



RELIANCE INDUSTRIES LIMITED

Petroleum Business (E&P)

Notice Inviting Expression of Interest
(RIL/E&P/EOI/2013/01)

(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, Niko (NELPIO) Limited and Hardy Exploration & Production (India) Inc. invites Expression of Interest (EOI) for the blocks acquired under NELP-I, NELP-II, NELP-III and NELP-V from reputed and experienced Contractors for following categories:

CATEGORY NO	CATEGORY DESCRIPTION
DAC/COMN/2013/1	Supply of Equipment, Materials and Services for Drilling and Completion
GAG/COMN/2013/2	Geophysical and Seismic Services
DEV/COMN/2013/3	Design and Supply of flexible pipes and associated accessories including technical support during installation and commissioning

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) for Deep-water Block No. KG-DWN-98/3 (KG-D6) in East coast of India from reputed and experienced Contractors for following categories:

CATEGORY NO	CATEGORY DESCRIPTION
DEV/KGD6/2013/1	Design, Engineering, Supply, Transportation, Installation Supervision, Testing, Pre-commissioning and Commissioning of Process Chiller Package of 600 KW cooling duty.
DEV/KGD6/2013/2	Design, Engineering, Supply, Transportation, Installation supervision, Testing, Pre-commissioning and Commissioning of Anaerobic Biological Treatment System (Effluent Treatment Plant - ETP) for treatment of Brine having high MEG (Mono Ethylene Glycol) content as impurity generated from MEG Regeneration & Reclamation plant, using Anaerobic Digester and up-gradation / modification of existing ETP (Aerobic Biological Treatment).

Interested Contractors 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) with all details through courier / post and also through e-mail on deveioresponse.eandp@ril.com, on or before 1st July, 2013. The envelope should be superscribed as RIL/E&P/EOI/2013/01 along with category number.

Address for Communication:

Sr. 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

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

CATEGORY NO	CATEGORY DESCRIPTION
DAC/COMN/2013/1	Supply of Equipment, Materials and Services for Drilling and Completion
GAG/COMN/2013/2	Geophysical and Seismic Services
DEV/COMN/2013/3	Design and Supply of flexible pipes and associated accessories including technical support during installation and commissioning

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

Category No: DAC/COMN/2013/1 for Supply of Equipment, Materials and Services for Drilling and Completion

➤ **Scope**

Supply of Equipment, Materials and services for Drilling and Completion.

➤ **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 of Equipment/Resources directly owned and details of key technical personnel/ organization chart.
- Company profile and audited financial results (balance sheet) for last three years.
- Details of present work commitments or anticipated work.
- Brief on Health, Safety, Environment and Quality Assurance systems followed for last three years.
- Any other relevant information that will establish that Contractor is a competent equipment/material/service provider.

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

DAC/COMN/2013/1	Description of Service	Reference No.
All Drilling & Completion Related Services, Equipment And Materials for Development Drilling & Completion	1. New Generation Floaters (Drill ships / Semi)	DAC/COMN/2013/1.1
	2. Jack-up Rigs	DAC/COMN/2013/1.2
	3. Drilling & Fluid Engineering & Maintenance - WBM / SBM / OBM	DAC/COMN/2013/1.3
	4. Electro logging Services	DAC/COMN/2013/1.4
	5. Solid control equipment & services (Including Filtration)	DAC/COMN/2013/1.5
	6. Cementing Equipment, Hardware, Chemical, Additives and Services	DAC/COMN/2013/1.6
	7. Fishing / Milling / Abandonment	DAC/COMN/2013/1.7
	8. Formation Evaluation & Coring	DAC/COMN/2013/1.8
	9. Down-hole motors & Directional Drilling & MWD / LWD Services.	DAC/COMN/2013/1.9
	10. Drilling tools	DAC/COMN/2013/1.10
	11. Casing / Tubing running equipment and services.	DAC/COMN/2013/1.11
	12. Stimulation & Coil tubing services.	DAC/COMN/2013/1.12
	13. Slick-line service.	DAC/COMN/2013/1.13

DAC/COMN/2013/1	Description of Service	Reference No.
	14. Hiring of OSVs with / without DP.	DAC/COMN/2013/1.14
	15. Hiring of PSVs with / without DP.	DAC/COMN/2013/1.15
	16. Hiring of DSVs with / without DP.	DAC/COMN/2013/1.16
	17. Hiring of MSVs with / without DP.	DAC/COMN/2013/1.17
	18. Hiring of AHTS with / without DP.	DAC/COMN/2013/1.18
	19. Hiring of Patrol or Security Boats with / without DP.	DAC/COMN/2013/1.19
	20. Operation & Maintenance of Helicopter	DAC/COMN/2013/1.20
	21. Rig positioning, Current measurements & Site Surveys.	DAC/COMN/2013/1.21
	22. ROV Services.	DAC/COMN/2013/1.22
	23. Casings / Tubings & Accessories	DAC/COMN/2013/1.23
	24. Hole Enlargement Services	DAC/COMN/2013/1.24
	25. Liner Hangers & Packers	DAC/COMN/2013/1.25
	26. Drill Bits (Roller / PDC / Diamond) / Hole Openers / Reamers / Stabilizers	DAC/COMN/2013/1.26
	27. Drilling Fluid Materials & Additives	DAC/COMN/2013/1.27
	28. Oil Well Cement & Additives	DAC/COMN/2013/1.28
	29. Mudline Suspension systems	DAC/COMN/2013/1.29
	30. Near balance Drilling Services	DAC/COMN/2013/1.30
	31. Operation, House-keeping, Maintenance and Management of Supply base facilities and infrastructure	DAC/COMN/2013/1.31
	32. CHA services	DAC/COMN/2013/1.32
	33. Freight forwarding services	DAC/COMN/2013/1.33
	34. Transportation Services	DAC/COMN/2013/1.34
	35. Hiring of P&M for shore base	DAC/COMN/2013/1.35
	36. Fuel Supply (HSD, HF-HSD, LDO, ATF, Bio Diesel) for Vessels, Rigs & Helicopters	DAC/COMN/2013/1.36
	37. Supply of Mudmats	DAC/COMN/2013/1.37
	38. DKD / MOTF Services	DAC/COMN/2013/1.38
	39. Geotechnical/ Soil Investigation	DAC/COMN/2013/1.39
	40. Nitrogen Services	DAC/COMN/2013/1.40
	41. Sand Control Services	DAC/COMN/2013/1.41
	42. Wellbore Surveys	DAC/COMN/2013/1.42
	43. Weather forecasting Services	DAC/COMN/2013/1.43
	44. Mud logging Services	DAC/COMN/2013/1.44
	45. H2S Services	DAC/COMN/2013/1.45
	46. DST Services	DAC/COMN/2013/1.46
	47. PVT sampling	DAC/COMN/2013/1.47
	48. Rig positioning QC services	DAC/COMN/2013/1.48
	49. Diving services	DAC/COMN/2013/1.49
	50. Communication Equipment	DAC/COMN/2013/1.50
	51. Any Specialized Services for HP/HT wells	DAC/COMN/2013/1.51
	52. Services of High Pressure pumps/ Kill pumps	DAC/COMN/2013/1.52
	53. Disposal of Hazardous and/or Dangerous goods (incl. drilling waste)	DAC/COMN/2013/1.53
	54. Services of Mud Cooler	DAC/COMN/2013/1.54
	55. Supply of MEG	DAC/COMN/2013/1.55
	56. A) Agencies providing Expat & Indian personnel for position of drilling supervisors, well completion engineer, Subsea supervisors, RIG positioning QC services, well site geologist, consultancy services and any other category of personnel required in E&P Business.	DAC/COMN/2013/1.56/A
	56 B) Agencies providing Indian personnel for plant supervision, operation, Assistant for IT jobs, assistance for operation of shore base and warehouses, assistance in facility management, Technicians, LAQ field officer, Radio operator, SAP professionals, AutoCAD Draughtsman, Document controller and any other categories required for operation of	DAC/COMN/2013/1.56/B

DAC/COMN/2013/1	Description of Service	Reference No.
	E&P business	
	57. Rotary Steerable System services	DAC/COMN/2013/1.57
	58. Turbo drill services	DAC/COMN/2013/1.58
	59. Geophysical and pre drilling site surveys including side scan and sector scan sonar survey.	DAC/COMN/2013/1.59
	60. In situ internal casing isolation system	DAC/COMN/2013/1.60
	61. Reservoir estimation	DAC/COMN/2013/1.61
	62. Geo-mechanical study	DAC/COMN/2013/1.62
	63. Hiring of Helicopter services	DAC/COMN/2013/1.63
	64. Helicopter Safety & Maintenance Audit	DAC/COMN/2013/1.64
	65. Drilling Optimization Consulting (Drilling the Limit)	DAC/COMN/2013/1.65
	66. Mooring Analysis and Equipment	DAC/COMN/2013/1.66
	67. Vessel safety and condition Audit	DAC/COMN/2013/1.67
	68. Oil Spill response Services	DAC/COMN/2013/1.68
	69. Well Control Services	DAC/COMN/2013/1.69
	70. Supply of Surface wellheads, Subsea Wellheads and running tools	DAC/COMN/2013/1.70
	71. Supply of Mud tanks	DAC/COMN/2013/1.71
	72. Supply and fabrication of Equipment required for base operation.	DAC/COMN/2013/1.72
	73. Supply of cargo baskets, lifting shackles, steel pallets, cargo containers, etc.	DAC/COMN/2013/1.73
	74. Supply of Mobile Silos	DAC/COMN/2013/1.74
	75. Supply of solid expandable tubular & running Services	DAC/COMN/2013/1.75
	76. Supply of Safety Equipment	DAC/COMN/2013/1.76
	77. Supply of H2S Detection system	DAC/COMN/2013/1.77
	78. Supply of Bulk handling plant.	DAC/COMN/2013/1.78
	79. Riser and conductor analysis	DAC/COMN/2013/1.79
	80. NDT/Inspection services (incl. MPI & Load test services)	DAC/COMN/2013/1.80
	81. Hospitality Services	DAC/COMN/2013/1.81
	82. Marine environmental hind casting studies	DAC/COMN/2013/1.82
	83. Core Analysis & Formation Damage Studies	DAC/COMN/2013/1.83
	84. Laboratory Analysis :	DAC/COMN/2013/1.84
	a. Geochemical Analysis	
	b. Micro CT Scan	
	c. Biostratigraphy & Palaeontological Services	
	d. Sedimentology & Core Analysis Evaluation	
	e. Special Studies	
	85. Environment rapid risk assessment services	DAC/COMN/2013/1.85
	86. Vessel Tank cleaning services	DAC/COMN/2013/1.86
	87. Cutting Dryer System	DAC/COMN/2013/1.87
	88. Well Intervention Services	DAC/COMN/2013/1.88
	89. Toxicity testing of Drilling Mud (LC50)	DAC/COMN/2013/1.89
	90. Pre hire & Periodic Rig Inspection Services/ Safety and Condition Audit	DAC/COMN/2013/1.90
	91. Preset Mooring Equipment & Services	DAC/COMN/2013/1.91
	92. Manage Pressure while Drilling (MPD) Service	DAC/COMN/2013/1.92
	93. Under balance drilling (UBD) Service	DAC/COMN/2013/1.93
	94. Supply of Cross Link Polymer	DAC/COMN/2013/1.94
	95. Metocean Data Measurement and Real Time Data Measurement	DAC/COMN/2013/1.95
	96. Supply of Completion Equipment and Completion Services	DAC/COMN/2013/1.96
	97. Drilling & Completion of Multilateral Wells	DAC/COMN/2013/1.97
	98. Well intervention Tools	DAC/COMN/2013/1.98
	99. Hiring of warehouse and premises on rental basis.	DAC/COMN/2013/1.99

DAC/COMN/2013/1	Description of Service	Reference No.
	100.Hiring of storage facility for storing explosives near shore-base.	DAC/COMN/2013/1.100
	101.Inspection, Load Testing & Certification of Lifting Tools, Lifting / Hoisting Equipments	DAC/COMN/2013/1.101
	102.Threading, Gauging, Thread Inspection and Preservation of Casing, crossover & pup joints	DAC/COMN/2013/1.102
	103.Operation & Maintenance of Bulk Material Storage & Handling System (such as solids, Liquids, Waste etc.)	DAC/COMN/2013/1.103
	104.Operation & Maintenance of Material Handling Equipment	DAC/COMN/2013/1.104
	105.Supply of Potable / Drilling Water	DAC/COMN/2013/1.105
	106.Other Services which are not included above but required for drilling and completion jobs.	DAC/COMN/2013/1.106

Category No: GAG/COMN/2013/2 for Geophysical and Seismic Services

➤ **Scope**

Provide geophysical and seismic services for marine/land/air applications.

➤ **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 of Equipment/Resources directly owned and details of key technical personnel/ organization chart.
- Company profile and audited financial results (balance sheet) for last three years.
- Details of present work commitments or anticipated work.
- Brief on Health, Safety, Environment and Quality Assurance systems followed for last three years.
- Any other relevant information that will establish that Contractor is a competent equipment/material/service provider.

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

GAG/COMN/2013/2	Description of Services	Reference No.
Geophysical & Seismic Services	Marine	
	1. 2D/3D/4D Seismic Data Acquisition with / without Onboard Processing.	GAG/COMN/2013/2.1
	2. 2D/3D/4D Seismic Data Onshore Processing / Time and Depth Processing / Velocity Modeling / Illumination Studies/ Depth conversion/ Advanced/ Special Processing/ AVO / Inversion / Rock Physics Modeling.	GAG/COMN/2013/2.2
	3. 2D/3D/4D Seismic Survey Designing and illumination studies.	GAG/COMN/2013/2.3
	4. Shipborne Gravity / Magnetic / Gradiometry Surveys with / without 2D / 3D Seismic Surveys.	GAG/COMN/2013/2.4
	5. Controlled Source Electromagnetic (Sea Bed Logging) Surveys, Processing & Interpretation.	GAG/COMN/2013/2.5
	6. Marine Magneto Telluric Surveys, Processing & Interpretation	GAG/COMN/2013/2.6
	7. Multi Transient Electro Magnetic Surveys, Processing & Interpretation.	GAG/COMN/2013/2.7
	8. OBC Multi Component Seismic Surveys, Processing & Interpretation.	GAG/COMN/2013/2.8
	9. Multibeam / Backscatter / Bathymetry / Predrill / Geo Hazard / 2D Hi- Res & other Surveys.	GAG/COMN/2013/2.9
	10. Integrated Interpretation Services.	GAG/COMN/2013/2.10
	Land	
	11. 2D/3D/4D Seismic Data Acquisition.	GAG/COMN/2013/2.11

12. 2D/3D/4D Seismic Data Onshore Processing / Time and Depth Processing / Velocity Modeling / Illumination Studies/ Depth conversion/ Advanced/ Special Processing/ AVO / Inversion / Rock Physics Modeling.	GAG/COMN/2013/2.12
13. 2D/3D/4D Seismic Survey Designing.	GAG/COMN/2013/2.13
14. Gravity / Magnetic / Gradiometry Surveys.	GAG/COMN/2013/2.14
15. Multi Transient Electromagnetic Surveys.	GAG/COMN/2013/2.15
16. Integrated Interpretation Services.	GAG/COMN/2013/2.16
Air	
17. Airborne Gravity / Magnetic / Gradiometry & other Surveys.	GAG/COMN/2013/2.17
Others	
18. Operational Seismic and Log Data Archival / transcription / tape copying.	GAG/COMN/2013/2.18
19. Large scale bit to bit Seismic & Log data transmission & copying using Industry Standard QC tools & Procedures.	GAG/COMN/2013/2.19
20. Provision of supply of QA / QC personnel for marine and land surveys for seismic, electromagnetic, multibeam etc.	GAG/COMN/2013/2.20
21. Provision of supply of QA / QC personnel / consultancy for Processing integrated interpretation etc.	GAG/COMN/2013/2.21
22. Establishing a corporate data store for petroleum E& P data.	GAG/COMN/2013/2.22
23. Gravity & Magnetic Data Processing for Onshore & Offshore Blocks	GAG/COMN/2013/2.23

Category No: DEV/COMN/2013/3 for Design and Supply of flexible pipes and associated accessories including technical support during installation and commissioning.

➤ **Scope**

Design and Supply of various types of flexible pipes along with all associated accessories (including end terminations) & tools for installation and operation for deep water oil and gas projects in water depths ranging from 100 m to 2500 m. This scope also includes supply of installation spares and maintenance support during the lifecycle of the field.

➤ **Contractor shall submit:**

- Details of experience in supplying each type of flexible pipes for transportation of well fluids in the past 10 years for deep water oil and gas projects in water depths ranging from 100 m to 2500 m. Contractor to quantify each type of flexible pipe supplied indicating the internal diameter, design pressure rating, installed water depth, quantity, type of end fittings, client name, project name, contract value, year of operation/delivery etc. as a minimum
- Details of experience in providing technical support during installation and commissioning, providing installation & operational spares, tools and maintenance support.
- Details of the Manufacturing locations and total annual manufacturing capacity for each type of flexible pipes.
- List of Key personnel along with CVs for Project Management, Procurement, Engineering, Interface Management, Manufacturing & testing of flexible pipes and associated accessories.
- 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 subsea flexible pipes supplier.

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) for Deep-water Block No. KG-DWN-98/3 (KG-D6) in East coast of India from reputed and experienced Contractors for following categories:

CATEGORY NO	CATEGORY DESCRIPTION
DEV/KGD6/2013/1	Design, Engineering, Supply, Transportation, Installation Supervision, Testing, Pre-commissioning and Commissioning of Process Chiller Package of 600 KW cooling duty.
DEV/KGD6/2013/2	Design, Engineering, Supply, Transportation, Installation Supervision, Testing, Pre-commissioning and Commissioning of Anaerobic Biological Treatment System (Effluent Treatment Plant - ETP) for treatment of Brine having high MEG (Mono Ethylene Glycol) content as impurity generated from MEG Regeneration & Reclamation plant, using Anaerobic Digester and up-gradation / modification of existing ETP (Aerobic Biological Treatment).

Category No: DEV/KGD6/2013/1 Design, Engineering, Supply, Transportation, Installation Supervision, Testing, Pre-commissioning and Commissioning of Process Chiller Package of 600 KW cooling duty.

➤ **Contractor shall submit:**

- Details of experience in providing Process Chiller Packages for oil & gas/ refinery/petroleum industries in the past ten years. Contractor to provide details of work executed along with salient feature of work viz. technical information and appropriate certification / documentation, order value & client contact details.
- Details of Equipment/Resources directly owned and details of key technical personnel.
- Company profile and audited financial results including Balance Sheet for last three years.
- Details of present work commitments or anticipated work.
- Brief on Health, Safety, Environment and Quality Assurance systems followed for last three years.
- Any other relevant information that will establish that Contractor is a competent equipment/ material/ service provider.

Category No: DEV/KGD6/2013/2 for Design, Engineering, Supply, Transportation, Installation Supervision, Testing, Pre-commissioning and Commissioning of Anaerobic Biological Treatment System (Effluent Treatment Plant - ETP) for treatment of Brine having high MEG (Mono Ethylene Glycol) content as impurity generated from MEG Regeneration & Reclamation plant, using Anaerobic Digester and up-gradation/modification of existing ETP (Aerobic Biological Treatment).

➤ **Contractor shall submit:**

- Details of experience in providing Anaerobic Biological treatment systems and carrying out ETP modifications for oil & gas/ refinery/petroleum industries in the past ten years. Contractor to provide details of work executed along with salient feature of work viz. technical information and appropriate certification / documentation, order value & client contact details.
- Details of Equipment/Resources directly owned and details of key technical personnel.
- Company profile and audited financial results including Balance Sheet for last three years.
- Details of present work commitments or anticipated work.
- Brief on Health, Safety, Environment and Quality Assurance systems followed for last three years.
- Any other relevant information that will establish that Contractor is a competent equipment/ material/ service provider.

The above information for all the categories is to be submitted in the Summary Sheet as 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 CD & TWO HARD COPIES]

Category/ Sub - category No.	Category of Equipment /Materials /Services	Broad Specifications/ details of Equipment/ Vessel/ Resources (as applicable)	Contractor'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 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) with all details through courier / post and also through e-mail on deveioresponse.eandp@ril.com, on or before 1st July, 2013. The envelope should be superscribed as RIL/E&P/EOI/2013/01 along with category number.

Address for Communication:

Sr. Vice President - Supply Chain Management,
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