



**RELIANCE INDUSTRIES LIMITED**  
**Petroleum Business (E&P)**  
**Notice Inviting Expression of Interest**  
**(RIL/E&P/EOI/2018/04)**  
**(Under International Competitive Bidding)**

**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 for following categories, for Deep-water Block No. KG-DWN-98/3 (KG-D6) in East coast of India:

<b>CATEGORY NO</b>	<b>CATEGORY DESCRIPTION</b>
<b>DEV/KGD6/2018/1</b>	Supply of a Production System Simulator (PSS).
<b>DEV/KGD6/2018/2</b>	Supply of Diver & ROV Installable Clamp for Repair of Shallow/ Deepwater Subsea Pipelines Pin Hole Leak with Installation Aid & Testing Kit
<b>DEV/KGD6/2018/3</b>	Intelligent Pigging of 24" Gas trunk lines located at onshore and offshore using Inline inspection tools
<b>DAC/KGD6/2018/1</b>	Conveyance systems for Wireline Logging

Interested Contractors are requested to visit our website [www.ril.com](http://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](mailto:deveioresponse.eandp@ril.com), on or before 9<sup>th</sup> July 2018. The envelope should be superscribed as RIL/E&P/EOI/2018/04 along with category number.

**Address for Communication:**

Chief – 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](mailto:deveioresponse.eandp@ril.com)  
CIN: L17110MH1973PLC019786

**Further details on the above requirements are as below:-**

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**Category No: DEV/KGD6/2018/1 for Supply of a Production System Simulator (PSS).**

➤ **Scope**

Supply of Production System Simulator (PSS) including all the hardware & software for multiphase flow applications for deep water oil and gas projects.

The PSS shall include following as a minimum:

- Dynamic simulator model including subsea wells, multiphase pipelines/risers and process facilities;
- Real time model system for online monitoring of slugs, liquid management, inhibitor tracking, etc.;
- Look ahead predictive model ;
- Instrumentation condition monitoring;
- Offline planning / training simulator;
- Operational planning;
- Optimisation.

➤ **Contractor shall submit:**

- Details of experience in providing Production System Simulator (PSS) in the last 10 years for deep water fields.
- Details of resources available and details of key technical personnel / organization chart.
- Details of present work commitments and anticipated work load.
- Company Profile and audited financial results (Balance Sheet) for last five years.
- Brief on Health, Safety, Environment (HSE) and Quality Assurance systems followed for last three years and any relevant certification.
- Any other relevant information that will establish that Contractor is a competent system supplier.

**Category No: DEV/KGD6/2018/2 for Supply of Diver & ROV Installable Clamps, rated for sour service with Installation aid and Testing Kit, required for Carbon Steel Pipelines**

➤ **Scope**

Supply of Diver & ROV Installable Clamps, rated for sour service with Installation aid and Testing Kit, required for Carbon Steel Pipelines, designed to DnV SAWL1FD 450 rated for 233 bar.

Diver & ROV types of clamps for 24" Trunk line (3 LPE with Concrete coating at shallow water and 3LPE Coating till 1000m water depth) and ROV clamps for 16" flow line (3LPE coating from 500 - 1000m water depth).

➤ **Contractor shall submit:**

- Experience in supplying Diver / ROV Installable Clamps for deep water offshore Subsea facilities in the last 10 years. The details of experience to be provided as per Format given below
- Name & Location of the proposed bidding entity
- Contractor to specify quantity of Diver Installable Clamps supplied, Type of Clamp, Sizes, indicating the installed water depth
- Contractor to specify quantity of ROV Installable Clamps supplied up to 1000m water depth, Type of Clamp, Sizes, indicating the installed water depth
- Specification / Datasheet / Qualification details of Diver / ROV Installable Clamp 24" & 16" suitable for repair of Pin-Hole Leak
- Details for Installation Aid / Testing Kits etc., Pipeline preparation as required
- Present Work Commitment and anticipated Work Load, Details of manufacturing locations and lead time to supply Clamps
- Company profile and audited financial results for last five years
- Brief on Health, Safety, Environment and Quality Assurance System followed along with track record for last five years and all relevant certification
- Any other relevant information which will establish the contractor as a competent subsea equipment supplier
- Minimum maintenance required for long term storage of clamp

<b>Contractor's Experience in Supply of Diver &amp; ROV Installable Clamp for Repair of Shallow / Deepwater Subsea Pipelines – Pin Hole Leak with Installation Aid &amp; Testing Kit</b>							
Project Name & Location	Name of the Client	Location of Contractor's office responsible for Work	Supplied / Installed Hardware	Diver / ROV	Size, Type & Water Depth	Pressure Rating / Service	Details of Contractor's Scope of Work
Please see Note							

**Note:**

Contractor shall furnish details of scope of work performed in respect of supply of Diver / ROV Installable Clamp for Pipeline Repair such as Type of Leak, Repair Methodology, Installation aid, Testing performed, Qualification test if any, Deployment methodology, pipeline preparation etc.

**Category No: DEV/KGD6/2018/3 for Intelligent Pigging of 24" Gas trunk lines, located onshore and offshore, using Inline inspection tools**

➤ **Scope**

- To conduct corrosion monitoring survey utilizing High resolution MFL type instrumented Pig (Intelligent Pig) for 24" Gas Trunk Line (Carbon Steel Pipeline designed to DnV

SAWL1FD 450) from Onshore Terminal / Offshore Control & Riser Platform to Deepwater Manifold (Round Trip) / Onshore Terminal in order to obtain accurate pipeline assessment.

➤ **Contractor shall submit:**

- Experience in execution of Intelligent Pigging in upstream Oil & Gas in the last 10 years
- Clients details including Field/ Asset / Facility
- Type of pipeline (onshore/ subsea) & Pipeline Details such as material, size, length and water depth
- Inspection Technologies used
- Description of services provided
- Office Location
- Availability of Competent manpower
- Details of all equipment and their availability
- Company profile and audited financial results for last five years.
- Present work commitments and anticipated work.
- Brief on HSE (Health, Safety, Environment) and Quality Assurance systems
- Any other relevant information proving the competence of the Contractor

**Category No: DAC/KGD6/2018/3 for Conveyance systems for Wireline Logging**

➤ **Scope**

Provide Roller / Wheel based conveyance systems, hole-finders and associated accessories to address limitations of wireline logging in challenging open-hole conditions.

➤ **Contractor shall submit:**

- Details of contracts executed in preceding five years including client contact details (Please attach the details with complete technical information and appropriate certification / documentation).
- Details/ Technical specifications of Equipment/ Resources directly owned and details of competent technical personnel/ organization chart.
- Company profile and audited financial results (balance sheet) for last five years.
- Details of present work commitments and anticipated workload.
- 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 is a competent service provider.

The contact details and experience information are to be submitted in the format given below:

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

**SUMMARY SHEET**

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

Category/ Sub- category No.	Category of Equipment/ Materials/ Services	Broad specifications/ details of equipment/ system/ resources (as applicable)	Contractor's past performance and supply record	List of major clients (covering projects of preceding years, as applicable incl. on- going projects)	Approx. value of Contracts	Contract period	Company profile	Certificates API/ ISO or others as applicable & validity (attach copies)

Interested Contractors 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](mailto:deveioresponse.eandp@ril.com), on or before 9<sup>th</sup> July 2018. The envelope should be superscribed as RIL/E&P/EOI/2018/04 along with category number.

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CIN: L17110MH1973PLC019786