

RELIANCE INDUSTRIES LIMITED Petroleum Business (E&P) Notice Inviting Expression of Interest (RIL/E&P/EOI/2020/01) (Under International Competitive Bidding)

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

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

CATEGORY NO	CATEGORY DESCRIPTION	
OAM/KGD6/2020/1	Equipment, Materials & Services (incl. Administrative related services) for Operation and Maintenance of Onshore & Offshore facilities	
DEV/KGD6/2020/2	Detailed Engineering Consultancy (DEC) Services for provision of Utilities and Integration of Additional MEG Reclamation Facilities	
DEV/KGD6/2020/3	Construction and Installation Services for MEG Reclamation Facilities, Utilities and associated Civil & Piling work	
DEV/KGD6/2020/4	Miscellaneous Services for MEG Reclamation Facilities	
DEV/KGD6/2020/5	Supply of Equipment, Materials and bulks for MEG Reclamation Facilities, water management facilities and utilities	
DEV/KGD6/2020/6	Detailed Engineering, Procurement, Construction and Commissioning services for integration of Additional MEG Reclamation Facilities on EPC basis	
DEV/KGD6/2020/7	DEC Services for water management facilities	
DEV/KGD6/2020/8	Services related to surveys and studies	
DEV/KGD6/2020/9	Construction services for OT modifications and water management facilities	
DEV/KGD6/2020/10	Third Party Inspection Services for Procurement, Construction and Installation for OT modifications and water management facilities	
DEV/KGD6/2020/11	Supply of Equipment, Materials and bulks for EHV transmission line, switch yard and associated facilities	
DEV/KGD6/2020/12	Engineering, Procurement and Construction services for EHV Transmission line, switch yards, transformer bays, metering bays, switching stations, feeders etc.	
DEV/KGD6/2020/13	DEC services for EHV transmission lines, switch yards and interface with existing ISBL power distribution network	
DEV/KGD6/2020/14	Supply, installation and commissioning of Offshore Radar Video Surveillance (RVS) System	
DEV/KGD6/2020/15	Supply installation and commissioning of Offshore Video System for Security Surveillance and Process Monitoring	

Interested Contractors/Vendors are requested to visit our website www.ril.com for further details on the above and submit their EOI through e-mail on deveoiresponse.eandp@ril.com, on or before 26 October 2020. Subject of the mail should mention "RIL/E&P/EOI/2020/01" along with category number. For documents size beyond 10 MB, Contractors/Vendors should request RIL through e-mail to provide FTP link for uploading EOI documents. RIL will later ask Contractors/Vendors to submit hard copies of their EOI in duplicate along with electronic copy on CD/ DVD/Pen Drive with all details through courier / post.

Address for Communication:

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

CIN: L17110MH1973PLC019786

Further details on the above requirements are as below:

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

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DEV/KGD6/2020/3	Construction and Installation Services for MEG Reclamation Facilities, Utilities and associated Civil & Piling work	
DEV/KGD6/2020/4	Miscellaneous Services for MEG Reclamation Facilities	
DEV/KGD6/2020/5	Supply of Equipment, Materials and bulks for MEG Reclamation Facilities, water management facilities and utilities	
DEV/KGD6/2020/6	Detailed Engineering, Procurement, Construction and Commissioning services for integration of Additional MEG Reclamation Facilities on EPC basis	
DEV/KGD6/2020/7	DEC Services for water management facilities	
DEV/KGD6/2020/8	Services related to surveys and studies	
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DEV/KGD6/2020/14	Supply, installation and commissioning of Offshore Radar Video Surveillance (RVS) System	
DEV/KGD6/2020/15	Supply installation and commissioning of Offshore Video System for Security Surveillance and Process Monitoring	

<u>Category No: OAM/KGD6/2020/1 for Equipment, Materials & Services (incl. Administrative related services) for Operation and Maintenance of Onshore & Offshore facilities</u>

Scope

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

> Contractor/Vendor shall submit:

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

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

CATEGORY NO	CATEGORY DESCRIPTION
OAM/KGD6/2020/1.1	Medical & Support Services.
OAM/KGD6/2020/1.2	Services for Operation & Maintenance of Information Technology Assets.
OAM/KGD6/2020/1.3	Services for Operation and Maintenance of Guest House.
OAM/KGD6/2020/1.4	Services for Housekeeping and Catering at Offshore platform (CRP).
OAM/KGD6/2020/1.5	Services for providing Industrial Canteen Facility.
OAM/KGD6/2020/1.6	Services for Maintenance of Mechanical Equipment & Systems (Rotary & Static).
OAM/KGD6/2020/1.7	Services for Maintenance of Electrical Equipment & Systems.
OAM/KGD6/2020/1.8	Services for Maintenance of Instrumentation Systems.
OAM/KGD6/2020/1.9	Services for Building Maintenance and Associated Civil
OAW/RGD0/2020/1.9	Construction & Maintenance jobs.
OAM/KGD6/2020/1.10	Services for Fabrication of Piping & Structural Works.
OAM/KGD6/2020/1.11	Services for Industrial Plant Painting Jobs.
OAM/KGD6/2020/1.12	Services for Operation of HVAC Systems & Maintenance of HVAC Equipment & its associated ancillary Systems, Package A/C's and Domestic A/C's
OAM/KGD6/2020/1.13	Services for Operation & Maintenance of Water treatment and Purification Plant such as ETP, STP, De-salination, Fire Water System etc.
OAM/KGD6/2020/1.14	Services of Material Handling Equipment such as Crane, Hydra crane, Fork lift, Trailers, Trucks and Pickup vans etc.
OAM/KGD6/2020/1.15	Services for Operation & Maintenance of Fire Station.
OAM/KGD6/2020/1.16	Supply of different types of chemicals used in Oil & Gas Industry such as Production Chemicals, Chemicals used in Storage Tanks, Chemicals used for prevention of scaling, prevention of corrosion, prevention of wax formation, flow improvers, antibacterial, emulsifiers, de-emulsifiers, flocculants etc. for both Offshore & Onshore application.
OAM/KGD6/2020/1.17	Supply of Aviation Turbine Fuel Jet 1 Grade used in the Helicopter operation (Air logistic) at Gadimoga onshore terminal

OAM/KGD6/2020/1.18	Services for Bulk Liquid Transportation of Condensate/ other Hydrocarbons.
OAM/KGD6/2020/1.19	Services for Employee transportation services through A/C buses / LMVs
OAM/KGD6/2020/1.20	Services for Integrated facility management
OAM/KGD6/2020/1.21	Services for Green belt maintenance and horticulture works
OAM/KGD6/2020/1.22	Supply of soil for horticulture and other purposes

Category No: DEV/KGD6/2020/2 for Detailed Engineering Consultancy (DEC) Services for provision of Utilities and Integration of Additional MEG Reclamation Facilities

Scope

Detailed Engineering Consultancy Services for provision of Utilities and Integration of Additional MEG Reclamation Facilities at Onshore Gas Terminal

> Contractor shall submit

- Experience in providing similar type of service in last ten years.
- Contractor to provide details of contract executed along with salient features of contract viz technical information, order value and client contact details.
- Details of Equipment/Resources directly owned and details 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 and any relevant certification including safety statistics of the company in the last five years.
- Any other relevant information that will establish that Contractor is a competent service provider.

<u>Category No: DEV/KGD6/2020/3 for Construction and Installation Services for MEG Reclamation</u> <u>Facilities, Utilities and associated Civil and Piling works</u>

Scope

Construction and Installation Services for MEG Reclamation Facilities, Utilities and associated Civil and Piling works

Contractor shall submit

- Experience in providing similar type of service in last ten years.
- Contractor to provide details of contract executed along with salient features of contract viz technical information, order value and client contact details.
- Details of Equipment/Resources directly owned and details 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 and any
 relevant certification including safety statistics of the company in the last five years.
- Any other relevant information that will establish that Contractor is a competent service provider.

Category No: DEV/KGD6/2020/4 for Miscellaneous Services for MEG Reclamation Facilities

Scope

Miscellaneous Services for MEG Reclamation Facilities and utilities

Contractor shall submit

- Experience in providing similar type of equipment/ material/ service in last ten years.
- Contractor to provide details of order/ contract executed along with salient features of order/ contract viz technical information, order value and client contact details.
- Details of Equipment/Resources directly owned and details 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 and any relevant certification including safety statistics of the company in the last five 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:

		Description	Reference No.
		Design, Supply and Installation of various types of piles	DEV/KGD6/2020/4.1
		2. Metallurgical testing services for MEG Reclamation Facilities	DEV/KGD6/2020/4.2
		3. MEG Chemistry studies including pH mapping, scaling, precipitation, chemical selection etc.	DEV/KGD6/2020/4.3
		4. Geo Technical Services	DEV/KGD6/2020/4.4
Miscellaneous		5. Soil Investigation Services	DEV/KGD6/2020/4.5
Services for Reclamation	MEG	6. Installation of GRE piping	DEV/KGD6/2020/4.6
Facilities		7. Power system studies	DEV/KGD6/2020/4.7
T dominos		8. Third Party Inspection Services.	DEV/KGD6/2020/4.8
		9. Third Party Consultancy services for QRA, Noise study, Environment Impact Assessment, HAZOP, SIL, FSSR and other safety studies	DEV/KGD6/2020/4.9
		10. Transportation route survey	DEV/KGD6/2020/4.10
		11. IT services and supply of software	DEV/KGD6/2020/4.11
		12. Design & Review of Fire Detection & Suppression System	DEV/KGD6/2020/4.12
		13. Hazardous waste disposal services	DEV/KGD6/2020/4.13
		14. Specialized consultancy services for Geo-technical and structural analysis	DEV/KGD6/2020/4.14

<u>Category No: DEV/KGD6/2020/5 for Supply of Equipment, Materials and bulks for MEG Reclamation Facilities, water management facilities and utilities</u>

Scope

Supply of Equipment, Materials and bulks for MEG Reclamation Facilities, water management facilities and utilities

> Contractor shall submit

- Experience in providing similar types of Equipment/ Material/ Service in last ten years. Contractor to provide details of order/ contract executed along with salient features of work viz technical information, order value and client contact details.
- Details of Equipment/Resources directly owned and details 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 and Quality Assurance systems followed and any relevant certification including safety statistics of the company in the last five 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:

	Description	Reference No.
	A. Supply of Civil items	
	1. Piles	DEV/KGD6/2020/5A.1
Supply of Equipment,	2. Structural steel and TOR steel	DEV/KGD6/2020/5A.2
Materials and bulks for	3. Cement	DEV/KGD6/2020/5A.3
MEG Reclamation	B. Supply of Mechanical Packages and Equipment	
Facilities, water management facilities	 Pressure Vessels, Distillation Columns (Cladded and Non-Cladded) 	DEV/KGD6/2020/5B.1
and utilities	Internals for Pressure Vessel and Column	DEV/KGD6/2020/5B.2
	3. API Pumps	DEV/KGD6/2020/5B.3
	4. Non-API Pumps	DEV/KGD6/2020/5B.4
	5. Sea Water lift Pumps	DEV/KGD6/2020/5B.5

6. Liquid ring Vacuum Pumps 7. Screw pumps 8. Heat exchangers (Shell tube type, Spiral type and plate type etc.) 9. Air cooled heat exchangers 10. Air-conditioning, ventilation and Pressurization System equipment and accessories for safe area 11. Air-conditioning, ventilation and Pressurization System equipment and accessories for safe area 12. Air Cooled and Water-Cooled Chillers. 13. Process Chiller package 14. Insulation (Hot and Cold) for Equipment / Piping etc. 15. Chemical Dosing Packages. 16. EOT Cranes, Hoists and chain pulley block suitable for Hazardous area 17. Blast Proof and Blast Resistant Doors and Dampers. 18. PSA type Nitrogen Generation Package 19. Liquid Nitrogen vaporizer package 20. Water Treatment Plant 21. Effluent Treatment Plant 22. Air Compressor (Dry screw/Air-cooled) Package DEV/KGD6/2020/5B.12 23. Air dryper package 24. Desalination plant including pre-treatment package and other associated facilities 25. Supply of Electrical Equipment and Bulks 26. Supply of Electrical Equipment and Bulks 27. Edde Transformers (> 2.5 MVA) 28. Pose Transformers (> 2.5 MVA) 39. FRP Cable trays - Ladder & perforated type with accessories 40. Gl Cable trays - Ladder & perforated type with accessories 41. Liquid National Package DEV/KGD6/2020/5C.2 42. Bus Duct DEV/KGD6/2020/5C.2 43. Lighting Fixtures (Office area) DEV/KGD6/2020/5C.2 44. Use Subut Det DEV/KGD6/2020/5C.2 45. Supply of Electrical Equipment and Bulks 46. Gl Cable trays - Ladder & perforated type with accessories 47. Desaling Package DEV/KGD6/2020/5C.2 48. HV Switchgears and Switchboards (3.3 kV, 6.6 kV, 11 beV/KGD6/2020/5C.2 49. Electrical Haguipment and Bulks 49. Device Package DevikgD6/2020/5C.2 40. Electrical Heat Tracing System DevikgD6/2020/5C.3 40. Electrical Heat Tracing System DevikgD6/2020/5C.3 41. Lighting Fixtures (Office area) DevikgD6/2020/5C.4 41. Lighting Fixtures (Office area) DevikgD6/2020/5C.1 41. Lighting Fixtures for Hazardous Area DevikgD6/2020/5C.1 42. Lighting Fixtures for Hazardous Area DevikgD6/2020/5C.1 43. Lightin	 7. Screw pumps 8. Heat exchangers (Shell tube type, Spiral type and plate type etc.) 9. Air cooled heat exchangers 	DEV/KGD6/2020/5B.7 DEV/KGD6/2020/5B.8 DEV/KGD6/2020/5B.9 DEV/KGD6/2020/5B.10
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Centers / PMCC / PCC 25. Lighting and power distribution boards indoor / Outdoor DEV/KGD6/2020/5C.25		
	Centers / PMCC / PCC	
installation	25. Lighting and power distribution boards indoor / Outdoor installation	DEV/KGD6/2020/5C.25
26. Push button station, sockets, JBs, etc. – Suitable for hazardous area installation		DEV/KGD6/2020/5C.26

	Push button station, sockets, JBs, etc. – Industrial type suitable for safe area installation	DEV/KGD6/2020/5C.
D. S	Supply of Instrumentation equipment and bulks	
1.	Process Control & Monitoring System – Integrated Control System (DCS, ESD, MIS)	DEV/KGD6/2020/5D.
2.	Fire & Gas Detection System with associated field devices and accessories, building fire alarm system	DEV/KGD6/2020/5D.
3.	Machine Condition Monitoring System.	DEV/KGD6/2020/5D.
4.	Pressure safety valves, Vacuum/Breather Safety Valves, Rupture discs	DEV/KGD6/2020/5D.
5.	Control Valves	DEV/KGD6/2020/5D.
6.	Self-acting and Pressure Regulating Valves	DEV/KGD6/2020/5D.
7.	Pneumatic and Hydraulic On-Off Valves	DEV/KGD6/2020/5D.
8.	Motor Operated On-Off Valves	DEV/KGD6/2020/5D.
9.	CCTV System	DEV/KGD6/2020/5D.
10.	Instrumentation Cables and Foundation Field bus cables	DEV/KGD6/2020/5D.
11.	Fiber Optic Cables	DEV/KGD6/2020/5D.
12.	HPDE ducts for fiber optic cables	DEV/KGD6/2020/5D.
	Pressure and Temperature Transmitters	DEV/KGD6/2020/5D.
	Pressure and Temperature gauges	DEV/KGD6/2020/5D.
	Flow Transmitters	DEV/KGD6/2020/5D.
_	Level Instruments	DEV/KGD6/2020/5D.
	Primary Flow Instrument – Orifice/Venturi/Restriction	DEV/KGD6/2020/5D.
	Orifice	DEV/KGD6/2020/5D.
	pH and Conductivity Meter, Analyzer	DEV/KGD6/2020/5D.
	Corrosion monitoring system Junction boxes	DEV/KGD6/2020/5D.
	Instrument tubing and fittings Multi Cable Transit	DEV/KGD6/2020/5D.
		DEV/KGD6/2020/5D. DEV/KGD6/2020/5D.
	Instrument valves and other bulks	
	RTD/Thermocouple with thermowell & assemblies	DEV/KGD6/2020/5D.
	Security automation system.	DEV/KGD6/2020/5D.
	PA/GA System	DEV/KGD6/2020/5D.
	PA/GA cables	DEV/KGD6/2020/5D.
	IT and Telecom equipment and accessories	DEV/KGD6/2020/5D.
E. S	Supply of Piping items and bulks	
1.	Pipes of (NACE / Non NACE) CS and LTCS	DEV/KGD6/2020/5E.
2.	Pipes of (NACE / Non NACE) SS, DSS, Super Duplex	DEV/KGD6/2020/5E.
3.	Pipes of (NACE / Non NACE) 6Mo	DEV/KGD6/2020/5E.
4.	Pipes of GI	DEV/KGD6/2020/5E.
5.	Piping Fittings of (NACE / Non NACE) CS and LTCS	DEV/KGD6/2020/5E.
6.	Piping Fittings of (NACE / Non NACE) SS, DSS, Super Duplex	DEV/KGD6/2020/5E.
7.	Piping Fittings of (NACE / Non NACE) 6Mo	DEV/KGD6/2020/5E.
8.	Piping Fittings of GI	DEV/KGD6/2020/5E.
_		DEV/KGD6/2020/5E.
9.	Flanges of (NACE / Non NACE) CS and LTCS	DEV/KGD6/2020/5E.
	Flanges of (NACE / Non NACE) SS, DSS, Super Duplex	
	Flanges of (NACE / Non NACE) 6Mo	DEV/KGD6/2020/5E.
	Flanges of GI	DEV/KGD6/2020/5E.
13.	Supply of Gate, Globe, Check, Ball and Butterfly type of Piping Valves of (NACE / Non NACE) CS, LTCS, SS, 6Mo, DSS and Super Duplex	DEV/KGD6/2020/5E.
14.	Supply of Plug valves of (NACE / Non NACE) CS, LTCS, SS, 6Mo, DSS and Super Duplex	DEV/KGD6/2020/5E.

15	Supply of Axial flow non-slam check valves of (NACE / Non NACE) CS, LTCS, SS, 6Mo, DSS and Super Duplex	DEV/KGD6/2020/5E.15
4.0		DEV///CDC/2020/FE 40
16	Supply of air release valves of (NACE / Non NACE) CS, LTCS, SS, 6Mo, DSS and Super Duplex	DEV/KGD6/2020/5E.16
17	7. Supply of needle valves of (NACE / Non NACE) CS,	DEV/KGD6/2020/5E.17
	LTCS, SS, 6Mo, DSS and Super Duplex	
18	B. HDPE Pipes	DEV/KGD6/2020/5E.18
). HPDE fitting	DEV/KGD6/2020/5E.19
	Piping Specialty Items and supports	DEV/KGD6/2020/5E.20
21	. Coatings and Wrappings for corrosion protection of UG	DEV/KGD6/2020/5E.21
	pipes	
22	2. Design and supply of Cathodic protection system for	DEV/KGD6/2020/5E.22
	corrosion protection	
23	3. GRE Pipes & Fittings	DEV/KGD6/2020/5E.23
	FRP Pipes & Fittings	DEV/KGD6/2020/5E.24
	i. Insulation for piping / Equipment / Vessels	DEV/KGD6/2020/5E.25
	5. Stud bolts and nuts	DEV/KGD6/2020/5E.26
27	. Gaskets and Insulating gaskets	DEV/KGD6/2020/5E.27
	 Process strainers (Y-type, Basket type, T-type, cone type etc.) 	DEV/KGD6/2020/5E.28
29). Flame arrestors	DEV/KGD6/2020/5E.29
). Hose and Hose couplings	DEV/KGD6/2020/5E.30
	. Air/ Gas traps	DEV/KGD6/2020/5E.31
	2. Injection quills	DEV/KGD6/2020/5E.32
	B. Sample coolers	DEV/KGD6/2020/5E.33
	Bellows (metallic and Non-metallic)	DEV/KGD6/2020/5E.34
F.	Supply of Fire protection system items	
1.	Supply and application of Fire Proofing.	DEV/KGD6/2020/5F.1
2.	Supply of Fire Fighting System and Equipment	DEV/KGD6/2020/5F.2
3.	Supply of clean agent fire suppression system	DEV/KGD6/2020/5F.3
4.	Deluge Valves	DEV/KGD6/2020/5F.4
5.		DEV/KGD6/2020/5F.5
	foam monitors	
6.	Spray Nozzles	DEV/KGD6/2020/5F.6
7.	Fire hose, Fire cabinet, Hose reel etc.	DEV/KGD6/2020/5F.7
8.	All types of fire extinguishers	DEV/KGD6/2020/5F.8
9.	Fire water branch pipes, strainers etc.	DEV/KGD6/2020/5F.9

<u>Category No: DEV/KGD6/2020/6 for Detailed Engineering, Procurement, Construction and Commissioning services for integration of Additional MEG Reclamation Facilities on EPC basis</u>

> Scope broadly includes the following

- Detail Engineering for integration of Additional MEG Reclamation Facilities
- Procurement of associated utility systems (Instrument Air, Nitrogen, Chillers etc), electrical power distribution system, integrated control system, piping bulks, etc. Modification in existing Effluent Treatment Plant including package engineering and supply of package components is also included in scope.
- Construction and Installation of MEG Reclamation Facilities and associated utilities
- Commissioning Services

> Contractor shall submit

- Experience in executing similar type of work in last five years. Contractor to provide details of order/ contract executed along with salient features of work viz technical information, order value and client contact details.
- Company profile and audited financial results (balance sheet) for last five years.
- Details of engineering resources and key technical personnel.

- Details of construction equipment and resources directly owned.
- Present work commitments and anticipated work load.
- Brief on Health, Safety, Environment and Quality Assurance systems followed and any relevant certification including safety statistics of the company in the last five years.

Any other relevant information that will establish that Contractor is a competent EPC service provider.

Category No: DEV/KGD6/2020/7 for DEC Services for water management facilities

Scope

DEC services for water management facilities at OT which includes the following:

- Construction of water retaining structures (earthen ponds and/or RCC tanks) along with pumping system, water transportation pipeline (metallic/non metallic) and associated facilities
- Desalination plant along with pre-treatment plant and associated facilities
- Lifting of water from creek which includes water intake well, transportation pipeline, settling tanks, disposal of sludge, waste water, etc. along with associated facilities

> Contractor shall submit:

- Experience in providing similar type of services in last ten years.
- Contractor to provide details of contracts executed along with salient features of contracts viz technical information, order value and client contact details.
- Details of Equipment and Resources directly owned and details 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 and Quality Assurance systems followed and any relevant certification including safety statistics of the company in the last five years.
- Valid ISO Certification or Documented Quality Management System
- Any other relevant information that will establish that Contractor is a competent service provider.

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

	Description	Reference No.
DEC Services for water management facilities	1. DEC Services for construction of water retaining structures (earthen ponds and/or RCC tanks) along with pumping system, water transportation pipeline (metallic/non metallic) and associated facilities	DEV/KGD6/2020/7.1
	2. DEC Services for desalination plant along with pre-treatment plant and associated facilities	DEV/KGD6/2020/7.2
	3. DEC Services for lifting of water from creek which includes water intake well, transportation pipeline, settling tanks, disposal of sludge, waste water, etc. along with associated facilities	DEV/KGD6/2020/7.3

Category No: DEV/KGD6/2020/8 for Services related to surveys and studies

> Scope

Services related to various surveys and studies

Contractor shall submit:

- Experience in providing similar type of service in last ten years.
- Contractor to provide details of contracts executed along with salient features of contracts viz technical information, order value and client contact details.
- Details of equipment directly owned and details of key technical personnel.
- Company profile and audited financial results (balance sheet) for last five years.
- Present work commitments and anticipated work load.
- Health, Safety, Environment (HSE) policy followed and any relevant certification including HSE statistics of the company for the last five years.
- Any other relevant information that will establish that Contractor is a competent service provider.
- Contractors are requested to respond to one or more of following sub-categories:

	Description	Reference No.
	Services for Bathymetry, Sea water analysis and current data survey	DEV/KGD6/2020/8.1
	Services for Hydrological survey and studies	DEV/KGD6/2020/8.2
	Services for Geo technical investigations	DEV/KGD6/2020/8.3
Surveys and studies	Services for Pipeline route survey	DEV/KGD6/2020/8.4
	Services for Topographical survey	DEV/KGD6/2020/8.5
	6. Services for Marine Environmental Impact Assessment studies	DEV/KGD6/2020/8.6
	7. Services for ROU acquisition	DEV/KGD6/2020/8.7
	8. Specialized consultancy services for Geo-technical and structural analysis	DEV/KGD6/2020/8.8
	Route survey for transmission lines	DEV/KGD6/2020/8.9

<u>Category No: DEV/KGD6/2020/9 for Construction services for OT modifications and water management facilities</u>

Scope

Construction services for various OT modifications and water management facilities which includes following:

- Modification of structures and buildings which mainly includes civil, structural, piling, etc.
- Construction of water retaining structures (earthen ponds and/or RCC tanks) and installation of associated facilities which includes civil, structural, mechanical, electrical, instrumentation, pipeline, piping, etc.
- Construction of desalination plant along with pre-treatment plant, intake well and installation of associated facilities for lifting the water from creek

Contractor shall submit:

- Experience in providing similar type of service in last ten years.
- Contractor to provide details of contract executed along with salient features of contract viz technical information, order value and client contact details.
- Details of Equipment/Resources directly owned and details 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 and any relevant certification including safety statistics of the company in the last five years.
- Any other relevant information that will establish that Contractor is a competent service provider.
- Contractors are requested to respond to one or more of following sub-categories:

	Description	Reference No.
	Construction services for modification of structures and buildings which mainly includes civil, structural, piling, etc.	DEV/KGD6/2020/9.1
Construction services for various OT modifications and water management	2. Construction services for water retaining structures (earthen ponds and/or RCC tanks) and installation of associated facilities which includes civil, structural, mechanical, electrical, instrumentation, pipeline, piping, etc.	DEV/KGD6/2020/9.2
facilities	 Construction services for desalination plant along with pre-treatment plant, intake well and installation of associated facilities for lifting the water from creek 	DEV/KGD6/2020/9.3

<u>Category No: DEV/KGD6/2020/10 for Third Party Inspection Services for Procurement,</u> Construction and Installation for OT modifications and water management facilities

Scope

Third Party Inspection Services for Procurement, Construction and Installation for OT modifications and water management facilities.

Contractor shall submit:

- Experience in providing similar type of service in last ten years.
- Contractor to provide details of contract executed along with salient features of contract viz technical information, order value and client contact details.
- Details of office locations & key technical personnel.
- Company profile and audited financial results (balance sheet) for last five years.
- Present work commitments and anticipated work load.
- Valid ISO 9001-2015 Certification.
- Brief on Health, Safety, Environment (HSE) and Quality Assurance systems followed and any relevant certification including safety statistics of the company in the last five years.
- Any other relevant information that will establish that Contractor is a competent service provider.

Category No: DEV/KGD6/2020/11 for Supply of Equipment, Materials and bulks for EHV transmission line, switch yard and associated facilities

Scope

Supply of Equipment, Materials and bulks for EHV transmission line, switch yard and associated facilities

> Contractor shall submit

- Experience in providing similar types of Equipment/ Material/ Service in last ten years. Contractor to provide details of order/ contract executed along with salient features of work viz technical information, order value and client contact details.
- Company profile and audited financial results (balance sheet) for last five years.
- Present work commitments and anticipated work load.
- Brief on Health, Safety, Environment and Quality Assurance systems followed and any relevant certification including safety statistics of the company in the last five 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:

	Description	Reference No.		
	Power Line Carrier Communication equipment	DEV/KGD6/2020/11.1		
	EHV Current transformers	DEV/KGD6/2020/11.2		
	EHV Potential transformers	DEV/KGD6/2020/11.3		
	4. Lightning Arrestors	DEV/KGD6/2020/11.4		
	5. EHV Air break motorized isolators	DEV/KGD6/2020/11.5		
	6. HV Switchboard (33 kV, 11 kV, 6.6 kV)	DEV/KGD6/2020/11.6		
	7. EHV GIS	DEV/KGD6/2020/11.7		
	8. DC UPS/Battery charger	DEV/KGD6/2020/11.8		
Supply of Equipment, Materials and bulks for	9. Ni-Cd/VRLA batteries	DEV/KGD6/2020/11.9		
EHV transmission line,	10. EHV Circuit Breakers	DEV/KGD6/2020/11.10		
switch yard and	11. EHV Power Transformers (>= 132 kV)	DEV/KGD6/2020/11.11		
associated facilities	12. Control and Relay panel	DEV/KGD6/2020/11.12		
	13. EHV Power Cables	DEV/KGD6/2020/11.13		
	14. EHV Cable end terminations	DEV/KGD6/2020/11.14		
	15. HV Power Cables	DEV/KGD6/2020/11.15		
	16. LV Power & Control Cables	DEV/KGD6/2020/11.16		
	17. SCADA system	DEV/KGD6/2020/11.17		
	18. ACSR/AAAC Conductors for Overhead Line	DEV/KGD6/2020/11.18		
	19. Post insulators	DEV/KGD6/2020/11.19		

Category No: DEV/KGD6/2020/12 for Engineering, Procurement and Construction services for EHV Transmission line, switch yards, transformer bays, metering bays, switching stations, feeders etc.

Scope

Engineering, Procurement and Construction services for EHV Transmission line, switch yards, transformer bays, metering bays, switching stations, feeders etc.

> Contractor shall submit:

- Experience in providing similar type of service in last ten years.
- Contractor to provide details of contract executed along with salient features of contract viz technical information, order value and client contact details.
- Details of Equipment/Resources directly owned and details 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 and any relevant certification including safety statistics of the company in the last five years.
- Any other relevant information that will establish that Contractor is a competent service provider.
- Contractors are requested to respond to one or more of following sub-categories:

	Description	Reference No.	
Engineering, Procurement and	 Engineering, Procurement and Construction services for EHV transmission lines 	DEV/KGD6/2020/12.1	
Construction services for EHV Transmission line, switch yards,	2. Engineering, Procurement and Construction services for EHV switch yards, transformer bays, metering bays, switching stations, feeders etc.	DEV/KGD6/2020/12.2	
transformer bays, metering bays, switching stations, feeders etc.	3. Engineering, Procurement and Construction services for EHV Transmission line, switch yards, transformer bays, metering bays, switching stations, feeders etc.	DEV/KGD6/2020/12.3	

Category No: DEV/KGD6/2020/13 for DEC services for EHV transmission lines, switch yards and interface with existing ISBL power distribution network

> Scope

DEC services for EHV transmission lines, switch yards and interface with existing ISBL power distribution network

> Contractor shall submit:

- Experience in providing similar type of services in last ten years.
- Contractor to provide details of contracts executed along with salient features of contracts viz technical information, order value and client contact details.
- Details of Equipment and Resources directly owned and details of key technical personnel.
- Company profile and audited financial results (balance sheet) for last five years.
- Present work commitments and anticipated work load.
- Valid ISO Certification or Documented Quality Management System
- Any other relevant information that will establish that Contractor is a competent service provider.

<u>Category No: DEV/KGD6/2020/14 for Supply, installation and commissioning of Offshore Radar Video Surveillance (RVS) System</u>

Scope

Supply, installation and commissioning of Radar Video Surveillance System at Offshore location

Contractor shall submit

 Experience in providing similar types of Equipment/ Material/ Service in last five years. Contractor to provide details of order/ contract executed along with salient features of work viz technical information, order value and client contact details.

- Company profile and audited financial results (balance sheet) for last five years.
- Present work commitments and anticipated work load.
- Brief on Health, Safety, Environment and Quality Assurance systems followed and any relevant certification including safety statistics of the company in the last five years.
- Any other relevant information that will establish that Contractor is a competent equipment/ material/ service provider.

<u>Category No: DEV/KGD6/2020/15 for Supply, installation and commissioning of Offshore Video System for Security Surveillance and Process Monitoring</u>

Scope

Supply, installation and commissioning of Long range, Ex proof, night vision, fixed, PTZ and other Cameras for Surveillance and Process area monitoring of Offshore location

> Contractor shall submit

- Experience in providing similar types of Equipment/ Material/ Service in last five years. Contractor to provide details of order/ contract executed along with salient features of work viz technical information, order value and client contact details.
- Company profile and audited financial results (balance sheet) for last five years.
- Present work commitments and anticipated work load.
- Brief on Health, Safety, Environment and Quality Assurance systems followed and any relevant certification including safety statistics of the company in the last five 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/VENDOR'S DETAILS				
Name of the Company				
EOI Ref.				
EOI Date.				
Key Contact Details				
Name:				
Tel No:				
Email:				

SUMMARY SHEET										
Category / Sub-	Category of Equipment	Broad Specifications	Contractor's	List of major clients	Approx.		Compan y profile	Certificates API / ISO or		
category No.	Materials / Services	/ details of Equipment / Vessel / Resources (as applicable)	past performanc e and supply	(covering	Contracts	•	y promie	others as applicable & validity (attach copies)		
				ed Organisations						

Interested Contractors/Vendors are requested to submit their EOI through e-mail on deveoiresponse.eandp@ril.com, on or before 26 October 2020. Subject of the mail should

mention "RIL/E&P/EOI/2020/01" along with category number. For documents size beyond 10 MB, Contractors/Vendors should request RIL through e-mail to provide FTP link for uploading EOI documents. RIL will later ask Contractors/Vendors to submit hard copies of their EOI in duplicate along with electronic copy on CD/ DVD/ Pen Drive with all details through courier / post.

Address for Communication:

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