

## Reliance Industries Limited

#### EXPRESSION OF INTEREST (UNDER INTERNATIONAL COMPETITIVE BIDDING) FOR SUPPLY OF EQUIPMENT, MATERIAL AND SERVICES FOR COAL BED METHANE (CBM) PROJECT (RIL/E&P/EOI/2008/04)

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.

Contractors/ Suppliers/ Consultants should be familiar with latest trends in technology areas of CBM Exploration and Production, Infrastructure Development, CBM Field development, Gas based facilities, Gas Distribution Networking, Gas Marketing Survey and other support services.

Category Reference No.	Category Description
RIL/DEV/CBM/DR	Supply of equipment, material and related services for drilling and completion for CBM wells
RIL/DEV/CBM/G&G	Supply of equipment, material and related services for G&G for exploration and production of CBM
RIL/DEV/CBM/PR	Supply of equipment, material and related services for production of CBM
RIL/DEV/CBM/EPC	Supply of services as EPC contractors
RIL/DEV/CBM/CON	Supply of consultancy services for G&G, drilling & completion, gas based facilities, infrastructure & CBM field development.
RIL/DEV/CBM/EQP	Supply of capital equipments required for development of CBM wells
RIL/DEV/CBM/OTHERS	Supply of equipment, material and related services for HSE, Logistics, Communication and Support etc.

Interested bidders are requested to visit our website <u>www.ril.com</u> for further details on the above and submit their Expression of Interest within 14 days of publication of this advertisement along with the documents as stated in our website (**no price details are to be included**)

The envelope containing Expression of Interest should be superscribed as RIL/E&P/EOI/2008/04 along with Category Reference Number.

## Address for Communication:

Sr. Vice President (Supply Chain Management) Reliance Industries Limited, Petroleum Business (E&P) CBM Project 5<sup>th</sup> Floor, Studio Complex, Near Gota Circle, S G Highway, Ahmedabad – 382481 Telephone: +91 79 6606 3500 Fax: +91 79 6606 3531.

#### INTRODUCTION:

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.

The list of various categories for Supply of Equipment, Material & Services are as below:

Category	Category Reference No.	Detailed Description
	RIL/DEV/CBM/DR/S/01	Corehole Drilling Rig for drilling wells with air & fluid flush and HQ3/NQ3 Coring 1000 m & 1700 m capacity.
	RIL/DEV/CBM/DR/S/02	Drilling rig for drilling corehole/test wells capable of drilling with air /fluid flush, 1000 m & 1700 m capacity
	RIL/DEV/CBM/DR/S/03	Cementing Services
	RIL/DEV/CBM/DR/S/04	Testing rig 1000 m & 1700 m capacity.
	RIL/DEV/CBM/DR/S/05	Completion and work over rig 15 ton, 30 Tons & 50 ton
Drilling Services	RIL/DEV/CBM/DR/S/06	Surface hole (12" to 14") drilling rig (air & fluid flush) and Cementing (grouting) Services up to 350 meters
	RIL/DEV/CBM/DR/S/07	Horizontal and Directional Drilling services including radial drilling, inseam drilling, etc
	RIL/DEV/CBM/DR/S/08	Cavity Completion Services including hiring of air package
	RIL/DEV/CBM/DR/S/09	Fishing services
	RIL/DEV/CBM/DR/S/10	Mud engineering services
	RIL/DEV/CBM/DR/S/11	Coring services
	RIL/DEV/CBM/DR/S/12	Drilling Rig for grouting false conductor
	RIL/DEV/CBM/DR/S/13	Casing Running In Services
	RIL/DEV/CBM/DR/M/01	Drilling Bits and Coring Bits
	RIL/DEV/CBM/DR/M/02	Tubular, Casing/Tubings, ERW pipes
Drilling Material	RIL/DEV/CBM/DR/M/03	Down hole Tools (open/cased hole- packers, bridge plugs, cement retainers, scrappers, under reamer, bicenter bits, stabilizers, x-overs etc.)
	RIL/DEV/CBM/DR/M/04	Oil Well Cement, Portland Cement, Cementing additives
	RIL/DEV/CBM/DR/M/05	Well Head & Christmas Trees, Casing Head, Tubing Head and valves & spares
	RIL/DEV/CBM/DR/M/06	Mud Chemicals and additives

	RIL/DEV/CBM/DR/M/07	Casing accessories, float shoe, float collars, centralisers, plugs, ball & baffle, casing thread compound, cement basket, stage collar etc.
	RIL/DEV/CBM/DR/M/08	Drilling spools, DSA, flanges, etc
Drilling	RIL/DEV/CBM/DR/M/09	HW /HQ rod/Liners
Drilling Material	RIL/DEV/CBM/DR/M/10	Fishing Tools including left hand strings
(Contd)	RIL/DEV/CBM/DR/M/11	All types of Construction materials
	RIL/DEV/CBM/DR/M/12	Coring liners, Core barrels and accessories
	RIL/DEV/CBM/G&G/S/01	Slimhole Geophysical Logging
	RIL/DEV/CBM/G&G/S/02	Openhole and cased hole Geophysical Logging and Perforation
	RIL/DEV/CBM/G&G/S/03	Coal analysis and CBM Laboratory work with & without Mobile Lab facility
	RIL/DEV/CBM/G&G/S/04	Ground Magnetic Survey
	RIL/DEV/CBM/G&G/S/05	Seismic survey including shallow seismic survey
	RIL/DEV/CBM/G&G/S/06	Aero magnetic survey
	RIL/DEV/CBM/G&G/S/07	Reserve certification
G & G services	RIL/DEV/CBM/G&G/S/08	Topographical survey, surface elevation and co-ordinate survey
	RIL/DEV/CBM/G&G/S/09	GIP estimate
	RIL/DEV/CBM/G&G/S/10	Operation and Maintenance of all types of equipment related to geology, geophysics and reservoir engineering
	RIL/DEV/CBM/G&G/S/11	services and maintenance of hardware and software related to geology, geophysics and reservoir engineering
	RIL/DEV/CBM/G&G/S/12	well testing and analysis of data leading to estimation of coalbed reservoir properties viz permeability, reservoir pressure, skin etc
	RIL/DEV/CBM/G&G/M/01	Gas desorption lab equipment
G&G	RIL/DEV/CBM/G&G/M/02	Quality control lab equipment including, gas chromatograph, turbidity meter, gas sampler, calorie meter, gas density meter etc
Material	RIL/DEV/CBM/G&G/M/03	GPS and Differential GPS
	RIL/DEV/CBM/G&G/M/04	Topographical survey equipment
	RIL/DEV/CBM/G&G/M/05	Field and laboratory equipment of G&G & reservoir engineering
	RIL/DEV/CBM/PR/S/01	Hydro - fracturing services
	RIL/DEV/CBM/PR/S/02	Acidisation services
Production	RIL/DEV/CBM/PR/S/03	Mobile water tanker services
Services	RIL/DEV/CBM/PR/S/04	O&M services for frac fleet
22.11000	RIL/DEV/CBM/PR/S/05	Hiring of Diesel, Dual Fuel and Gas based Generation Sets including operation and maintenance.
	RIL/DEV/CBM/PR/S/06	Slick Line/ Wire line services

/DEV/CBM/PR/S/07 /DEV/CBM/PR/S/08 /DEV/CBM/PR/S/09 /DEV/CBM/PR/S/10 /DEV/CBM/PR/S/11 /DEV/CBM/PR/S/12 /DEV/CBM/PR/S/13 /DEV/CBM/PR/S/14 /DEV/CBM/PR/S/15 /DEV/CBM/PR/S/16 /DEV/CBM/PR/S/17	Compressors, etc including accessories required at various bases and sites. Supply of Fuel (LDO/HSD/HF-HSD) and related services at various bases and sites. Supply of Lubricants and related services at various bases and sites. Operation and maintenance of CNG facilities Installation and commissioning of HDPE pipe, fusion Jointing/ compression fittings & accessories VSAT / wireless connectivity survey for GGS Service Companies for laying, welding, corrosion coating of pipeline/trunkline Service companies engaged in installation and commissioning of GGS/ Compressors/pipeline Service companies engaged in installation and commissioning of power distribution system (11 KV/33KV transmission line) Production Testing Services Coil Tubing services
/DEV/CBM/PR/S/09 /DEV/CBM/PR/S/10 /DEV/CBM/PR/S/11 /DEV/CBM/PR/S/12 /DEV/CBM/PR/S/13 /DEV/CBM/PR/S/14 /DEV/CBM/PR/S/15 /DEV/CBM/PR/S/16 /DEV/CBM/PR/S/17	<ul> <li>various bases and sites.</li> <li>Supply of Lubricants and related services at various bases and sites.</li> <li>Operation and maintenance of CNG facilities</li> <li>Installation and commissioning of HDPE pipe, fusion Jointing/ compression fittings &amp; accessories</li> <li>VSAT / wireless connectivity survey for GGS</li> <li>Service Companies for laying, welding, corrosion coating of pipeline/trunkline</li> <li>Service companies engaged in installation and commissioning of GGS/ Compressors/pipeline</li> <li>Service companies engaged in installation and commissioning of power distribution system (11 KV/33KV transmission line)</li> <li>Production Testing Services</li> </ul>
/DEV/CBM/PR/S/10 /DEV/CBM/PR/S/11 /DEV/CBM/PR/S/12 /DEV/CBM/PR/S/13 /DEV/CBM/PR/S/14 /DEV/CBM/PR/S/15 /DEV/CBM/PR/S/16 /DEV/CBM/PR/S/17	<ul> <li>and sites.</li> <li>Operation and maintenance of CNG facilities</li> <li>Installation and commissioning of HDPE pipe, fusion Jointing/ compression fittings &amp; accessories</li> <li>VSAT / wireless connectivity survey for GGS</li> <li>Service Companies for laying, welding, corrosion coating of pipeline/trunkline</li> <li>Service companies engaged in installation and commissioning of GGS/ Compressors/pipeline</li> <li>Service companies engaged in installation and commissioning of power distribution system (11 KV/33KV transmission line)</li> <li>Production Testing Services</li> </ul>
/DEV/CBM/PR/S/11 /DEV/CBM/PR/S/12 /DEV/CBM/PR/S/13 /DEV/CBM/PR/S/14 /DEV/CBM/PR/S/15 /DEV/CBM/PR/S/16 /DEV/CBM/PR/S/17	Installation and commissioning of HDPE pipe, fusion Jointing/ compression fittings & accessories         VSAT / wireless connectivity survey for GGS         Service Companies for laying, welding, corrosion coating of pipeline/trunkline         Service companies engaged in installation and commissioning of GGS/ Compressors/pipeline         Service companies engaged in installation and commissioning of power distribution system (11 KV/33KV transmission line)         Production Testing Services
/DEV/CBM/PR/S/12 /DEV/CBM/PR/S/13 /DEV/CBM/PR/S/14 /DEV/CBM/PR/S/15 /DEV/CBM/PR/S/16 /DEV/CBM/PR/S/17	compression fittings & accessories         VSAT / wireless connectivity survey for GGS         Service Companies for laying, welding, corrosion coating of pipeline/trunkline         Service companies engaged in installation and commissioning of GGS/ Compressors/pipeline         Service companies engaged in installation and commissioning of gGS/ Compressors/pipeline         Service companies engaged in installation and commissioning of power distribution system (11 KV/33KV transmission line)         Production Testing Services
/DEV/CBM/PR/S/13 /DEV/CBM/PR/S/14 /DEV/CBM/PR/S/15 /DEV/CBM/PR/S/16 /DEV/CBM/PR/S/17	Service Companies for laying, welding, corrosion coating of pipeline/trunkline Service companies engaged in installation and commissioning of GGS/ Compressors/pipeline Service companies engaged in installation and commissioning of power distribution system (11 KV/33KV transmission line) Production Testing Services
/DEV/CBM/PR/S/14 /DEV/CBM/PR/S/15 /DEV/CBM/PR/S/16 /DEV/CBM/PR/S/17	pipeline/trunkline         Service companies engaged in installation and commissioning of GGS/ Compressors/pipeline         Service companies engaged in installation and commissioning of power distribution system (11 KV/33KV transmission line)         Production Testing Services
/DEV/CBM/PR/S/15 /DEV/CBM/PR/S/16 /DEV/CBM/PR/S/17	of GGS/ Compressors/pipeline Service companies engaged in installation and commissioning of power distribution system (11 KV/33KV transmission line) Production Testing Services
/DEV/CBM/PR/S/16 /DEV/CBM/PR/S/17	of power distribution system (11 KV/33KV transmission line) Production Testing Services
/DEV/CBM/PR/S/17	
	Coil Tubing services
/DEV/CBM/PR/S/18	NDT (Non Destructive Testing) services
/DEV/CBM/PR/S/19	Well Stimulation Services
/DEV/CBM/PR/S/20	Operation and maintenance of CBM wells by providing manpower, equipment and spares
/DEV/CBM/PR/S/21	Mobile pumping unit services
/DEV/CBM/PR/S/22	Workshop facility and its operation and maintenance
/DEV/CBM/PR/S/23	Hiring of Rock cutting machine, blasting machine, JCB etc
/DEV/CBM/PR/S/24	O&M of surface facilities by providing manpower
/DEV/CBM/PR/M/01	Chemicals & Additives for Hydraulic Fracturing including acid
/DEV/CBM/PR/M/02	Proppant Sand for Hydro fracturing
/DEV/CBM/PR/M/03	Lining sheets, water pumps, hoses, etc
/DEV/CBM/PR/M/04	Sucker Rods, Pony Rods, Sucker Rod guides, accessories & tools
/DEV/CBM/PR/M/05	Downhole Sucker Rod Pumps/Progressive Cavity Pumps (PCPs) and accessories/Electrical submersible pumps (ESPs and accessories
	Sucker Rod Pumping Unit and stuffing box, polished rods, polished rod liners, flow Tee, polished rod clamps &
	/DEV/CBM/PR/M/02 /DEV/CBM/PR/M/03 /DEV/CBM/PR/M/04

	RIL/DEV/CBM/PR/M/07	Electronic Memory Gauges
_	RIL/DEV/CBM/PR/M/08	Acoustic Fluid Level measuring Instrument.
	RIL/DEV/CBM/PR/M/09	Flow and control Instrumentation, orifice plate assembly, instrument tube fittings & valves etc
	RIL/DEV/CBM/PR/M/10	Supply of all kind of Water flow meters
	RIL/DEV/CBM/PR/M/11	Supply of all kind of Gas Flow meters ( V cone,Coriolis, Orifice, etc).
	RIL/DEV/CBM/PR/M/12	Supply of all kind of Control Valves(PCV/PRV/Solenoid/Severe Control/Dump/HIPPS)
	RIL/DEV/CBM/PR/M/13	Supply of Safety Relief Valves
	RIL/DEV/CBM/PR/M/14	Supply of Level operated valves and dump valves for separator drain
	RIL/DEV/CBM/PR/M/15	Supply of Earthing materials
	RIL/DEV/CBM/PR/M/16	All types of Line pipes, ERW Pipes and pipe fittings
	RIL/DEV/CBM/PR/M/17	Supply of Poly Ethylene (PE) Pipes & fittings
Draduation	RIL/DEV/CBM/PR/M/18	Supply of GRE pipes & fittings
Production Material	RIL/DEV/CBM/PR/M/19	Supply and Installation of Flare Package.
(Contd)	RIL/DEV/CBM/PR/M/20	Supply and Installation of Nitrogen/CO2 Generation Package
` , ,	RIL/DEV/CBM/PR/M/21	Supply and Installation of Liquid Nitrogen- Storage and vaporisation System.
	RIL/DEV/CBM/PR/M/22	Supply and Installation of Ventilations and Pressurisation Systems.
	RIL/DEV/CBM/PR/M/23	Supply of D.C. Power
	RIL/DEV/CBM/PR/M/24	Supply of Electrical Heat Tracing.
	RIL/DEV/CBM/PR/M/25	Supply of Instrumentation Bulk items (JB, Flow switch, Fusibl Plugs, Push Buttons, Canopy/Sunshades etc.).
	RIL/DEV/CBM/PR/M/26	UHF/VHF radio communication system, repeaters, mast, antenna and towers
	RIL/DEV/CBM/PR/M/27	SCADA /Remote Terminal Unit system
-	RIL/DEV/CBM/PR/M/28	Compressors and Boosters and allied equipment like heat exchanger, inter coolers, etc
	RIL/DEV/CBM/PR/M/29	CNG Compressor & Booster
	RIL/DEV/CBM/PR/M/30	CNG Cascade,Car/bus Dispensers
	RIL/DEV/CBM/PR/M/31	Line pipes coating/ wrapping material
	RIL/DEV/CBM/PR/M/32	All kind of Valves (CI/CS Gate/Globe/Ball/Butterfly/Plug/Air release valve,check valve/needle valve etc.)
F	RIL/DEV/CBM/PR/M/33	All kind of Strainers (Y type, T type, Conical & Basket type)
-	RIL/DEV/CBM/PR/M/34	Electrical motors, Electrical panels, VFD, VSD, soft starters etc
-	RIL/DEV/CBM/PR/M/35	Electrical measurement meters
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	RIL/DEV/CBM/PR/M/36	Electrical HT, LT overhead electrical lines, electrical poles (RCC & H type) all sizes
-	RIL/DEV/CBM/PR/M/37	Armoured & unarmoured power cable, special cable, instrumentation cable, data networking cable, fiber optic cables etc
	RIL/DEV/CBM/PR/M/38	Supply of Electrical Bulk Items ( Cable trays, Switches,Sockets,Raceways,Poles, FRP Cable Trays, Feeder Pillar,Special Light Fittings, Lightening Controls etc.)
	RIL/DEV/CBM/PR/M/39	Supply of Batteries
	RIL/DEV/CBM/PR/M/40	Supply of Audio Visual System/ EPABX
Production	RIL/DEV/CBM/PR/M/41	Transformers, switchegear(HV/LV), cutouts & accessories for LT and HT power distribution
Material	RIL/DEV/CBM/PR/M/42	Supply of Bus Ducts(HV/LV)
(Contd)	RIL/DEV/CBM/PR/M/43	Supply of UPS
	RIL/DEV/CBM/PR/M/44	Supply of high mast lighting system
	RIL/DEV/CBM/PR/M/45	Supply of all types of Lubricants.
	RIL/DEV/CBM/PR/M/46	Supply of all types of Chemicals for Utility Systems.
	RIL/DEV/CBM/PR/M/47	Supply of MEG/TEG
	RIL/DEV/CBM/PR/M/48	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
	RIL/DEV/CBM/PR/M/49	Supply of Different Grades and Sizes of Electrodes, Fluxes, Welding, Shielding & Cutting Gases and Welding & Cutting Accessories etc
	RIL/DEV/CBM/PR/M/50	Supply of Material Handling Tools, Slings, Wire, Ropes, Chains, jacks,Pulleys etc
	RIL/DEV/CBM/PR/M/51	Flanges, reducers, X -Overs, studs, nuts & bolts, gaskets etc.
-	RIL/DEV/CBM/PR/M/52	All light fixtures & fittings, Lightings fixtures, Junction Box & Switches including flame proof
	RIL/DEV/CBM/PR/M/53	Routers/ Switches/ Network Equipments for communication system
	RIL/DEV/CBM/PR/M/54	Supply of Portable, Modular Office and Warehouse, Containers and Office Furniture and Office Automation Equipment (Computers, Scanner, Fax etc.) and other capital goods
Γ	RIL/DEV/CBM/PR/M/55	High/low pressure vessels
Γ	RIL/DEV/CBM/PR/M/56	Different types of adsorbent for drying unit
	RIL/DEV/CBM/PR/M/57	Drying Unit/dehydration tower

Production Material	RIL/DEV/CBM/PR/M/58	Equipment for Gas based facilities including Power Generation equipment-DG set/Gas Genset/Turbines, boilers, HRSG, cooling towers, DM unit
(Contd)	RIL/DEV/CBM/PR/M/59	Gas and water composition analysis Instrument/Laboratory equipment
	RIL/DEV/CBM/PR/M/60	Storage Tanks
	RIL/DEV/CBM/PR/M/61	PE fittings and PE electrofusion/Buttfusion machines & tools
	RIL/DEV/CBM/PR/M/62	Supply of Machine Monitoring System.
	RIL/DEV/CBM/PR/M/63	Supply of DCS, ESD and F&G System
	RIL/DEV/CBM/PR/M/64	Supply of Pressure Gauges, Temperature Gauges, Level Gauges, Pressure Transmitters, Temperature Transmitters, Level Transmitters
	RIL/DEV/CBM/PR/M/65	Chickson pipe, bends, swivels, quick couplers, hammer unions etc
	RIL/DEV/CBM/PR/M/66	Supply and Installation of Elevators, EOT Cranes,Electrical Hoists, Chain blocks etc
-	RIL/DEV/CBM/PR/M/67	Supply of all types of API/ Non API Pumps (Centrifugal, Reciprocating, Screw Type, Plunger, Metering, Air Operated, Positive Displacement Type etc.)
	RIL/DEV/CBM/PR/M/68	Supply of Cathodic Protection System.
ľ	RIL/DEV/CBM/PR/M/69	Supply of Chemical Injection System.
	RIL/DEV/CBM/PR/M/70	Supply of Pig Launcher/Pig Receiver
	RIL/DEV/CBM/PR/M/71	Supply of all types of Laboratory equipments and Instruments.
	RIL/DEV/CBM/PR/M/72	Erection of Plant and Machinery.
	RIL/DEV/CBM/PR/M/73	Equipment for workshop facility
	RIL/DEV/CBM/PR/M/74	Equipment for electrical substation and its accessories
	RIL/DEV/CBM/PR/M/75	All security monitoring and surveillance system, including CCTV, access control system,
-	RIL/DEV/CBM/PR/M/76	Supply of Tank Breather valves/vent valves
-	RIL/DEV/CBM/PR/M/77	Supply of ON/OFF Valves (Motor Operated/ Actuator Controlled).
	RIL/DEV/CBM/PR/M/78	Supply of rock cutting /drilling machine (for Hard rock (Dolerite) and soft rock)
	RIL/DEV/CBM/PR/M/79	Supply, installation & commissioning of GLCC and its accessories
	RIL/DEV/CBM/PR/M/80	Supply of Mechanical, Electrical and Electronic tools, Accessories, Spares and Consumables

	RIL/DEV/CBM/PR/M/81	Aviation fuel and spares for helicopter
	RIL/DEV/CBM/PR/M/82	Equipment and software for communication system
	RIL/DEV/CBM/EPC/01	EPC Contractors for fabrication & erection, installation, commissioning of well site facilities and GGS (Group Gathering Station), compressor station, etc
	RIL/DEV/CBM/EPC/02	Civil Contractor for setting up infrastructure facilities.
EPC Services	RIL/DEV/CBM/EPC/03	Civil construction for Buildings, Industrial Structures, Slope Protection, Drainage, Bridges & Culverts, Roads, etc.
	RIL/DEV/CBM/EPC/04	Lighting and Electrification of Roads, Plants and Building including Supply of Cables, Masts, Electrical fittings, & Accessories, Fire Protection Work including Supply of Material etc
	RIL/DEV/CBM/EPC/05	Civil, electrical, mechanical, Instrumentation Contractors for rig sites, approach roads, GGS,MCS, pipe line, Office buildings, warehouse etc.
	RIL/DEV/CBM/CON/01	Consultancy services for infrastructure development
	RIL/DEV/CBM/CON/02	Consultancy services for Land acquisition
	RIL/DEV/CBM/CON/03	Consultancy services for CBM production and surface facilities
	RIL/DEV/CBM/CON/04	Consulting companies engaged in - Designing & supervision for Power distribution system for gas based facilities.
	RIL/DEV/CBM/CON/05	Consultancy for CSR
	RIL/DEV/CBM/CON/06	Consultancy companies engaged in Gas Marketing Survey
	RIL/DEV/CBM/CON/07	Consultancy companies engaged in Gas Distribution System
Consultancy Services	RIL/DEV/CBM/CON/08	Consulting companies engaged in - Designing & supervision for construction of GGS(Group Gathering Station) / Compressors / Pipeline/ land survey.
	RIL/DEV/CBM/CON/09	Consultancy companies engaged in pipeline route survey for trunkline/pipeline
	RIL/DEV/CBM/CON/10	Consultancy for designing and installation of fire detection and protection system.
F	RIL/DEV/CBM/CON/11	Consultancy for certifying agency
F	RIL/DEV/CBM/CON/12	Consultancy services for liasioning and statutory approvals
	RIL/DEV/CBM/CON/13	Consultancy companies engaged in Designing and supervision of Infrastructure facilities.

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	RIL/DEV/CBM/EQP/01	Drilling Rig capable of drilling with Air and or fluid flush
	RIL/DEV/CBM/EQP/02	Auxiliary Equipment of rig like drill pipes, mud pumps, generators, BOP & handling tools
	RIL/DEV/CBM/EQP/03	Hydraulic Fracturing Fleet
	RIL/DEV/CBM/EQP/04	Auxiliary Equipment like Frac iron, nucleonic gauge, Frac software, frac tanks, frac van, lab, sand storage tank for Hydraulic Fracturing Fleet
	RIL/DEV/CBM/EQP/05	Filters and Filtering equipment.
Equipment	RIL/DEV/CBM/EQP/06	Mobile water tanker
for purchase	RIL/DEV/CBM/EQP/07	Diesel and gas based generator sets of various capacity
	RIL/DEV/CBM/EQP/08	Truck and trailers, cranes, fork lift, etc
	RIL/DEV/CBM/EQP/09	Helicopter and its accessories
	RIL/DEV/CBM/EQP/10	Geophysical logging and perforation unit and accessories, explosives, guns, detonators, magazines, explosive van etc
	RIL/DEV/CBM/EQP/11	Mobile pumping unit
		CNG Compressor, Cascade, Car/bus Dispensers, Priority Panels etc.
	RIL/DEV/CBM/EQP/13	Slick line winch, E-line winch
Other Services	RIL/DEV/CBM/OTHERS/S/01	Conceptual Studies and Front End Engineering Design for field development.
	RIL/DEV/CBM/OTHERS/S/02	Detailed Engineering of field development including associated Onshore facilities
	RIL/DEV/CBM/OTHERS/S/03	Project Management Consultancy Services.
	RIL/DEV/CBM/OTHERS/S/04	Services of System Integrator and Technology Partner for delivery of IT solutions and Technology Implementation to CBM Business.
	RIL/DEV/CBM/OTHERS/S/05	Design Review, Appraisal, Certification and Verification Agency for Onshore facilities.
	RIL/DEV/CBM/OTHERS/S/06	Reliability, Availability, Maintainability Studies
	RIL/DEV/CBM/OTHERS/S/07	Geo-technical Surveys / Soil Investigation (Onshore ).
	RIL/DEV/CBM/OTHERS/S/08	Well Completion Design Service.
	RIL/DEV/CBM/OTHERS/S/09	CHA/Freight forward/Transport services for inland and off shore

	RIL/DEV/CBM/OTHERS/S/10	Hiring of Plant & Machinery, Material Handling Equipments and related Services required at various bases and sites. Vz. Cranes, Hydra, Forklifts etc.
	RIL/DEV/CBM/OTHERS/S/11	Providing Miscellaneous Services like Vehicle Hiring, Catering, Manpower Supply, Structural and Mechanical Fabrication, etc at various bases and sites.
	RIL/DEV/CBM/OTHERS/S/12	Manpower Recruitment and Supply Agencies
0.11	RIL/DEV/CBM/OTHERS/S/13	Services for land information system (LIS)
Other Services (Contd)	RIL/DEV/CBM/OTHERS/S/14	Security services
(00110)	RIL/DEV/CBM/OTHERS/S/15	Services for O&M of helicopter and aviation
	RIL/DEV/CBM/OTHERS/S/16	Services for hiring of helicopter
	RIL/DEV/CBM/OTHERS/S/17	Hiring of explosive van
	RIL/DEV/CBM/OTHERS/S/18	Hiring of Architecture for setting up Infrastructrue facilities.
		Contract for Hard topping/tar matting of roads and Supply of Bitumen & Asphalt Concretes
		Any other Equipment, Materials and Services not included above.
	RIL/DEV/CBM/OTHERS/S/21	Environmental Impact Studies, Risk Assessment, Environmental Audit, Environmental Monitoring, ground wate level monitoring, land subsidence movement monitoring
	RIL/DEV/CBM/OTHERS/S/22	Occupational health surveillance
	RIL/DEV/CBM/OTHERS/S/23	Development and maintenance of green belt
	RIL/DEV/CBM/OTHERS/S/24	Servicing of fire fighting and allied equipment
	RIL/DEV/CBM/OTHERS/S/25	Man power for Fire fighting/medical services
	RIL/DEV/CBM/OTHERS/S/26	Safety Auditing
	RIL/DEV/CBM/OTHERS/S/27	Training on HSEF related topics
		Testing and inspection of lifting equipment, tools and tackles, pressure vessels, etc

	RIL/DEV/CBM/OTHERS/M/01	Software and hardware for E&P database
	RIL/DEV/CBM/OTHERS/M/02	Geological, geophysical and reservoir Software/hard ware
	RIL/DEV/CBM/OTHERS/M/03	Software and hardware for data management, drilling, mud engineering, cementing, HSE, etc
	RIL/DEV/CBM/OTHERS/M/04	Software and hardware for Production, completion, stimulation, etc
	RIL/DEV/CBM/OTHERS/M/05	Software and hardware for material management
	RIL/DEV/CBM/OTHERS/M/06	Environment monitoring equipment
Other Material	RIL/DEV/CBM/OTHERS/M/07	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
	RIL/DEV/CBM/OTHERS/M/08	All equipment for fire stations
	RIL/DEV/CBM/OTHERS/M/09	Ambulances and medical facilities
	RIL/DEV/CBM/OTHERS/M/10	Equipment, Instruments and chemicals for effluent/water/waste treatment plant
	RIL/DEV/CBM/OTHERS/M/11	Total flooding system (CO2, Argonite, FM-200 or any other gaseous agent)
	RIL/DEV/CBM/OTHERS/M/12	AFFF - 30% Foam Concentrate
	RIL/DEV/CBM/OTHERS/M/13	Hanger Support & U Bolts.
	RIL/DEV/CBM/OTHERS/M/14	Deluge Valves with pressure switches and solanoid valves
	RIL/DEV/CBM/OTHERS/M/15	Building Fire Alarm System.
	RIL/DEV/CBM/OTHERS/M/16	Alarm Valve with retarding Chambers and Water Gong.
	RIL/DEV/CBM/OTHERS/M/17	Potable water treatment Package
	RIL/DEV/CBM/OTHERS/M/18	Sewage Treatment Plant.
	RIL/DEV/CBM/OTHERS/M/19	Effluent /solid waste Treatment Plant.

	RIL/DEV/CBM/OTHERS/M/20	Production Simulation system.
		Gas Dehydration and MEG/TEG Regeneration Package including engineering
	RIL/DEV/CBM/OTHERS/M/22	Instrument Air/ Plant Air Compressors and all associated equipment.
	RIL/DEV/CBM/OTHERS/M/23	Air Dryer Unit
	RIL/DEV/CBM/OTHERS/M/24	Cooling Tower.
	RIL/DEV/CBM/OTHERS/M/25	Chemical Dosing System.
	RIL/DEV/CBM/OTHERS/M/26	Sidestream filters for cooling water.
	RIL/DEV/CBM/OTHERS/M/27	Helicopter Hanger Doors.
	RIL/DEV/CBM/OTHERS/M/28	Blast Resistant Doors.
Other Material	RIL/DEV/CBM/OTHERS/M/29	Fireproofing Material
(Contd)	RIL/DEV/CBM/OTHERS/M/30	Insulation (Hot and Cold) for Equipment/Piping etc.
	RIL/DEV/CBM/OTHERS/M/31	D.M. Water Package.
	RIL/DEV/CBM/OTHERS/M/32	All other Utility System Packages
	RIL/DEV/CBM/OTHERS/M/33	Different types of Paints and Painting Accessories and Insulation Materials & Accessories
	RIL/DEV/CBM/OTHERS/M/34	Lighting and Electrification of Roads, Plants and Building Including Cables, Masts, Electrical fittings, & Accessories, Fire Protection Work including Material etc.
	RIL/DEV/CBM/OTHERS/M/35	Packing Materials, Tarpaulins, PVC/GI Sheets.
	RIL/DEV/CBM/OTHERS/M/36	Plant & Machinery, Material Handling Equipments and related Services required at various bases and sites. Vz. Cranes, Hydra, Forklifts etc.
	RIL/DEV/CBM/OTHERS/M/37	Reservoir Monitoring system

Details required to be submitted by the Bidders for (RIL/E&P/EOI/2008/ 04 ) are as below:

1. Detailed specification of Equipment for the category of Expression of Interest,

2. Detailed catalogue / product sheet for the Equipment / Material for Supply.

3. Organizational chart and experience & qualification of key personnel.

4. List of similar contracts executed in preceding 3 years with performances (Please state Current contractual positions & availability of the equipment offered).

5. Details of QHSE policy, including safety statistics of the company in the last 3 years.

6. Company profile and audited financial results for the last 3 years. (Note : All the details to be submitted as per the Table1 given below.)

7. Any other information that will establish that the company is a competent material / service provider.

## Table 1

# SUMMARY SHEET

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

					Brief			
					summary	Similar		
			Company's past		of QHSE	Contracts		Company
E	Broad		performance and	Client's	Policy /	ongoing /		profile &
Services S	Specifications		supply record in	Name	Procedure	in hand	Availabilit	Turnover
(Independent(	as	Limitations,	India (last 5	(last 5	(last 5	with time	y in early	(last 3
/ Combined)	applicable)	if any	years)	years)	years)	frame	2009	years)

# NOTE: SUMMARY SHEET SHALL BE CONSIDERED FOR PRELIMINARY EVALUATION WHEREVER REQUIRED ATTACH DETAILED WRITEUP WITH ENCLOSURES

Interested bidders are requested to submit their Expression of Interest within 14 days of publication of this advertisement along with the documents as stated in above (no price details are to be included). The envelope containing Expression of Interest should be superscribed as **RIL/E&P/EOI/2008/04** along with Category Reference Number.