



Reliance Industries Limited

Notice Inviting Expression of Interest

(RIL/E&P/EOI/2010/04)

(Under International Competitive Bidding)

A) Coal Bed Methane (CBM) Project

Reliance Industries Limited (RIL), as operator, invites Expression of Interest (EOI) for CBM blocks acquired under CBM Round – 1 and Round – 2 from reputed and experienced Contractors for following categories:

Category No	Category Description
DAC/CBM/2010/01	Supply of Equipment, Materials and related Services for Drilling and Completion of CBM Wells viz. tubulars, Downhole tools, OWC, Bits, Fishing tools, WH & X-mas trees, Proppant sand, Chemicals & Additives for Hydro fracturing , Sucker rod and accessories, Dewatering pumps, Artificial lift equipment, Rigs, Cementing, Testing, Completion, Coring, Casing running-in, Fishing services, Well stimulation, Hydro Fracturing etc.
GAG/CBM/2010/02	Supply of Equipment, Materials and related Services for G&G viz. Gas desorption lab equipment, GPS, Topographical survey equipment, Slimhole, open & cased hole geophysical logging and perforation, Ground magnetic, Aero magnetic, Topographical & Seismic survey etc.
OAM/CBM/2010/03	Supply of Equipment, Materials and related Services for Production of CBM Wells viz. Safety, relief & control valves, Pipes and fittings, Acidization, Production testing, Coil tubing, Slick line/Wire line, Mobile pumping unit & NDT services etc.
OTH/CBM/2010/04	Engineering, Reliability, Availability, Maintainability study & other studies, Project Management Consultancy and Certification Services.
SCM/CBM/2010/05	Plant & Machinery, Transportation, Helicopter, Material Handling Equipment, Warehousing and Logistics Services.
HSE/CBM/2010/06	Supply of Equipment, Material and related Services to HSE.
OTH/CBM/2010/07	Civil works, Catering, House keeping & Hospitality services.

ITE/CBM/2010/08	Equipment, Software/hardware & communication systems.
ADM/CBM/2010/09	Consultancy & Manpower Services for G&G, Drilling & Completion, Gas Based Facilities, Infrastructure & CBM Field Development.
DEV/CBM/2010/10	Supply of Equipment, Material and related Services for Electrical, Mechanical and Instrumentation for fabrication, erection, installation & commissioning of well site facilities and GGS, Compressor station, Pipe line, Office building, Industrial structures, Warehouse etc.
DEV/CBM/2010/11	Supply of Capital Equipment required for Development of CBM Wells viz. Drilling Rig and its auxiliary equipment, Hydro fracturing unit, Material handling Equipment, Mobile pumping unit etc.

B) Onland Blocks

Reliance Industries Ltd (RIL), as operator, on behalf of itself and its co-venturers i.e. Tullow India Operations Limited, Okland Offshore Holdings Limited, Oil and Natural Gas Corporation Limited and Hardy Exploration & Production (India) Inc., invites Expression of Interest (EOI) for the Onland blocks acquired under NELP - II and NELP - V and earlier exploration rounds from reputed and experienced Contractors for following categories:

Category No.	Category Description
GAG/COMN/2010/01	Supply of Equipment, Materials and related Services for G&G viz. Electrologging & Perforation, 2D/3D/4D-Seismic Data acquisition, processing, survey designing, PVT sampling & Lab analysis, Mud Logging, Reserves estimation services, etc.
OAM/COMN/2010/02	Supply of Equipment, Materials and related Services for Development and Production viz. Production testing, flow assurance, Oil tanker, EOR, design, engineering and fabrication of surface facilities, flowline/trunklines, GGS, EPS, CTF etc.
DAC/COMN/2010/03	Supply of Equipment, Materials, and related Services for drilling, completion and workover viz. tubulars, downhole tools, OWC, Bits, Fishing tools, WH & X-mas trees, Rigs, Cementing, Testing, Completion, Services and material for Artificial lift, Well activation, Stimulation services, Chemicals and materials including proppant sand, Direction Drilling, MWD, LWD, DST, Well control, Drilling Optimization services etc.
ITE/COMN/2010/04	Supply of Equipment, software/hardware and IT communication systems.
SHB/COMN/2010/05	Supply of Equipment, Materials and related Services for HSE, Logistics, Communication and Support etc.

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 Post / Courier and also through e-mail before 21st July, 2010. The Contractors who had earlier submitted their Expression of Interest for similar categories are also required to submit their Expression of Interest The envelope should be superscribed as **RIL/E&P/EOI/2010/04** along with category number.

Address for Communication:

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A) Coal Bed Methane (CBM) Project

Reliance Industries Limited (RIL), as operator, invites Expression of Interest (EOI) from reputed and experienced contractors/ suppliers/ consultants for the supply of material and services for CBM blocks acquired under CBM Round -1 Round -2 formulated by the Government of India.

The CBM blocks are located at in the states of Madhya Pradesh, Chhatisgarh and Rajasthan in India. RIL envisages drilling of approximately 100 number of production/test wells per year in next 5 years time period with target depth ranging from 700 to 1700 meters.

Category No	Category Description
DAC/CBM/2010/01	Supply of Equipment, Materials and related Services for Drilling and Completion of CBM Wells viz. tubulars, Downhole tools, OWC, Bits, Fishing tools, WH & X-mas trees, Proppant sand, Chemicals & Additives for Hydro fracturing , Sucker rod and accessories, Dewatering pumps, Artificial lift equipment, Rigs, Cementing, Testing, Completion, Coring, Casing running-in, Fishing services, Well stimulation, Hydro Fracturing etc.
GAG/CBM/2010/02	Supply of Equipment, Materials and related Services for G&G viz. Gas desorption lab equipment, GPS, Topographical survey equipment, Slimhole, open & cased hole geophysical logging and perforation, Ground magnetic, Aero magnetic, Topographical & Seismic survey etc.
OAM/CBM/2010/03	Supply of Equipment, Materials and related Services for Production of CBM Wells viz. Safety, relief & control valves, Pipes and fittings, Acidization, Production testing, Coil tubing, Slick line/Wire line, Mobile pumping unit & NDT services etc.
OTH/CBM/2010/04	Engineering, Reliability, Availability, Maintainability study & other studies, Project Management Consultancy and Certification Services.
SCM/CBM/2010/05	Plant & Machinery, Transportation, Helicopter, Material Handling Equipment, Warehousing and Logistics Services.
HSE/CBM/2010/06	Supply of Equipment, Material and related Services to HSE.
OTH/CBM/2010/07	Civil works, Catering, House keeping & Hospitality services.
ITE/CBM/2010/08	Equipment, Software/hardware & communication systems.
ADM/CBM/2010/09	Consultancy & Manpower Services for G&G, Drilling & Completion, Gas Based Facilities, Infrastructure & CBM Field Development.
DEV/CBM/2010/10	Supply of Capital Equipment required for Development of CBM Wells viz. Drilling Rig and its auxiliary equipment, Hydro fracturing unit, Material handling Equipment, Mobile pumping unit etc.

DEV/CBM/2010/11	Supply of Equipment, Material and related Services for Electrical, Mechanical and Instrumentation for fabrication, erection, installation & commissioning of well site facilities and GGS, Compressor station, Pipe line, Office building, Industrial structures, Warehouse etc.
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The details of various categories for Equipment / Material / Services are as under:

A) DAC/CBM/2010/01: Supply of Equipment, Materials and related Services for Drilling and Completion of CBM Wells viz. tubulars, Downhole tools, OWC, Bits, Fishing tools, WH & X-mas trees, Proppant sand, Chemicals & Additives for Hydro fracturing , Sucker rod and accessories, dewatering pumps, artificial lift equipment, Rigs, Cementing, Testing, Completion, Coring, Casing running-in, Fishing services, Well stimulation, Hydro Fracturing etc.	
DAC/CBM/2010/1.1	Corehole Drilling Rig for drilling wells with air & fluid flush and HQ3/NQ3 Coring 1000 m & 1700 m capacity.
DAC/CBM/2010/1.2	Drilling rig for drilling corehole/test wells capable of drilling with air /fluid flush, 1000 m & 1700 m capacity.
DAC/CBM/2010/1.3	Cementing Services.
DAC/CBM/2010/1.4	Testing rig 1000 m & 1700 m capacity.
DAC/CBM/2010/1.5	Completion and workover rig 15 tons, 30 tons & 50 tons.
DAC/CBM/2010/1.6	Surface hole (12" to 14") drilling rig (air & fluid flush) and Cementing (grouting) Services up to 350 meters.
DAC/CBM/2010/1.7	Horizontal and Directional Drilling services including radial drilling, inseam drilling, etc.
DAC/CBM/2010/1.8	Cavity Completion Services including hiring of air package
DAC/CBM/2010/1.9	Fishing services.
DAC/CBM/2010/1.10	Mud engineering services.
DAC/CBM/2010/1.11	Coring services.
DAC/CBM/2010/1.12	Drilling rig for grouting false conductor.
DAC/CBM/2010/1.13	Casing running in services.
DAC/CBM/2010/1.14	Drilling bits and Coring bits.
DAC/CBM/2010/1.15	Tubular, Casing/Tubings, ERW pipes.
DAC/CBM/2010/1.16	Down hole Tools (open/cased hole- packers, bridge plugs, cement retainers, scrappers, under reamer, bicenter bits, stabilizers, x-overs etc.)
DAC/CBM/2010/1.17	Oil well cement, Portland cement, Cementing additives.
DAC/CBM/2010/1.18	Well Head & Christmas Trees, Casing head, Tubing head and valves & spares.
DAC/CBM/2010/1.19	Mud chemicals and additives.
DAC/CBM/2010/1.20	Casing accessories, float shoe, float collars, centralisers, plugs, ball & baffle, casing thread compound, cement basket, stage collar etc.
DAC/CBM/2010/1.21	Drilling spools, DSA, flanges, etc.
DAC/CBM/2010/1.22	HW /HQ rod/Liners.
DAC/CBM/2010/1.23	Fishing tools including left hand strings.
DAC/CBM/2010/1.24	All types of construction materials.
DAC/CBM/2010/1.25	Coring liners, core barrels and accessories.
DAC/CBM/2010/1.26	Hydro - fracturing services.
DAC/CBM/2010/1.27	O&M services for frac fleet.

DAC/CBM/2010/1.28	Well stimulation Services.
DAC/CBM/2010/1.29	Chemicals & additives for hydraulic fracturing including acid.
DAC/CBM/2010/1.30	Proppant sand for hydraulic fracturing (approx. Qty: 13,000 MT per year).
DAC/CBM/2010/1.31	Lining sheets, water pumps, hoses, etc.
DAC/CBM/2010/1.32	Sucker Rods, Pony Rods, Sucker rod guides, accessories & tools.
DAC/CBM/2010/1.33	Downhole sucker rod pumps/Progressive cavity pumps (PCPs) and accessories/Electrical submersible pumps (ESPs) and accessories.
DAC/CBM/2010/1.34	Sucker rod pumping unit and stuffing box, polished rods, polished rod liners, flow Tee, polished rod clamps & Accessories.
DAC/CBM/2010/1.35	Electronic Memory Gauges.
B) GAG/CBM/2010/02: Supply of Equipment, Material and related Services for G&G viz. Gas desorption Lab equipments, GPS, Topographical survey equipment, Slimhole, open & cased hole geophysical logging and perforation, Ground magnetic, Aero magnetic, Topographical & Seismic survey etc.	
GAG/CBM/2010/2.1	Slimhole geophysical logging.
GAG/CBM/2010/2.2	Open hole and cased hole geophysical logging and perforation.
GAG/CBM/2010/2.3	Coal analysis and CBM laboratory work with & without mobile lab facility.
GAG/CBM/2010/2.4	Ground magnetic survey.
GAG/CBM/2010/2.5	Seismic survey including shallow seismic survey.
GAG/CBM/2010/2.6	Aero magnetic survey.
GAG/CBM/2010/2.7	Reserve certification.
GAG/CBM/2010/2.8	Topographical survey, surface elevation and co-ordinate survey.
GAG/CBM/2010/2.9	GIP estimate.
GAG/CBM/2010/2.10	Operation and Maintenance of all types of equipment related to geology, geophysics and reservoir engineering.
GAG/CBM/2010/2.11	Well testing and analysis of data leading to estimation of coal bed reservoir properties viz permeability, reservoir pressure, skin etc.
GAG/CBM/2010/2.12	Gas desorption lab equipment.
GAG/CBM/2010/2.13	Quality control lab equipment including, gas chromatograph, turbidity meter, gas sampler, calorie meter, gas density meter, etc.
GAG/CBM/2010/2.14	GPS and Differential GPS.
GAG/CBM/2010/2.15	Topographical survey equipment.
GAG/CBM/2010/2.16	Field and laboratory equipment for G&G & reservoir engineering.
GAG/CBM/2010/2.17	Hiring of explosive van.
GAG/CBM/2010/2.18	Reservoir Monitoring system.
C) OAM/CBM/2010/03: Supply of Equipment, Material and related Services for Production of CBM Wells viz. safety relief & control valves, pipes and fittings, Acidization, Production testing, Coil tubing, Slick line/Wire line, Mobile pumping unit & NDT services etc.	
OAM/CBM/2010/3.1	Acidisation services.
OAM/CBM/2010/3.2	Mobile water tanker services.
OAM/CBM/2010/3.3	Hiring of Diesel, Dual Fuel and Gas based Generation Sets including operation and maintenance.
OAM/CBM/2010/3.4	Slick Line/ Wire line services.
OAM/CBM/2010/3.5	Hiring of Goods, Equipment and Materials like Pumps, Air Compressors etc including accessories required at various bases and sites.

OAM/CBM/2010/3.6	Supply of Fuel (LDO/HSD/HF-HSD) and related services at various bases and sites.
OAM/CBM/2010/3.7	Supply of Lubricants and related services at various bases and sites.
OAM/CBM/2010/3.8	Production Testing Services.
OAM/CBM/2010/3.9	Coil tubing services.
OAM/CBM/2010/3.10	NDT (Non Destructive Testing) services.
OAM/CBM/2010/3.11	Operation and maintenance of CBM wells by providing manpower, equipment and spares.
OAM/CBM/2010/3.12	Mobile pumping unit services.
OAM/CBM/2010/3.13	Workshop facility and its operation and maintenance.
OAM/CBM/2010/3.14	O&M of surface facilities by providing manpower.
OAM/CBM/2010/3.15	Acoustic Fluid Level measuring Instrument.
OAM/CBM/2010/3.16	Flow and control Instrumentation, orifice plate assembly, instrument tube fittings & valves etc
OAM/CBM/2010/3.17	Supply of all kind of Water flow meters.
OAM/CBM/2010/3.18	Supply of all kind of Gas Flow meters (V cone, Coriolis, Orifice etc).
OAM/CBM/2010/3.19	Supply of all kind of control valves (PCV/PRV/Solenoid/Severe Control/Dump/HIPPS).
OAM/CBM/2010/3.20	Supply of safety relief valves.
OAM/CBM/2010/3.21	Supply of level operated valves and dump valves for separator drain.
OAM/CBM/2010/3.22	Supply of earthing materials.
OAM/CBM/2010/3.23	All types of Line pipes, ERW Pipes and Pipe fittings.
OAM/CBM/2010/3.24	Supply of Poly Ethylene (PE) Pipes & fittings.
OAM/CBM/2010/3.25	Supply of GRE pipes & fittings.
OAM/CBM/2010/3.26	Supply and Installation of Flare Package.
OAM/CBM/2010/3.27	Supply and Installation of Nitrogen/CO2 Generation Package.
OAM/CBM/2010/3.28	Supply and Installation of Liquid Nitrogen- Storage and vaporisation System.
OAM/CBM/2010/3.29	SCADA /Remote Terminal Unit system.
OAM/CBM/2010/3.30	Supply of Batteries.
OAM/CBM/2010/3.31	Supply of high mast lighting system.
OAM/CBM/2010/3.32	Supply of all types of Lubricants.
OAM/CBM/2010/3.33	Supply of all types of Chemicals for Utility Systems.
OAM/CBM/2010/3.34	Supply of MEG/TEG.
OAM/CBM/2010/3.35	Supply of different grades and sizes of electrodes, Fluxes, Welding, Shielding & cutting gases and Welding & cutting accessories etc.
OAM/CBM/2010/3.36	Supply of material handling tools, Slings, Wire, Ropes, Chains, Jacks, Pulleys etc.
OAM/CBM/2010/3.37	Flanges, Reducers, X -Overs, studs, Nuts & bolts, Gaskets etc.
OAM/CBM/2010/3.38	All light fixtures & fittings, Lightings fixtures, Junction box & Switches including flame proof.
OAM/CBM/2010/3.39	Gas and water composition analysis Instrument/Laboratory equipment.
OAM/CBM/2010/3.40	PE fittings and PE electrofusion / Buttfusion machines & tools.
OAM/CBM/2010/3.41	Supply of pressure gauges, Temperature gauges, Level gauges, Pressure transmitters, Temperature transmitters, Level transmitters.
OAM/CBM/2010/3.42	Chickson pipes, bends, swivels, quick couplers, hammer unions etc.
OAM/CBM/2010/3.43	Supply of all types of laboratory equipment and Instruments.

OAM/CBM/2010/3.44	Supply of tank breather valves/vent valves.
OAM/CBM/2010/3.45	Supply of ON/OFF valves (Motor Operated/ Actuator Controlled).
OAM/CBM/2010/3.46	Inspection and NDT of casing pipes, tubing and other drilling stores.
OAM/CBM/2010/3.47	Training of manpower , supply of Periodicals, Literature and books
OAM/CBM/2010/3.48	Hanger support & U Bolts.
OAM/CBM/2010/3.49	Alarm valve with retarding chambers and water gong.
OAM/CBM/2010/3.50	Blast resistant doors.
OAM/CBM/2010/3.51	Fireproofing material
OAM/CBM/2010/3.52	D.M. water package.
OAM/CBM/2010/3.53	Packing materials, Tarpaulins, PVC/GI sheets.
D) OTH/CBM/2010/04: Engineering, Reliability, Availability, Maintainability study & other studies, Project Management Consultancy and Certification Services.	
OTH/CBM/2010/4.1	Conceptual Studies and Front End Engineering Design for field development.
OTH/CBM/2010/4.2	Detailed Engineering of field development including associated Onshore facilities.
OTH/CBM/2010/4.3	Project Management Consultancy Services.
OTH/CBM/2010/4.4	Services of System Integrator and Technology Partner for delivery of IT solutions and Technology Implementation to CBM Business.
OTH/CBM/2010/4.5	Design Review, Appraisal, Certification and Verification Agency for Onshore facilities.
OTH/CBM/2010/4.6	Reliability, Availability, Maintainability Studies.
OTH/CBM/2010/4.7	Geo-technical Surveys / Soil Investigation (Onshore).
OTH/CBM/2010/4.8	Well Completion Design Service.
OTH/CBM/2010/4.9	Security services.
E) SCM/CBM/2010/05: Plant & Machinery, Transportation, Helicopter, Material Handling Equipment & Warehousing and Logistics Services	
SCM/CBM/2010/5.1	Aviation fuel and spares for helicopter.
SCM/CBM/2010/5.2	Helicopter and its accessories.
SCM/CBM/2010/5.3	CHA/Freight forward/Transport services for inland and offshore.
SCM/CBM/2010/5.4	Hiring of Plant & Machinery, Material Handling Equipment and related Services required at various bases and sites. viz. Cranes, Hydra, Forklifts etc.
SCM/CBM/2010/5.5	Air transportation of personnel and Chartering Helicopters.
SCM/CBM/2010/5.6	Services for O&M of helicopter.
SCM/CBM/2010/5.7	Supply of material handling equipment like fork lifts, stackers, hydras, lift trucks, manlifts, trolleys, heavy, medium and light duty racks, docking systems.
SCM/CBM/2010/5.8	Hiring of closed and covered warehouse, open storage yard, office accommodation with or without associated manpower, equipment and services.
SCM/CBM/2010/5.9	Supply of Light Vehicles, pick up vans, Ambulances, fire engines, trucks and other transport for men and material.
SCM/CBM/2010/5.10	Hiring of trucks, trailers and tankers for movement of material from and to different locations in India.
SCM/CBM/2010/5.11	Helicopter hanger doors.
SCM/CBM/2010/5.12	Plant & Machinery, Material handling equipment and related Services required at various bases and sites viz. Cranes, Hydra, and Forklifts etc.

F) HSE/CBM/2010/06: Supply of Equipment, Materials and related Services to HSE	
HSE/CBM/2010/6.1	Environmental impact studies, Risk assessment, Environmental audit, Environmental monitoring, Ground water level monitoring, Land subsidence movement monitoring.
HSE/CBM/2010/6.2	Occupational health surveillance
HSE/CBM/2010/6.3	Development and maintenance of green belt.
HSE/CBM/2010/6.4	Servicing of fire fighting and allied equipment.
HSE/CBM/2010/6.5	Man power for Fire fighting/medical services.
HSE/CBM/2010/6.6	Safety auditing.
HSE/CBM/2010/6.7	Training on HSEF related topics.
HSE/CBM/2010/6.8	Testing and inspection of lifting equipment, tools and tackles, pressure vessels, etc.
HSE/CBM/2010/6.9	Clearance and forwarding of material to and from railways yards and sidings including monitoring of rakes, timely clearing, unloading and removal of material, transportation, hiring required manpower and settlement of railway claims and dues.
HSE/CBM/2010/6.10	Collection, transportation and disposal of hazardous and non-hazardous material, garbage and other waste as per guidelines of applicable pollution control board and submission of disposal certificates.
HSE/CBM/2010/6.11	Environment monitoring equipment
HSE/CBM/2010/6.12	Personal protective equipment, Safety equipment, Fire hydrant, Fire monitors, Sprinkler system, Snnubbers, Fire pump, Fire fighting system, Fire extinguishers, fire and gas detection equipment, fire fighting chemical, fire tenders and vehicles, fire alarms, Spray nozzles, Hose reel, Fire buckets, Fire blankets, Fire man axe, Foam chamber & deflector etc.
HSE/CBM/2010/6.13	All equipment for fire stations.
HSE/CBM/2010/6.14	Ambulances and medical facilities.
HSE/CBM/2010/6.15	Equipment, Instruments and chemicals for effluent/water/waste treatment plant.
HSE/CBM/2010/6.16	Total flooding system (CO2, Argonite, FM-200 or any other gaseous agent).
HSE/CBM/2010/6.17	Building fire alarm system.
HSE/CBM/2010/6.18	Potable water treatment Package.
HSE/CBM/2010/6.19	Sewage treatment plant.
HSE/CBM/2010/6.20	Effluent /solid waste treatment plant.
G) OTH/CBM/2010/07: Civil works, Catering, house keeping & hospitality services	
OTH/CBM/2010/7.1	Providing miscellaneous services like Vehicle hiring, Catering, Manpower supply, Structural and mechanical fabrication etc. at various bases and sites.
OTH/CBM/2010/7.2	Hard topping/tar matting of roads and Supply of bitumen & asphalt Concretes.
OTH/CBM/2010/7.3	Catering, House Keeping and hospitality services.
OTH/CBM/2010/7.4	Providing guest house with or without catering, or hotel rooms and associated travel and accommodation related services.
OTH/CBM/2010/7.5	Construction of warehouse, office accommodation and related civil, electrical and mechanical works.
OTH/CBM/2010/7.6	Supply of bitumen & asphalt concretes.

H) ITE/CBM/2010/08: Equipment, Software/hardware & communication systems	
ITE/CBM/2010/8.1	Services and maintenance of hardware and software related to geology, geophysics and reservoir engineering.
ITE/CBM/2010/8.2	VSAT / wireless connectivity survey for GGS.
ITE/CBM/2010/8.3	UHF/VHF radio communication system, repeaters, mast, antenna and towers.
ITE/CBM/2010/8.4	Routers/ Switches/ Network equipments for communication system.
ITE/CBM/2010/8.5	Equipment and software for communication system.
ITE/CBM/2010/8.6	Services for land information system (LIS).
ITE/CBM/2010/8.7	Software and hardware for E&P database.
ITE/CBM/2010/8.8	Geological, geophysical and reservoir Software/hard ware.
ITE/CBM/2010/8.9	Software and hardware for data management, drilling, mud engineering, cementing, HSE, etc.
ITE/CBM/2010/8.10	Software and hardware for Production, completion, stimulation, etc.
ITE/CBM/2010/8.11	Software and hardware for material management.
ITE/CBM/2010/8.12	Production Simulation system.
I) ADM/CBM/2010/09: Consultancy & Manpower Services for G&G, Drilling & Completion, Gas Based Facilities, Infrastructure & CBM Field Development.	
ADM/CBM/2010/9.1	Consultancy services for infrastructure development.
ADM/CBM/2010/9.2	Consultancy services for land acquisition.
ADM/CBM/2010/9.3	Consultancy services for CBM production and surface facilities.
ADM/CBM/2010/9.4	Consulting companies engaged in - designing & supervision for power distribution system for gas based facilities.
ADM/CBM/2010/9.5	Consultancy for CSR.
ADM/CBM/2010/9.6	Consultancy companies engaged in gas marketing survey.
ADM/CBM/2010/9.7	Consultancy companies engaged in gas distribution system.
ADM/CBM/2010/9.8	Consulting companies engaged in - designing & supervision for construction of GGS(Group Gathering Station) / Compressors / Pipeline/ land survey.
ADM/CBM/2010/9.9	Consultancy companies engaged in pipeline route survey for trunkline/pipeline.
ADM/CBM/2010/9.10	Consultancy for designing and installation of fire detection and protection system.
ADM/CBM/2010/9.11	Consultancy for certifying agency.
ADM/CBM/2010/9.12	Consultancy services for liasioning and statutory approvals.
ADM/CBM/2010/9.13	Consultancy services for creation of explosive storage yard and movement facilities.
ADM/CBM/2010/9.14	Consultancy companies engaged in designing and supervision of infrastructure facilities.
ADM/CBM/2010/9.15	Supply of unskilled, skilled and specialized manpower and related services.
ADM/CBM/2010/9.16	Hiring of consultant for legal services.
J) DEV/CBM/2010/10: Supply of Equipment, Material and related Services for Electrical, Mechanical and Instrumentation for fabrication, erection, installation & commissioning of well site facilities and GGS, Compressor station, Pipe line, Office building, Industrial structures, Warehouse etc.	
DEV/CBM/2010/10.1	Operation and maintenance of CNG facilities.

DEV/CBM/2010/10.2	Installation and commissioning of HDPE pipe, fusion Jointing/ compression fittings & accessories.
DEV/CBM/2010/10.3	Service companies for laying, welding, corrosion coating of pipeline/trunkline.
DEV/CBM/2010/10.4	Service companies engaged in installation and commissioning of GGS/ Compressors/pipeline etc.
DEV/CBM/2010/10.5	Service companies engaged in installation and commissioning of power distribution system (11 KV/33KV transmission line).
DEV/CBM/2010/10.6	Hiring of rock cutting machine, blasting machine, JCB etc.
DEV/CBM/2010/10.7	Supply and installation of ventilations and pressurisation systems.
DEV/CBM/2010/10.8	Supply of D.C. power.
DEV/CBM/2010/10.9	Supply of electrical heat tracing.
DEV/CBM/2010/10.10	Supply of instrumentation bulk items (JB, Flow switch, Fusible Plugs, Push Buttons, Canopy/Sunshades etc.).
DEV/CBM/2010/10.11	Compressors, Boosters and allied equipment like heat exchanger, inter coolers, etc.
DEV/CBM/2010/10.12	CNG Compressor & Booster.
DEV/CBM/2010/10.13	CNG Cascade, Car/bus Dispensers.
DEV/CBM/2010/10.14	Line pipes coating/ wrapping material.
DEV/CBM/2010/10.15	All kind of Valves (CI/CS Gate/Globe/Ball/Butterfly/Plug/Air release valve, check valve/needle valve etc.)
DEV/CBM/2010/10.16	All kind of Strainers (Y type, T type, Conical & Basket type).
DEV/CBM/2010/10.17	Electrical motors, Electrical panels, VFD, VSD, soft starters etc.
DEV/CBM/2010/10.18	Electrical measurement meters.
DEV/CBM/2010/10.19	Electrical HT, LT overhead electrical lines, electrical poles (RCC & H type) all sizes.
DEV/CBM/2010/10.20	Armoured & unarmoured power cable, special cable, instrumentation cable, data networking cable, fibre optic cables etc.
DEV/CBM/2010/10.21	Supply of electrical bulk items (Cable trays, Switches, Sockets, Raceways, Poles, FRP cable trays, Feeder pillar, Special light fittings, Lightening controls etc.)
DEV/CBM/2010/10.22	Supply of Audio visual system/ EPABX.
DEV/CBM/2010/10.23	Transformers, switchgear (HV/LV), cutouts & accessories for LT and HT power distribution.
DEV/CBM/2010/10.24	Supply of bus ducts (HV/LV).
DEV/CBM/2010/10.25	Supply of UPS.
DEV/CBM/2010/10.26	Supply of different grades of Steel viz. High yield deformed bars (Corrosion resistant steel), MS Plates, Pipes, Beams, Angles, Channels, Bars, and Structural members of different Sizes and Grades.
DEV/CBM/2010/10.27	Supply of Portable, Modular Office and Warehouse, Containers and Office Furniture and Office Automation Equipment (Computers, Scanner, Fax etc.) and other capital goods
DEV/CBM/2010/10.28	High/low pressure vessels.
DEV/CBM/2010/10.29	Different types of adsorbent for drying unit.
DEV/CBM/2010/10.30	Drying unit/dehydration tower.
DEV/CBM/2010/10.31	Equipment for gas based facilities including power generation equipment, DG set/Gas Genset/Turbines, boilers, HRSG, cooling towers, DM unit.
DEV/CBM/2010/10.32	Storage tanks.
DEV/CBM/2010/10.33	Supply of machine monitoring system.
DEV/CBM/2010/10.34	Supply of DCS, ESD and F&G System.

DEV/CBM/2010/10.35	Supply and installation of elevators, EOT cranes, Electrical hoists, Chain blocks etc.
DEV/CBM/2010/10.36	Supply of all types of API/ Non API pumps (Centrifugal, Reciprocating, Screw type, Plunger, Metering, Air operated, Positive displacement type etc.).
DEV/CBM/2010/10.37	Supply of cathodic protection system.
DEV/CBM/2010/10.38	Supply of chemical injection system.
DEV/CBM/2010/10.39	Supply of pig launcher/Pig receiver.
DEV/CBM/2010/10.40	Erection of plant and machinery.
DEV/CBM/2010/10.41	Equipment for workshop facility.
DEV/CBM/2010/10.42	Equipment for electrical substation and its accessories.
DEV/CBM/2010/10.43	All security monitoring and surveillance system, including CCTV, access control system.
DEV/CBM/2010/10.44	Supply, installation & commissioning of GLCC and its accessories.
DEV/CBM/2010/10.45	Supply of Mechanical, Electrical and Electronic tools, Accessories, Spares and Consumables.
DEV/CBM/2010/10.46	EPC Contractors for fabrication, erection, installation, commissioning of well site facilities and GGS (Group Gathering Station), compressor station, etc.
DEV/CBM/2010/10.47	Civil contractor for setting up infrastructure facilities.
DEV/CBM/2010/10.48	Civil construction for buildings, Industrial structures, Slope protection, Drainage, Bridges & Culverts, Roads, etc.
DEV/CBM/2010/10.49	Lighting and electrification of roads, Plants and building including Supply of cables, Masts, Electrical fittings, & accessories, Fire protection work including supply of material etc.
DEV/CBM/2010/10.50	Civil, electrical, mechanical, Instrumentation contractors for rig sites, approach roads, GGS, MCS, pipe line, office buildings, warehouse etc.
DEV/CBM/2010/10.51	Hiring of architecture for setting up Infrastructure facilities.
DEV/CBM/2010/10.52	Any other equipment, materials and services not included above.
DEV/CBM/2010/10.53	Development of land, filling, levelling, hardening and creation and maintenance of facilities.
DEV/CBM/2010/10.54	AFFF - 30% Foam Concentrate.
DEV/CBM/2010/10.55	Deluge valves with pressure switches and solenoid valves.
DEV/CBM/2010/10.56	Gas dehydration and MEG/TEG regeneration package including engineering.
DEV/CBM/2010/10.57	Instrument air/ Plant air compressors and all associated equipment.
DEV/CBM/2010/10.58	Air dryer unit.
DEV/CBM/2010/10.59	Cooling tower.
DEV/CBM/2010/10.60	Chemical dosing system.
DEV/CBM/2010/10.61	Sidestream filters for cooling water.
DEV/CBM/2010/10.62	Insulation (Hot and Cold) for Equipment/Piping etc.
DEV/CBM/2010/10.63	All other utility system packages.
DEV/CBM/2010/10.64	Different types of paints and painting accessories and Insulation materials & accessories.
DEV/CBM/2010/10.65	Lighting and electrification of roads, Plants and building including cables, masts, Electrical fittings, & accessories, Fire protection work including material etc.
K) DEV/CBM/2010/11: Supply of Capital Equipments required for Development of CBM Wells viz. Drilling Rig and its auxiliary equipments, Hydro fracturing unit, Material handling Equipment, Mobile pumping unit, etc.	
DEV/CBM/2010/11.1	Supply of rock cutting /drilling machine (for Hard rock (Dolerite) and

	soft rock).
DEV/CBM/2010/11.2	Drilling Rig capable of drilling with Air and or fluid flush.
DEV/CBM/2010/11.3	Auxiliary equipment of rig like drill pipes, mud pumps, generators, BOP & handling tools.
DEV/CBM/2010/11.4	Hydraulic fracturing fleet.
DEV/CBM/2010/11.5	Auxiliary Equipment like Frac iron, nucleonic gauge, frac software, frac tanks, frac van, lab, sand storage tank for hydraulic fracturing fleet.
DEV/CBM/2010/11.6	Filters and filtering equipment.
DEV/CBM/2010/11.7	Mobile water tanker.
DEV/CBM/2010/11.8	Diesel and gas based generator sets of various capacities.
DEV/CBM/2010/11.9	Truck and trailers, cranes, fork lift, etc.
DEV/CBM/2010/11.10	Geophysical logging and perforation unit and accessories, explosives, guns, detonators, magazines, explosive van etc.
DEV/CBM/2010/11.11	Mobile pumping unit.
DEV/CBM/2010/11.12	CNG Compressor, Cascade, Car/bus Dispensers, Priority Panels etc.
DEV/CBM/2010/11.13	Slick line winch, E-line winch.

B) Onland Blocks

Reliance Industries Ltd (RIL), as operator, on behalf of itself and its co-venturers i.e. Tullow India Operations Limited, Okland Offshore Holdings Limited, Oil and Natural Gas Corporation Limited and Hardy Exploration & Production (India) Inc., invites Expression of Interest (EOI) for the Onland blocks acquired under NELP - II and NELP - V and earlier exploration rounds from reputed and experienced Contractors for following categories:

Category No	Category Description
GAG/COMN/2010/01	Supply of Equipment, Materials and related Services for G&G viz. Electrologging & Perforation, 2D/3D/4D-Seismic Data acquisition, processing, survey designing, PVT sampling & Lab analysis, Mud Logging, Reserves estimation services, etc.
OAM/COMN/2010/02	Supply of Equipment, Materials and related Services for Development and Production viz. Production testing, flow assurance, Oil tanker etc. EOR, design, engineering and fabrication of surface facilities, flowline/trunklines, GGS, EPS, CTF etc.
DAC/COMN/2010/03	Supply of Equipment, Materials, and related Services for drilling, completion and workover viz. tubulars, downhole tools, OWC, Bits, Fishing tools, WH & X-mas trees, Rigs, Cementing, Testing, Completion, Services and material for Artificial lift, well activation, stimulation services, chemicals and materials including proppant sand, Direction Drilling, MWD, LWD, DST, Well control, Drilling Optimization services etc.
ITE/COMN/2010/04	Supply of Equipment, software/hardware and IT communication systems.
SHB/COMN/2010/05	Supply of Equipment, Materials and related Services for HSE, Logistics, Communication and Support etc.

Contractors interested to pre-qualify for receiving the tenders are required to submit the information for following categories:

Category No	Category Description
(A) GAG/COMN/2010/1: Supply of Equipment, Materials and related Services for G&G viz. Electrologging & Perforation, 2D/3D/4D-Seismic Data acquisition, processing, survey designing, PVT sampling & Lab analysis, Mud Logging, Reserves estimation services, etc.	
GAG/COMN/2010/1.1	Electro Logging & Perforation Services.
GAG/COMN/2010/1.2	LWD/MWD Services.
GAG/COMN/2010/1.3	2D/3D/4D Seismic Data Acquisition.
GAG/COMN/2010/1.4	2D/3D/4D Seismic Data Onshore Processing/ Advanced Processing/Special Processing i.e. AVO/ Inversion/ Rock Physics Modelling/ illumination Studies etc.
GAG/COMN/2010/1.5	2D/3D/4D Seismic Survey Designing.
GAG/COMN/2010/1.6	Gravity/Magnetic/Gradiometry Surveys.
GAG/COMN/2010/1.7	Multi Transient Electromagnetic Surveys.
GAG/COMN/2010/1.8	Integrated Interpretation Surveys.
GAG/COMN/2010/1.9	PVT Sampling & Laboratory Analysis.
GAG/COMN/2010/1.10	Portable Explosive Magazine.
GAG/COMN/2010/1.11	Mud Logging Services.
GAG/COMN/2010/1.12	Reserves estimation.
GAG/COMN/2010/1.13	Laboratory equipments.
GAG/COMN/2010/1.14	Site Survey.
GAG/COMN/2010/1.15	Provision of QA/QC personnel for land surveys of Seismic, Electromagnetic etc.
GAG/COMN/2010/1.16	Provision of QA/QC personnel/ Consultancy for Processing integrated interpretation.
GAG/COMN/2010/1.17	Laboratory Analysis of Cores and Oil, Gas & Water.

(B) OAM/COMN/2010/2: Supply of Equipment, Materials and related Services for Development and Production viz. Production testing, flow assurance, Oil tanker etc. EOR, design, engineering and fabrication of surface facilities, flowline/ trunklines, GGS, EPS, CTF etc.

OAM/COMN/2010/2.1	Production testing, mobile separators and bottom hole winch services.
OAM/COMN/2010/2.2	Steaming services.
OAM/COMN/2010/2.3	Oil Tanker transportation services.
OAM/COMN/2010/2.4	Design, engineering, procurement, fabrication, installation, pre commissioning and commissioning of Early Production System/ Group Gathering System on Turn-key basis. Job may also include civil works at site and laying of Flowlines/trunklines.
OAM/COMN/2010/2.5	Production optimization/design services.
OAM/COMN/2010/2.6	Valves, Flanges, reducers, X-overs, nuts & bolts, gaskets etc.
OAM/COMN/2010/2.7	Laboratory Equipment.
OAM/COMN/2010/2.8	Power Generation equipment.
OAM/COMN/2010/2.9	Oil & Gas Production equipment.

(C) DAC/COMN/2010/3: Supply of Equipment, Materials, and related Services for drilling, completion and workover viz. tubulars, downhole tools, OWC, Bits, Fishing tools, WH & X-mas

trees, Rigs, Cementing, Testing, Completion, Services and material for Artificial lift, well activation, stimulation services, chemicals and materials including proppant sand, Direction Drilling, MWD, LWD, DST, Well control, Drilling Optimization services etc.

DAC/COMN/2010/3.1	Civil Contractors for rig sites, approach roads, warehouse, infrastructure etc.
DAC/COMN/2010/3.2	Land Drilling Rig for drilling up to a depth of 4000m.
DAC/COMN/2010/3.3	Mobile Drilling Rig for drilling up to depth of 2500m.
DAC/COMN/2010/3.4	Cementing services.
DAC/COMN/2010/3.5	Mud engineering services for Water Based, Synthetic Based and Oil Based Muds.
DAC/COMN/2010/3.6	Directional Drilling, MWD and LWD services.
DAC/COMN/2010/3.7	Drill Stem Testing (DST) services.
DAC/COMN/2010/3.8	Well Control services.
DAC/COMN/2010/3.9	Completion / Work over Rig.
DAC/COMN/2010/3.10	Drilling optimization services.
DAC/COMN/2010/3.11	Well heads, X-mas trees & Accessories.
DAC/COMN/2010/3.12	Drilling Bits and Coring Bits.
DAC/COMN/2010/3.13	Tubulars, Casings / Tubings, ERW pipes.
DAC/COMN/2010/3.14	Downhole Tools - Packers, bridge plugs, scrappers, under reamers, hole openers, sand control system etc.
DAC/COMN/2010/3.15	Cement including Oil Well Cement, chemicals and additives.
DAC/COMN/2010/3.16	Mud Chemicals and additives.
DAC/COMN/2010/3.17	Casing accessories.
DAC/COMN/2010/3.18	Fishing tools.
DAC/COMN/2010/3.19	Handling tools.
DAC/COMN/2010/3.20	Surface hole drilling rig and running in 13 3/8" / 9 5/8" casing up to depth of 500m.
DAC/COMN/2010/3.21	Stimulation chemicals and additives including proppant sand.
DAC/COMN/2010/3.22	Well activation - Air compressors, Nitrogen services etc.
DAC/COMN/2010/2.23	Artificial lift equipment.
DAC/COMN/2010/3.24	Well stimulation & Pumping services.

(D) ITE/COMN/2010/4: Supply of Equipment, software/hardware and IT communication systems.

ITE/COMN/2010/4.1	Public Addressing and General Alarms (PAGA) for public announcements and alarm tones generations.
ITE/COMN/2010/4.2	UHF, VHF, HF and Aero VHF Radio communication systems.
ITE/COMN/2010/4.3	Leased Line/VSAT/Wireless and microwave Communication systems.
ITE/COMN/2010/4.4	LAN and WAN Network Components. Active (Routers, firewall and Switches) and Passive (Fiber and copper cable and related accessories).
ITE/COMN/2010/4.5	EAPBX system with voice recording, call billing and voice mail for Voice communication.
ITE/COMN/2010/4.6	Audio Visual system with HD Video Conferencing, Projectors and Plasmas and CCTV surveillance system.
ITE/COMN/2010/4.7	Office Automation (High End Servers, Desktops, Printers, Scanners, Fax machines).

ITE/COMN/2010/4.8	Oil production accounting system with hardware and software specifications.
ITE/COMN/2010/4.9	Terminal Automation system for automation of Oil loading in Tankers.
ITE/COMN/2010/4.10	UHF/VHF radio communication system for communication from Wellsite to GGS through SCADA and Remote Terminal Units.
ITE/COMN/2010/4.11	Services of System Integrator and Technology Partner for Delivery of IT solutions and Technology implementation for Onland Oil & Gas Business.

(E) SHB/COMN/2010/5: Supply of Equipment, Materials and related Services for HSE, Logistics, Communication and Support etc.	
SHB/COMN/2010/5.1	Environmental Impact Studies, Risk Assessment, Environmental Audit & Monitoring.
SHB/COMN/2010/5.2	Environment monitoring equipment.
SHB/COMN/2010/5.3	VSAT/IT & Automation equipment, UHFNHF Radio, Repeaters, Towers etc.
SHB/COMN/2010/5.4	Portable Bunk House/ Control Room /Security cabins/ Toilets.
SHB/COMN/2010/5.5	PPE Safety Equipment, Fire hydrant system, Fire extinguishers.
SHB/COMN/2010/5.6	CHA / Freight Forwarding / Transport Services/ Crane / Trailers / LMVs.
SHB/COMN/2010/5.7	Consultancy Services.

Interested Contractor for pre-qualification are required to submit the following information for above categories:

- Experience in last 10 years for the scope for which Contractor intends to submit EOI. Contractors to provide details of work executed, order value and salient features of the work executed.
- Details of resources available with Contractor and CVs of Key Technical personnel.
- Company profile and audited financial results (Balance Sheet) for last five years.
- Present work commitments and anticipated work load.
- Brief on Health, Safety, Environment (HSE) and Quality Assurance systems followed.
- Any other relevant information that will establish that Contractor is a competent equipment supplier / service provider.

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

SUMMARY SHEET

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

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 (Projects in last 10 years 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 submit their Expression of Interest (hard copies in duplicate along with electronic copy on CD) indicating all above details through Post / Courier and also through e-mail on Cbmeoiresponse.EandP@ril.com, before 21st July, 2010. The Contractors who had earlier submitted their Expression of Interest for similar categories are also required to submit their Expression of Interest. The envelope should be superscribed as RIL/E&P/EOI/2010/04.