EXCLUSIVE GEOPHYSICAL AGREEMENT TRACT 44790 - Jefferson Parish, Louisiana The Exclusive Geophysical Agreement is a Type #3, and carries a maximum Initial Term of Eighteen (18) months. The Exclusive Geophysical Agreement #3, shall be effective from September 13, 2017 for a period terminating March 13, 2019, and which Agreement authorizes the successful bidder to conduct at least 3-D geophysical operations on all state owned water bottoms situated in Jefferson Parish, Louisiana, which area is identified Tract 44790 and is more particularly described for convenience as hereinafter, as follows: Beginning at a point having Coordinates of X = 2,415,670.00 and Y = 309,000.00; thence East 13,330.00 feet to a point having Coordinates of X = 2,429,000.00 and Y = 309,000.00; thence South 22,000.00 feet to a point having Coordinates of X = 2,429,000.00 and Y =287,000.00 thence West 13,330.00 feet to a point having Coordinates of X = 2,415,670.00 and Y = 287,000.00; thence North 22,000.00 feet to the point of beginning, (This tract includes only waterbottoms claimed and owned by the state and specifically excludes any land which the state may claim or own and to which the mineral rights are vested in the state), LESS AND **EXCEPT** any portions of State Lease Nos. 19949, 20499, 20512, 21345, 21346, 21647, 21648, 21649, 21650, 21651 and 21652 as well as Operating Agreements AO321 and AO331 that may lie within the above described tract, containing approximately 2,734 acres, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on the Louisiana Coordinate System of 1927, (North or South Zone), applicable.

NOTE: The above description of the Tract nominated for the purpose of acquiring a mineral lease or a geophysical agreement has been provided and corrected, where required, exclusively by the nominating party. Any mineral lease or geophysical agreement selected from this Tract and awarded by the Louisiana State Mineral and Energy Board shall be without warranty of any kind, either express, implied or statutory including, but not limited to, title or the implied warranties of merchantability and fitness for a particular purpose.

An error or omission in the nominating party's Tract description may require that a State mineral lease or geophysical agreement be modified, canceled or abrogated due to the existence of conflicting leases, operating agreements, private claims or other future obligations or conditions within the Tract described. In such case, however, the Louisiana State Mineral and Energy Board shall not be obligated to refund any consideration paid by the Lessee prior to such modification, cancellation or abrogation including, but not limited to, bonuses, rentals and royalties.

NOTE: The above description of the Tract nominated for an EGA Type 3 and selected leases has been provided and corrected, where required, exclusively by the nomination party. Any mineral lease selected from this Tract and awarded by the Louisiana State Mineral and Energy Board shall be

without warranty of any kind, either express, implied, or statutory, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Should the mineral lease awarded by the Louisiana State Mineral and Energy Board be subsequently modified, cancelled or abrogated due to the existence of conflicting leases, operating agreements, private claims or other future obligations or conditions which may affect all or any portion of the leased Tract, it shall not relieve the Lessee of the obligation to pay any bonus due thereon to the Louisiana State Mineral and Energy Board, nor shall the Louisiana State Mineral and Energy Board be obligated to refund any consideration paid by the Lessor prior to such modification, cancellation, or abrogation, including, but not limited to, bonuses, rentals and royalties.

The minimum bids which will be considered by the Mineral and Energy Board for the seismic survey portion of the agreement - (the seismic fee) shall be not less than \$45.00 per acre for the 18 month term. The minimum bids considered by the Mineral and Energy Board for leases selected under the agreement shall be not less than \$400 per acre bonus, \$200 per acre rental and 22.5% royalty. Successful bidder hereunder may select for lease 50 acres for the mandatory lease acreage requirement, 50% of unleased state acreage for the maximum lease acreage selection under the EGA III, for a primary term of three (3) years at the bid bonus/rental and royalty. All operations conducted under the agreement by the successful bidder, including leasing operations for leases selected thereunder, shall be conducted in accordance with policy of the State Mineral and Energy Board as enunciated in the agreement and which is on file in the Office of Mineral Resources. Copies of same may be obtained upon request.

A cashier's check, certified check or bank money order, payable to the Office of Mineral Resources for the full amount of cash consideration (but not less than \$45.00 per acre) offered for the Exclusive Geophysical Agreement Type #3 on said Tract shall accompany and be deposited with the bid. No portion bids will be accepted. The State Mineral and Energy Board reserves the right to reject any and all bids.

There shall be a liquidated damage payment equal to the seismic fee for failure to conduct the Geophysical Survey Agreement, payable within 30 days after notice.

NOTE: The State of Louisiana does hereby reserve, and this EGA Type 3 and selected leases shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this EGA Type 3 lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the

reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as herein above reserved.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as herein above reserved.

NOTE: This tract is located in an area designated by the Louisiana Legislature or the Wildlife and Fisheries Commission as a Public Oyster Seed Ground, Reservation, or area of Calcasieu or Sabine Lake. Proposed projects occurring in these areas will be evaluated on a case by case basis by Louisiana Department of Wildlife & Fisheries. Modifications to proposed project features including, but not limited to, access routes, well sites, flowlines, and appurtenant structures maybe required by the Louisiana Department of Wildlife and Fisheries. In addition, compensatory mitigation will be required to offset unavoidable habitat impacts.

Applicant: LLOLA, L.L.C.

Bidder	Cash	Price/	Rental	Oil	Gas	Other
	Payment	Acre				

