. KG-DWN-98/3 (KG-D6)

Reliance Industries Limited (RIL), as operator, on behalf of itself & its co-venturers BP Exploration (Alpha) Limited and Niko (NECO) Limited invites Expression of Interest (EOI) from reputed and experienced Contractors/Vendors for following category, for Deep-water Block No. KG-DWN-98/3 (KG-D6) in East coast of India:

CATEGORY NO	CATEGORY DESCRIPTION
OAM/KGD6/2016/1	All Operation and maintenance related Services (including Administrative related services), Equipment and Materials

Interested Contractors/Vendors are requested to visit our website www.ril.com for further details on the above and submit their Expression of Interest (hard copies in duplicate along with electronic copy on CD/DVD) with all details through courier / post and also through e-mail on deveioresponse.eandp@ril.com, on or before 29th April 2016. The envelope should be superscribed as RIL/E&P/EOI/2016/01 along with category number.

Address for Communication:

Vice President - Supply Chain Management,
Reliance Industries Limited, Petroleum Business (E&P),
Building No 11, 'A' Wing, Second Floor, Reliance Corporate Park (RCP),
Thane-Belapur Road, Ghansoli, Navi Mumbai-400701, India
Email Address: - deveioresponse.eandp@ril.com

Further details on the above requirements are as below:-

A] For All Oil & Gas Fields

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CATEGORY NO	CATEGORY DESCRIPTION
DEV/COMN/2016/1	Conceptual Engineering and / or Front End Engineering & Design for development of offshore oil & gas fields in deep waters
DEV/COMN/2016/2	Design Competition for Concept & FEED for field development of deep water discovery, followed by offer for turnkey contract
DRL/COMN/2016/1	Specialized testing services required during drilling of oil and gas well

Contractors interested to pre-qualify for receiving tenders are required to submit the information as detailed below:

Category No: DEV/COMN/2016/1 for Conceptual Engineering and / or Front End Engineering & Design for development of offshore oil & gas fields in deep waters

➤ **Scope**

Conceptual Engineering and / or Front End Engineering & Design (FEED) works for development of offshore oil & gas fields in deep waters.

➤ **Contractor shall submit:**

- Experience in carrying out Conceptual Engineering for the development of offshore oil & gas fields in deep waters in the last 10 years. The details of experience to be provided in the tabular format given below.
- Experience in carrying out Front End Engineering & Design for offshore oil & gas fields in deep waters in the last 10 years. The details of experience to be provided in the tabular format given below, along with information on facilities e.g. subsea production system, subsea control system, umbilicals, risers, flow-lines, offshore processing facilities including topside and substructure (Jacket, TLP, FPSO, Semi-sub etc.), onshore processing facilities.
- Experience in carrying out Flow Assurance Studies for offshore oil & gas fields in deep waters in the last 10 years. The details of experience to be provided in the tabular format given below, along with information on aspects covered in the studies.
- Name & Location of the proposed bidding entity.
- Profile of the proposed bidding entity and the parent company, if any, including the following:
 - Overall organization chart
 - Details of office facilities available with the proposed bidding entity & location from where work is intended to be carried out
- Resources available with the proposed bidding entity to carry out Conceptual Engineering / FEED along with CVs of Key Technical personnel.
- Updated workload chart for the proposed location illustrating current commitments, future anticipated workload and available capacity.

- Audited financial results (Balance Sheet) of the proposed bidding entity and the parent company, if any, for the last five years.
- Health, Safety, Environment (HSE) Management System along with HSE track record.
- Quality Assurance System along with valid ISO 9001 certification of the proposed bidding entity and the parent company (if any).
- Any other information considered relevant by the Contractor.

Contractor's Experience							
Project Name & Location	Field Water Depth (m)	Name of the Field Operator	Name of the Client	Location of Contractor's office responsible for Work	Date of Start & Completion of Work	Order Value	Details of Contractor's Scope of Work
A. Contractor's Experience in carrying out Conceptual Engineering							
							(Please see Note)
B. Contractor's Experience in carrying out FEED							
							(Please see Note)
C. Contractor's Experience in carrying out Flow Assurance Studies							

Note:

Contractor shall furnish details of the scope carried out for each element e.g. subsea production system, subsea control system, umbilicals, risers, flow-lines, offshore processing facilities including topside and substructure (Jacket, TLP, FPSO, Semi-sub etc.), onshore processing facilities.

Category No: DEV/COMN/2016/2 for Design Competition for Concept & FEED for field development of deep water discovery, followed by offer for turnkey contract.

➤ **Scope**

FEED studies may be awarded to the selected bidders possessing relevant experience and willing to undertake execution of complete development of Deep Water Fields.

Upon completion of the FEED Studies, the aforesaid selected bidders would be required to submit a EPC bid including firm pricing for carrying out the development of Field, which shall include the following: -

- (i) Design, Engineering, Procurement, Supply, Installation, Testing & Pre-Commissioning of entire Subsea Hardware including X-Mas Trees, Subsea Structures, Subsea Control System, Tie-in systems, subsea valves, HIPPS etc. including all accessories and related components;
- (ii) Design, Engineering, Procurement, Supply, Installation, Testing & Pre-Commissioning of Umbilicals, Risers (Flexible/Rigid), Flow Lines / Pipe Lines (flexible/rigid), etc. including accessories and all related components;
- (iii) Brownfield modifications of existing offshore facilities;
- (iv) Project Management and Interface Management on single point responsibility basis.

If a vendor does not possess the relevant experience on its own, EOI may be submitted by a joint venture / consortium of experienced subsea hardware supplier and EPIC contractor.

➤ **Bidding Entity shall submit:**

- Details of experience in carrying out Front End Engineering & Design for offshore oil & gas fields in deep waters in the last 10 years. The details of experience to be provided in the tabular format given below, along with information on facilities e.g. subsea production system, subsea control system, HIPPS, umbilicals, risers, flow-lines, offshore processing facilities including topside and substructure (Jacket, TLP, FPSO, Semi-sub etc.), onshore processing facilities.
- Details of experience in carrying out Flow Assurance Studies for offshore oil & gas fields in deep waters in the last 10 years. The details of experience to be provided in the tabular format given below, along with information on aspects covered in the studies.
- Details of experience in supplying each type of subsea hardware in the past 10 years for deep water oil and gas projects in water depths ranging from 100 m to 2500 m. Details shall include quantity of each type of subsea hardware supplied indicating the installed water depth, client name, project name, contract value, year of operation / delivery etc. as a minimum.
- The bidding entity shall also provide the details of the manufacturing locations and total manufacturing capacity for each type of subsea hardware.
- Details of experience in past 10 years in executing EPIC (Engineering, Procurement, Installation and Commissioning) projects for deep water field development.
- Name & Location of the bidding entity and its consortium members.
- Profile of the bidding entity, its consortium members and the respective parent company(ies), if any, including the following:
 - Overall organization chart for FEED stage;
 - Details of office facilities available for FEED stage;
- Details of resources available for FEED;
- Details of resources available for the execution stage i.e.
 - (a) Project Management, Engineering and detail design;
 - (b) Installation vessels (Pipe-lay, umbilical laying, MSVs, HLVs, DSVs, etc.)
 - (c) Fabrication facilities;
 - (d) Testing, Pre-Commissioning and Commissioning;
- CVs of key technical personnel proposed for FEED;
- Updated workload chart for the proposed locations illustrating current commitments, future anticipated workload and available capacity.
- Audited financial results (Balance Sheet) of the proposed bidding entity, its members and the respective parent company (ies), if any, for the last five years.
- Health, Safety, Environment (HSE) Management System along with HSE track record of the proposed bidding entity and its members.
- Quality Assurance System along with valid ISO 9001 certification of the proposed bidding entity, its members and the respective parent company (ies) (if any).
- Any other information considered relevant by the bidding entity.

Contractor's Experience for Conceptual Engineering, FEED & EPIC							
Project Name & Location	Field Water Depth (m)	Name of the Field Operator	Name of the Client	Location of Contractor's office responsible for Work	Date of Start & Completion of Work	Order Value	Details of Contractor's Scope of Work
A. Contractor's Experience in carrying out Conceptual Engineering							
							(Please see Note)
B. Contractor's Experience in carrying out FEED							
							(Please see Note)
C. Contractor's Experience in carrying out Flow Assurance Studies							
D. Contractor's Experience in executing EPIC projects							

Note:

Contractor shall furnish details of the scope carried out for each element e.g. subsea production system, subsea control system, umbilicals, risers, flow-lines, offshore processing facilities including topside and substructure (Jacket, TLP, FPSO, Semi-sub etc.), onshore processing facilities.

Contractor's Experience for Supply of Subsea Hardware									
Name of the Hardware	Project Name & Location	Field Water Depth (m)	Name of the Client	Manufacturing Location	Quantity supplied	Contract Value	Year of Delivery	Year of Operation	Short description of the Hardware

B] For Block No. KG-DWN-98/3 (KG-D6)

Reliance Industries Limited (RIL), as operator, on behalf of itself & its co-venturers BP Exploration (Alpha) Limited and Niko (NECO) Limited invites Expression of Interest (EOI) from reputed and experienced Contractors/Vendors for following category, for Deep-water Block No. KG-DWN-98/3 (KG-D6) in East coast of India:

CATEGORY NO	CATEGORY DESCRIPTION
OAM/KGD6/2016/1	All Operation and maintenance related Services (including Administrative related services), Equipment and Materials

Category No: OAM/KGD6/2016/1 for All Operation and maintenance related Services (including Administrative related services), Equipment and Materials

➤ **Scope**

Supply of Equipment, Materials and services (including Administrative related services) for Operations and maintenance.

➤ **Contractor/Vendor shall submit:**

- List of similar contracts executed in the last 10 years with certificates from the clients including man-hours, contract value, client details and salient features of the work executed for service category. Please attach the details with complete technical information and appropriate certification / documentation.
- Previous experience of Supply of respective supply category in the last 10 years.
- Details of Equipment/ Resources directly owned and details of key technical personnel/ organization chart.
- Company profile and audited financial results (balance sheet) for last five years.
- Details of present work commitments or anticipated work.
- Brief on Health, Safety, Environment and Quality Assurance systems followed along with track record for last three years and any relevant certification.
- Any other relevant information that will establish that Contractor/Vendor is a competent equipment/material/service provider.
- Contractor providing services must be Regd. with labor department, EPF Office, Service Tax Authorities etc. and should be a regular assessor of Income Tax.

Contractors/Vendors are requested to respond to one or more of following sub-categories:

CATEGORY NO	CATEGORY DESCRIPTION
OAM/KGD6/2016/1.1	Medical & Support Services.
OAM/KGD6/2016/1.2	Services for Operation & Maintenance of Information Technology Assets.
OAM/KGD6/2016/1.3	Services for Operation and Maintenance of Guest House.
OAM/KGD6/2016/1.4	Services for Housekeeping and Catering at Offshore platform (CRP).
OAM/KGD6/2016/1.5	Services for providing Industrial Canteen Facility.
OAM/KGD6/2016/1.6	Services for Maintenance of Mechanical Equipment & Systems (Rotary & Static).
OAM/KGD6/2016/1.7	Services for Maintenance of Electrical Equipment & Systems.
OAM/KGD6/2016/1.8	Services for Maintenance of Instrumentation Systems.
OAM/KGD6/2016/1.9	Services for Building Maintenance and Associated Civil Construction & Maintenance jobs.
OAM/KGD6/2016/1.10	Services for Fabrication of Piping & Structural Works.
OAM/KGD6/2016/1.11	Services for Industrial Plant Painting Jobs.
OAM/KGD6/2016/1.12	Services for Operation & Maintenance of HVAC Equipment & its associated ancillary Systems.
OAM/KGD6/2016/1.13	Services for Maintenance of Package A/Cs and Domestic A/Cs
OAM/KGD6/2016/1.14	Services for Operation & Maintenance of Water treatment and Purification Plant such as ETP, STP, Desalination, Fire Water System etc.
OAM/KGD6/2016/1.15	Services of Material Handling Equipment such as Crane, Hydra crane, Fork lift, Trailers , Trucks and Pickup vans etc.
OAM/KGD6/2016/1.16	Services for Operation & Maintenance of Fire Station.
OAM/KGD6/2016/1.17	Supply of different types of chemicals used in Oil & Gas Industry such as Production Chemicals, Chemicals used in Storage Tanks, Chemicals used for prevention of scaling, prevention of corrosion, prevention of wax formation, flow improvers, anti-bacterial, emulsifiers, de-emulsifiers, flocculants etc. for both Offshore & Onshore application.
OAM/KGD6/2016/1.18	Supply of Aviation Turbine Fuel Jet 1 Grade, used in the Helicopter operation (Air logistic) at Gadimoga onshore terminal
OAM/KGD6/2016/1.19	Services for Bulk Liquid Transportation of Condensate/ other Hydro Carbons.

OAM/KGD6/2016/1.20	Services for Employee transportation services through A/C buses / LMVs
OAM/KGD6/2016/1.21	Services for Integrated facility management
OAM/KGD6/2016/1.22	Services for Green belt maintenance and horticulture works
OAM/KGD6/2016/1.23	Supply of soil for horticulture and other purposes

The above information for all the categories is to be submitted in the Summary Sheet as given below.

CONTRACTOR'S/VENDOR'S DETAILS	
Name of the Company	
EOI Ref.	
EOI Date.	
Key Contact Details Name: Tel No: Email:	

SUMMARY SHEET

[TO BE SUBMITTED ON A CD/DVD & TWO HARD COPIES]

Category / Sub-category No.	Category of Equipment / Materials / Services	Broad Specifications / details of Equipment / Vessel / Resources (as applicable)	Contractor's / Vendor's past performance and supply record	List of major clients (covering Projects of preceding years, as applicable including ongoing projects)	Approx. value of Contracts	Contract period	Company profile	Certificates API / ISO or others as applicable & validity (attach copies)

Note: Preference will be given to ISO certified Organisations.

Interested Contractors/Vendors are requested to submit their Expression of Interest (hard copies in duplicate along with electronic copy on CD/DVD) with all details through courier / post and also through e-mail on deveioresponse.eandp@ril.com, on or before 29th April 2016. The envelope should be superscribed as RIL/E&P/EOI/2016/01 along with category number.

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