

Memorandum

To: Honorable Mayor Bill Agan and members of the Richland Hills City Council
From: Jason Moore, Assistant to the City Manager
Date: March 15, 2016
Subject: Construction Materials Testing for the Link

Council Action: Consider agreement with Fugro Consultants for Construction Materials Testing for the Link project.

Background Information: As part of the construction process, it is typical for the owner to provide an independent third-party to test the construction materials installed by the contractor that are specified by the architect. This includes testing soil densities for compaction and moisture, concrete compressive strength and finishes, and other materials as they are constructed. This insures that the technical specifications that are provided by the architect are verified by a third party. It is not to say that we do not trust the contractor but it is good practice to have the testing done by someone other than the contractor. Fugro Consultants is a very reputable testing firm and they are considered professional services. Staff has used them on previous projects and they have an office very close to this project.

Board/Citizen Input: N/A

Financial Impact: \$54,018.40

Staff Contacts: Jason Moore, Assistant to the City Manager, jmoore@richlandhills.com

Attachments: 1) Fugro Consultants Proposal



FUGRO CONSULTANTS, INC.

April 1, 2016
Proposal No. 04.41162033

2517 East Loop 820 N.
Fort Worth, Texas 76118
Tel: 817-284-9595
Fax: 817-284-4480

Mr. Jason Moore
Assistant to the City Manager
CITY OF RICHLAND HILLS
3200 Diana Drive
Richland Hills, Texas 76118

COST ESTIMATE FOR CONSTRUCTION MATERIALS ENGINEERING AND TESTING SERVICES FOR RICHLAND HILLS ACTIVITY CENTER RICHLAND HILLS, TEXAS

Dear Mr. Moore:

We are pleased to submit our cost estimate to provide construction materials testing services for this project. Our estimated cost for the above referenced project is \$54,018.40. A cost breakdown based on the project plans and specifications and some contractor schedule and quantity information is attached. Our firm is a member of the American Council of Engineering Laboratories, meets the basic requirements of ASTM E 329, is AASHTO accredited and is authorized to operate in the State of Texas.

SCOPE OF SERVICES

We estimate that the following services will be required:

- In-place density testing of pavement and sidewalk subgrade, building pad, utility backfill, and other miscellaneous areas;
- Reinforcing steel inspection;
- Concrete placement monitoring and compressive strength testing;
- Pier drilling observation/documentation;
- Structural steel inspection/testing;
- Masonry mortar/grout inspection/testing. - Periodically

BUDGET RECOMMENDATIONS FOR TESTING SERVICES

Our budget recommendations are based upon the project plans and specifications prepared by Barker Rinker Seacat dated March 1, 2016. Unit Fees and Budget Recommendations are attached detailing the number of tests proposed and our unit fees for performance of these tests. Our unit fees include all estimated technician time and administrative charges for performance and review of tests. Our invoices will be based on the enclosed unit rate schedule and only on the actual work performed.

RICHLAND HILLS ACTIVITY CENTER
Proposal No. 04.41162033
April 1, 2016



TERMS AND CONDITIONS

Please see attached schedule 40.01 (Nov. 10) for terms and conditions for providing testing services. This project will be billed on the basis of work performed at the attached unit fees. Our services will be billed monthly with payment expected upon receipt of our invoice. The scheduling of our services at this project will be through the project general contractor.

Materials testing services are for quality control purposes only. Although our personnel do not have responsibility for job site safety of others or stop-work authority, they will conduct their work in a safe, workmanlike manner and will observe work site safety requirements.

To indicate acceptance of our proposal, please have the signature block below signed by a duly authorized person in the space provided and return the attached copy to us for our files. Whoever signs this proposal is identified as our Client as used per the attached proposal and throughout schedule 40.01.

We thank you for the opportunity to submit this proposal and look forward to working with you on this project. Please feel free to contact us if you have any questions or need any additional information.

Sincerely,

FUGRO CONSULTANTS, INC.
TBPE Firm Registration No. 259

King Cook, P.E.
Vice President / Branch Manager

FKC:bi
Enclosures

CLIENT:

_____	_____
Authorizing Signature	Company
_____	_____
Name and Title	Date



PROFESSIONAL AND TECHNICAL FEES

1.0 Analysis, Consultation, and Report Preparation. Fees for our professional services, including project administration, are based on the time of professional, technical, and other support personnel directly applied to the project. Personnel participating in judicial proceedings, whether it be expert or witness testimony, delivery of depositions, consultation to legal counsel, or preparation for such, will be billed at 1.5 times the standard rates quoted below. Overtime rates for hourly personnel will be billed at 1.35 times standard rates. Rates for Sunday and holiday work and emergency response will be quoted on request.

Principal	\$200
Senior Consultant	\$170
Senior Professional	\$150
Project Professional	\$125
Testing Supervisor	\$100
Staff Professional	\$ 90
Specialist Technician	\$ 70
Drafter	\$ 60
Senior Technician	\$ 65
Word Processor	\$ 55
Technician	\$ See attached proposal
Associate Technician	\$ See attached proposal
Technician Trainee	\$ 42

2.0 Other Services. Project may require other services, such as: field exploration, field or laboratory testing, reproduction, or computer services, which are not covered by this schedule.

Notes:

- (1) The above rates are based upon performing these services in non-hazardous, non-toxic environments.**
- (2) Overtime rates are billed after 8 hrs./technician/day and Saturday services and for services provided prior to 7:00 a.m. and after 5:00 p.m. (Sunday/Holiday rates quoted upon request.)**
- (3) All services are billed portal to portal. Minimum 2 hours charge/trip.**
- (4) Our fees do not include temperature control for the initial field-curing environment of the compression test cylinders, or the supplying a temperature controlled curing box. This we would assume to be supplied by the concrete supplier or contractor if required.**



**CONSTRUCTION MATERIALS ENGINEERING AND TESTING SERVICES FOR
RICHLAND HILLS ACTIVITY CENTER
RICHLAND HILLS, TEXAS
PROPOSAL NO. 04.41162033**

1.0 EARTHWORK TESTING

Sample soils in field to perform laboratory tests to establish moisture/density relationships, determination of liquid limit, plastic limit and plasticity of soils, perform in-place density tests on subgrade and backfill.

ITEM	DESCRIPTION	Proposed Quantity	Unit Rate	Amount
1.1	In-Place Density Tests (<i>Minimum 2 Density Tests/trip</i>)	120 ea.	\$17.00	\$2,040.00
1.2	Moisture Density Relationship (ASTM D 698)	4 ea.	\$160.00	\$640.00
1.3	Atterberg Limits Tests (Liquid Limit, Plastic Limit and Plasticity Index tests)	4 ea.	\$50.00	\$200.00
1.4	Percent Passing -- 200	4 ea.	\$30.00	\$120.00
* 1.5	Technician Time (Sampling & Testing) – <i>Regular Time</i>	100 hrs.	\$46.00	\$4,600.00
SUBTOTAL EARTHWORK TESTING				\$7,600.00

** Includes fulltime inspection/testing for the soil moisture conditioning operation. 20 Days/Contractor. 6 Days/week. Besides other areas requiring soil density testing.*

2.0 DRILLED PIER VERIFICATION

Observation of drilled piers installation, placement of reinforcement steel and concrete placement.

ITEM	DESCRIPTION	Proposed Quantity	Unit Rate	Amount
2.1	Pier Drilling Observation – <i>Regular Time</i> 1 Technician (28 Days/Contractor)	224 ea.	\$52.00	\$11,648.00
2.2	Pier Drilling Observation – <i>Overtime</i> 1 Technician (28 Days/Contractor)	112 hrs.	\$70.20	\$7,862.40
SUBTOTAL DRILLED PIER VERIFICATION				\$19,510.40



3.0 CONCRETE TESTING

Sample concrete in field, perform slump and air tests (air entrained concrete) for each set of cylinders. Identify time batched and time of placement, record concrete and ambient temperatures, weather conditions and water added on-site. Cast, transport, test and report as results are made available.

ITEM	DESCRIPTION	Proposed Quantity	Unit Rate	Amount
3.1	Compressive Strength Cylinders (based on 5 ea. 4"x 8" cylinders per set/100 cubic yards 3.1.1 All Placements	300 ea.	\$17.00	\$5,100.00
3.2	Technician Time – Concrete Inspection 3.2.1 All Placements	200 hrs.	\$46.00	\$9,200.00
SUBTOTAL CONCRETE TESTING				\$14,300.00

4.0 MISCELLANEOUS

ITEM	DESCRIPTION	Proposed Quantity	Unit Rate	Amount
4.1	Structural Steel Erection Inspection/Testing	40 hrs.	\$56.00	\$2,240.00
4.2	Compressive Strength Tests of Mortar Cubes	48 ea.	\$14.00	\$672.00
	Technician Time – Periodic Sampling and Inspection of Structural Mortar	30 hrs.	\$46.00	\$1,380.00
4.3	Grout Specimens	64 ea.	\$14.00	\$896.00
	Technician Time – Periodic Sampling – and Inspection of Structural Grout	30 hrs.	\$46.00	\$1,380.00
4.4	Reinforcing Steel Inspection	20 hrs.	\$52.00	\$1,040.00
4.5	Vehicle Charge, trip	100 ea.	\$50.00	\$5,000.00
SUBTOTAL MISCELLANEOUS				\$12,608.00

TOTAL ESTIMATED COST	\$54,018.40
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GENERAL CONDITIONS FOR TECHNICAL SERVICES

1. **Parties to This Agreement**
CLIENT as used herein is the entity who authorizes performance of services by Fugro Consultants, Inc. (FUGRO) under the conditions stated herein. FUGRO as used herein includes, Fugro Consultants, Inc., its employees and officers, and its subcontractors and sub-consultants (including affiliated corporations).
2. **On-site Responsibilities and Risks**
 - 2.1 **Right-of-Entry.** Unless otherwise agreed, CLIENT will furnish unfettered rights-of-entry and obtain permits as required for FUGRO to perform the fieldwork.
 - 2.2 **Damage to Property.** FUGRO will take reasonable precautions to reduce damage to land and other property caused by FUGRO's operations. However, CLIENT understands that damage may occur and FUGRO's fee does not include the cost of repairing such damage. If CLIENT desires FUGRO to repair and/or pay for damages, FUGRO will undertake the repairs and add the pre-agreed cost to FUGRO's fee.
 - 2.3 **Toxic and Hazardous Materials.** CLIENT will provide FUGRO with all information within CLIENT's possession or knowledge as to the potential occurrence of toxic or hazardous materials, or Biological Pollutants (as defined in 9. below) at the site being investigated. If unanticipated toxic or hazardous materials, or biological pollutants are encountered, FUGRO reserves the right to demobilize FUGRO's field operations at CLIENT's expense. Remedialization will proceed following consultation with FUGRO's safety coordinator and CLIENT's acceptance of proposed safety measures and fee adjustments.
 - 2.4 **Utilities and Pipelines.** While performing FUGRO's fieldwork, FUGRO will take reasonable precautions to avoid damage to subterranean and subaqueous structures, pipelines, and utilities. CLIENT agrees to defend, indemnify, and hold FUGRO harmless for any damages to such structures, pipelines, and utilities that are not called to FUGRO's attention and/or correctly shown on plans furnished to FUGRO.
 - 2.5 **Site Safety.** FUGRO is not responsible for the job site safety of others, nor does FUGRO have stop-work authority over work by others. However, FUGRO will conduct its work in a safe, workman-like manner, and will observe the work-site safety requirements of CLIENT that have been communicated to FUGRO in writing.
3. **Standard of Care**
 - 3.1 FUGRO will perform its services consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same location.
 - 3.2 CLIENT acknowledges that conditions may vary from those encountered at the location where borings, surveys, or explorations are made and that FUGRO's data, interpretations, and recommendations are based solely on the information available to FUGRO, and FUGRO is not responsible for the interpretation by others of the information developed.
4. **Limitation of Remedies**
To the greatest extent permitted by law, CLIENT's sole remedy against FUGRO for claims and liabilities in any way arising out of or directly or indirectly related to FUGRO's work for CLIENT will not exceed an aggregate limit of \$50,000 or the amount of FUGRO's fee, whichever is greater, regardless of the legal theory under which remedy is sought, whether based on negligence [whether sole or concurrent, active or passive], breach of warranty, breach of contract, strict liability or otherwise. In the event CLIENT does not wish to limit FUGRO's remedy to this sum, and if CLIENT requests in writing prior to acceptance of this Agreement, FUGRO agrees to negotiate a greater remedy amount in exchange for an increase in scope and fee appropriate to the project and remedy risks involved.
5. **Invoices and Payment**
At FUGRO's discretion, invoices will be submitted at the completion of task elements, or monthly for services rendered. Payment is due upon presentation of FUGRO's invoice and is past due thirty- (30) days from invoice date. CLIENT agrees to pay a financing charge of one percent (1%) per month (or the maximum rate allowable by law, whichever is less), on past due accounts, and agrees to pay attorney's fees or other costs incurred in collecting any delinquent amount.
6. **Data, Records, Work Product and Report(s), and Samples**
Data, Records, Work Product and Report(s) are FUGRO's property. All pertinent records relating to FUGRO's services shall be retained for a minimum of two (2) years after completion of the work. CLIENT shall have access to the records at all reasonable times during said period. FUGRO will retain samples of soil and rock for a minimum of 30 days after submission of FUGRO's report unless CLIENT advises FUGRO otherwise. Upon CLIENT's written request, for an agreed charge FUGRO will store or deliver the samples in accordance with CLIENT's instructions.
7. **Indemnification**
To the extent authorized by law, each party (Indemnitor) shall protect, defend, indemnify and hold harmless the other party (Indemnitee) from and against any claims, damages, losses, and costs arising from this Agreement or the project, including, but not limited to, reasonable attorney's fees and litigation costs, to the extent such claims, damages, losses or costs are caused by the negligence of the Indemnitor regardless of the negligence of the Indemnitee its employees, affiliated corporations, officers, and sub-tier parties in connection with the project.
8. **Consequential Damages**
Notwithstanding any other provision of this Agreement, CLIENT and FUGRO waive and release any claim against the other for loss of revenue, profit or use of capital, loss of services, business interruption and/or delay, loss of product, production delays, losses resulting from failure to meet other contractual commitments or deadlines, downtime of facilities, or for any special, indirect, delay or consequential damages resulting from or arising out of this Agreement, or as a result of or in connection with the work, and whether based on negligence (whether sole or concurrent, active or passive), breach of warranty, breach of contract, strict liability or otherwise.
9. **Biological Pollutants**
FUGRO's scope of work does not include the investigation, detection, or design related to the presence of any Biological Pollutants. The term "Biological Pollutants" includes, but is not limited to, mold, fungi, spores, bacteria, and viruses, and the byproducts of any such biological organisms. CLIENT agrees that FUGRO will have no liability for any claim regarding bodily injury or property damage alleged, arising from, or caused directly or indirectly by the presence of or exposure to any Biological Pollutants. In addition, CLIENT will defend, indemnify, and hold harmless FUGRO from any third party claim for damages alleged to arise from or be caused by the presence of or exposure to any Biological Pollutants. If CLIENT requests in writing prior to acceptance of this Agreement, FUGRO will negotiate a greater limitation amount, and remove CLIENT's responsibilities, in exchange for an increase in fee to develop an expanded scope of work to provide biological pollutant protection.
10. **Acceptance of Agreement**
These GENERAL CONDITIONS have been established in large measure to allocate certain risks between CLIENT and FUGRO. FUGRO will not initiate service without formal agreement on the terms and conditions set forth in these GENERAL CONDITIONS. Acceptance or authorization to initiate services shall be considered by both parties to constitute formal acceptance of all terms and conditions of these GENERAL CONDITIONS. Furthermore, all preprinted terms and conditions on CLIENT's purchase order or purchase order acknowledgment forms are inapplicable to these GENERAL CONDITIONS and FUGRO's involvement in CLIENT's project.
11. **Termination of Contract**
CLIENT and FUGRO may terminate services at any time upon ten (10) days written notice. In the event of termination, CLIENT agrees to fully compensate FUGRO for services performed including reimbursable expenses to the termination date, as well as demobilization expenses. FUGRO will terminate services without waiving any claims or incurring any liability.



CERTIFICATE OF LIABILITY INSURANCE

7/1/2016 DATE (MM/DD/YYYY)
6/24/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

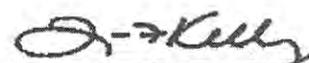
PRODUCER LOCKTON COMPANIES 5847 SAN FELIPE, SUITE 320 HOUSTON TX 77057 866-260-3538	CONTACT NAME	
	(A/C No, Ext):	FAX No:
	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Liberty Mutual Fire Insurance Company	23035
	INSURER B: Liberty Mutual Insurance Company	23043
	INSURER C: Liberty Insurance Corporation	42404
	INSURER D: Lloyds Syndicates	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER: 12309873** **REVISION NUMBER: XXXXXXXX**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

TYPE	TYPE OF INSURANCE	ADOL	SUBR	POLICY NO	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER	Y	Y	TB2-641-005066-035	7/1/2015	7/1/2016	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	Y	Y	A82-641-005066-025	7/1/2015	7/1/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXX \$ XXXXXXXX
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CLAIMS-MADE DED RETENTION \$	Y	Y	3H493797009 MB1503083	7/1/2015 7/1/2015	7/1/2016 7/1/2016	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ XXXXXXXX
C	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WA7-64D-005066-085	7/1/2015	7/1/2016	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER EL EACH ACCIDENT \$ 1,000,000 EL DISEASE - EA EMPLOYEE \$ 1,000,000 EL DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 All policies include a blanket notice of cancellation to certificate holder endorsement, providing for (30) days' advance notice if the policy is cancelled by the company other than for nonpayment of premium, (10) days' notice if the policy is cancelled for nonpayment of premium. Notice is sent to certificate holders with mailing addresses on file with the agent or the company. The endorsement does not provide for notice of cancellation if the named insured requests cancellation. The Workers' Compensation/EL policy includes Longshore & Harbor Workers' Compensation Act Coverage Endorsement per form # WC000106A and Outer Continental Shelf Lands Act Coverage Endorsement per form # WC000109C

CERTIFICATE HOLDER	CANCELLATION See Attachment
12309873 For Bid Purposes Only	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 

All Policies (Except Workers' Compensation/EL) include a blanket automatic additional insured endorsement [provision] that confers additional insured status to the certificate holder only if there is a written contract between the named insured and the certificate holder that requires the named insured to name the certificate holder as an additional insured. In the absence of such a contractual obligation on the part of the named insured, the certificate holder is not an additional insured under the policy.

All Policies include a blanket automatic waiver of subrogation endorsement [provision] that provides this feature only when there is a written contract between the named insured and the certificate holder that requires it. In the absence of such a contractual obligation on the part of the named insured, the waiver of subrogation feature does not apply.



CERTIFICATE OF LIABILITY INSURANCE

6/30/2016

DATE (MM/DD/YYYY)
6/25/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LOCKTON COMPANIES 5847 SAN FELIPE, SUITE 320 HOUSTON TX 77057 866-260-3538	CONTACT NAME: _____	
	PHONE (A/C, No, Ext): _____	FAX (A/C, No): _____
E-MAIL ADDRESS: _____		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Lexington Insurance Company		19437
INSURER B: A. F. Beazley 2623/623		52666
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

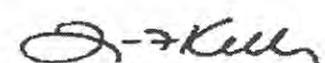
INSURED Fugro Consultants, Inc.
1365454 6100 Hillcroft
Houston TX 77081

COVERAGES **CERTIFICATE NUMBER: 12401282** **REVISION NUMBER: XXXXXXXX**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SURR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER			NOT APPLICABLE			EACH OCCURRENCE \$ XXXXXXXX DAMAGE TO RENTED PREMISES (Ea occurrence) \$ XXXXXXXX MED EXP (Any one person) \$ XXXXXXXX PERSONAL & ADV INJURY \$ XXXXXXXX GENERAL AGGREGATE \$ XXXXXXXX PRODUCTS - COMP/OP AGG \$ XXXXXXXX \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			NOT APPLICABLE			COMBINED SINGLE LIMIT (Ea accident) \$ XXXXXXXX BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			NOT APPLICABLE			EACH OCCURRENCE \$ XXXXXXXX AGGREGATE \$ XXXXXXXX \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	NOT APPLICABLE			PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ XXXXXXXX E.L. DISEASE - EA EMPLOYEE \$ XXXXXXXX E.L. DISEASE - POLICY LIMIT \$ XXXXXXXX
A B	Professional Liab - Incl. Contractor's Pollution	N	N	015438063 GLOPR1501253	6/30/2015 6/30/2015	6/30/2016 6/30/2016	Each Claim \$1,000,000 Aggregate \$5,000,000 SIR Per Claim \$2,500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 The Professional Liability includes a blanket notice of cancellation to certificate holders endorsement, providing for (30) days' advance notice if the policy is cancelled by the company other than for nonpayment of premium, (10) days' notice if the policy is cancelled for nonpayment of premium. Notice is sent to certificate holders with mailing addresses on file with the agent or the company. The endorsement does not provide for notice of cancellation if the named insured requests cancellation.

CERTIFICATE HOLDER 12401282 For Bid Purposes Only	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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