DEPARTMENT OF NATURAL RESOURCES

10/14/22

BID PROPOSAL

431-PA23-005

ABANDONMENT OF OILFIELD SITES

LOCKPORT FIELD

Calcasieu Parish

Bid Opening Date: 11/17/2022

NOTICE TO BIDDERS

Sealed bids will be opened and publicly read by the Department of Natural Resources, 617 North 3rd Street, 12th Floor, Room 1260, Baton Rouge, Louisiana at **11:00 A.M** on **November 17, 2022** for the following:

Bid Proposal Number: 431-PA23-005
Lockport Field of Calcasieu Parish are subject to jurisdiction of the Lafayette District Office.

NOTE: A one-time **MANDATORY SITE VISIT** will be held on Tuesday, November 2, 2022 at 10:00 A.M. Pre-registration is required. To pre-register, contact Butch Romero at (337) 501-5487 by 12:00 P.M., Monday November 1, 2022. Contractors must also sign up on the Oilfield Site Restoration Bid Portal to be able to attend the Site Visit and to submit a bid.

* This signed statement certifies that the Contractor has visited the job site and is familiar with all conditions surrounding fulfillments for this project. Failure to complete or return this certification will cause the bid to be disqualified.*

Company Name (Contractor)	Signature (Contractors Representative)
Department of Natural Resources Agency Name	Signature (Agency Representative)

This bid is being solicited under the provisions of the Louisiana Oilfield Site Restoration Law (Act 404 of 1993). Only bidders on the approved list of contractors (referenced in Act 404) at time of first public notice of solicitation shall be considered.

Bidders agree bid shall be good for a period of sixty (60) calendar days of the bid opening.

Bidder must return entire bid proposal package with signature pages and with exceptions noted. Bidders must use the specified forms available in the bid proposal package. Bids must be filled out with ink or typewritten and signed in ink. Any alteration, erasure or correction must be initialed by signer of the bid, failure to do so may cause bid to be rejected.

Bid must be returned in one of two methods; in Special Bid Envelope. Bidder is to include company name and complete return address on the outside of bid envelope, or through the online bid portal for OSR contractors. In the event of bulky material, the Special Bid Envelope must be firmly affixed to the mailing envelope. Contractors are allowed to submit the bids via both methods (online and hand delivered) to verify their online bid submittal was correct. If you elect to submit via both methods, the bids must match to be considered.

BIDS MUST BE HAND DELIVERED WITH RECEIPT GIVEN OR SENT BY REGISTERED OR CERTIFIED MAIL WITH RETURN RECEIPT). BIDDER SHALL ASSUME FULL RESPONSIBILITY FOR TIMELY DELIVERY TO THE LOCATION DESIGNATED ON THE BID RETURN ENVELOPE FOR RECEIPT OF BIDS.

PROPOSAL NUMBER: **431-PA23-005**
BID OPENING DATE: **November 17, 2022**

Department of Natural Resources
Fiscal Section
617 N. 3rd St., 12th Floor, Room 1260
Baton Rouge, Louisiana 70802

PROJECT:

Furnish all labor, materials, tools and equipment necessary for the Project as per plans, drawings and specifications prepared by the agency.

The undersigned, in compliance with your invitation for bids for the project listed above, having examined the specifications and related documents, inspected site and being familiar with all the conditions surrounding the fulfillment of the contract, hereby proposes to furnish all labor, materials, tools and equipment necessary to complete the above referenced project with the time set forth herein and for the price stated below.

The Lump Sum Total Price stated shall include all permits and governmental fees, licenses, inspections and all sales, consumer use and taxes of any other nature or kind whatever arising from or pertaining to the work or portions thereof provided by the contractor which are legally enacted at the time bids are received, whether or not yet effective.

BASE BID: I/We propose to furnish all materials and perform all work as described in the specifications and related documents for the sum of:

LUMP SUM TOTAL $ _____ _____
(WORDS AND FIGURES)
_____

See: Enclosed Page for BREAKDOWN OF LUMP SUM TOTAL

COMPLETION DATE: The undersigned guarantees completion of project as per base bid in _____ calendar days.

NOTE: Where so indicated by the makeup of the bid form, sums shall be expressed in both words and figures, and in case of a discrepancy between the two the written amount shall govern.

LOUISIANA CONTRACTOR'S LICENSE NO. _____
NAME (PRINT OR TYPE) _____
TITLE (PRITN OR TYPE) _____

SIGNATURE _____
FIRM NAME _____
ADDRESS (BOX) _____
PHYSICAL _____
CITY, STATE, ZIP _____
PHONE (____) _____ **FAX (____)** _____ **EMAIL** _____

It is not necessary to return "NO-BID" packages for Plug & Abandon Bids

IMPORTANT: IN ACCORDANCE WITH R.S. 37:2163A CONTRACTOR'S LICENSE NUMBER MUST APPEAR ON THE BID OPENING ENVELOPE ON ALL PROJECTS IN THE AMOUNT OF $50,000.00 OR MORE (AND $1.00 OR MORE IF HAZARDOUS MATERIALS ARE INVOLVED). ALL BIDS NOT IN COMPLIANCE WITH THIS REQUIREMENT SHALL BE AUTOMATICALLY REJECTED AND NOT READ.

Bid proposal form, information and specifications may be obtained from the Fiscal Section, Dept. of Natural Resources, P.O. Box 94396 (or 617 N. 3rd Street, 12th Floor, Room 1262), Baton Rouge, LA 70804, or by calling (225) 342-4518 or (225) 342-6397.

No bids will be received after the date and hour specified. The right is reserved to reject any and all bids and waive any informalities.

Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined after 72 hours of the bid opening. Information pertaining to completed files may be secured by appointment during normal working hours. Written bid tabulations will not be furnished unless requested.

NOTE: INCLUDE COMPLETE FIRM NAME AND RETURN ADDRESS ON THE BID RETURN ENVELOPE.

SIGNATURE AUTHORITY: In accordance with L.R.S. 39:1594 (Act 121), the person signing the bid must be:

1. The current corporate officer, partnership member or other individual specifically authorized to submit a bid a reflected in the appropriate records on file with the Secretary of State; or
2. An individual authorized to bind the vendor as reflected by an accompanying corporate resolution, certificate or affidavit; or
3. An individual listed on the State of Louisiana Bidder's Application as authorized to execute bids.

By signing the bid, bidder certifies compliance with the above.

GENERAL CONDITIONS, INSTRUCTIONS, POLICIES AND PROCEDURES

ADDENDA: The contractor must attach all addenda to his bid or otherwise acknowledge the receipt of same.

WITHDRAWAL OF BIDS: The contractor agrees that this bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the bid opening

AFFIDAVIT: Successful contractor shall be required to execute an affidavit attesting "THAT PUBLIC CONTRACT WAS NOT SECURED THROUGH EMPLOYMENT OR PAYMENT OF SOLICITOR" in compliance with Title 38.Section 2224.

CONTRACT: If the undersigned is notified of the acceptance of the above bid or bids, within thirty (30) days of the time set forth for the opening of bids, he agrees to execute a contract for the work accepted within then (10) days after notice from the Department of Natural Resources.

RECORDATION CERTIFICATE: Contractor shall upon receipt of executed contract, financial assurance documents and purchase order, record contract and financial assurance documents with the Clerk of Court in the parish in which the work is to be performed, obtain a Certificate of Recordation from the Clerk of Court and forward this certificate immediately to the Department of Natural Resources. This certificate must be received before any invoices on this project can be processed. The expense for this is the responsibility of the contractor.

PAYMENT: Upon satisfactory completion of the work, the Contract Price shall be paid to the contractor minus the retainage (10% of Contract Price for projects < $500,000 and 5% of Contract Price for projects > $500,000).

ACCEPTANCE: Upon completion of the work of the satisfaction of the Department of Natural Resources, a Notice of Acceptance of Work will be executed by the Department of Natural Resources and forwarded to the contractor for recording with the Clerk of Court in the parish in which the work has been performed. Contractor shall furnish to the Department of Natural Resources a Clear Lien Certificate from the Clerk of Court (to the owner along with final invoice) forty-five (45) days after recordation of acceptance. Upon receipt, final payment of the retainage will be made.

NON-DISCRIMINATION: The Department of Natural Resources does not discriminate on the basis of race, color, gender, pregnancy, age, religion, nation origin, veteran's status, military service, political affiliation or disability, and require its contractors, subcontractors and suppliers to comply with this commitment.

MINORITY/WOMAN OWNED: If your organization is a Minority or Woman-Owned Enterprise, please send supporting documentation. This information is required for the purpose of reporting to Federal Funding Agencies. Send info to:

Department of Natural Resources
Fiscal Section, Attn: Rhonda Robertson
P.O Box 94396
Baton Rouge, LA 70804-9396
or email: Rhonda.Robertson2@la.gov

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Section 1

INTRODUCTION

The Louisiana Department of Natural Resources (LDNR) needs 14 orphan wells plugged and abandoned, no facility removed, and 2 well sites remediated in Lockport Field, Calcasieu Parish. This project is subject to jurisdiction of the Lafayette District Office.

Enclosed in this bid document are instructions to the bidders and other information pertaining to these sites.

Section 2

INSTRUCTIONS FOR BIDDERS/CONTRACTORS

1. The bid price shall be submitted as a **LUMP SUM** quote for the complete scope of work including, but not limited to:

   - Management / Supervision
   - Personnel
   - Equipment
   - Engineering
   - Mobilization and demobilization
   - Logistics relating to personnel, equipment, or any other costs associated with support services
   - Materials and supplies
   - Weather and local interference

2. Bidders are to note that their lump sum bid shall be inclusive of any and all qualifications, clarifications, and/or exceptions the bidder may have. **Any qualifications, clarifications, or exceptions may disqualify the bid.**

3. All third party services utilized, equipment rented, or expendables used shall be paid directly by the contractor and included in the contractor's lump sum bid price.

4. Bidders shall take into account all salvage value on any equipment in their lump sum bid price. Additionally, bidders shall separately identify and place a value on each piece of salvage equipment on a well by well basis. The Department of Natural Resources will only assume the recovery of that surface equipment present on the site at the time of the site visit. Casing and tubing documented for each well in Section 7 under the heading of General Information will be assumed to be present but not guaranteed recoverable or saleable, therefore no value should be attributed to it. Any bidder who places a salvage value on such tubulars shall be solely responsible for recovery and merchantability thereof. The recovery of casing, tubing, pumps, sucker rods, packers, tubing hangers, and other downhole equipment is not warranted. All attempts to retrieve casing from the well must be done in accordance with the requirements contained in Item No. 26 of this Section. **NOTE: The contractor shall dispose of all salvaged equipment.**

5. If a lienor requests a hearing, and it is there determined that the salvage value exceeds the cost to restore the site, LDNR reserves the right to cancel any contract under which it does not receive from the contractor adequate funds to be paid to such lienor.

6. **Bidders shall submit the name, address, phone number, Federal Tax ID number, and a description of the nature of the work for each proposed subcontractor.**

7. **LDNR does not have a contractual relationship with any subcontractors.** LDNR is not obligated to pay or see that a subcontractor is paid for the work he performs. The contractor is responsible for their subcontractors' acts or omissions.

8. Bidders are notified that no explosives shall be allowed while carrying out the scope of work, with the exception of down hole perforating or down hole tubular cutting requirements.

9. **Bidders shall submit their detailed proposed procedures to carry out the scope of work contained in this bid document.** Failure to do so may result in the bid being rejected.

10. Contractor is responsible for all mobilization and demobilization of personnel, equipment, materials, and supplies.

11. The contractor shall be responsible for the planning and execution of all site restoration and removals described in the scope of work.

12. The contractor shall be responsible for making their representatives and subcontractors familiar with the site conditions within the scope of work.

13. The contractor shall be responsible for **removing, testing, transporting, and disposing** of all hazardous and nonhazardous **oilfield waste**, equipment, and scope of work materials in a manner that complies with all federal, state, and local regulations.

14. The contractor shall at all times keep the premises free from accumulations of waste materials and debris. If any materials are determined to be hazardous, removal and proper disposal according to the Department of Environmental Quality standards is the responsibility of the contractor.

15. **No work outside the scope of the bid award may be performed unless approved by Change Order**. See Section 3 for change order procedures.

16. **Prior to commencement of work**, the successful bidder shall obtain all applicable work permits to perform the scope of work from the appropriate District Office. Any and all saltwater disposal wells included in the P&A package must be permitted through the Injection and Mining Division of the Office of Conservation.
The successful bidder shall notify the appropriate District Office in writing at least 24 hours prior to commencement of work. Failure to notify the District Office shall result in a $500.00 penalty to the successful bidder.

17. The **contractor shall be responsible for notifying the site landowners and/or lease holders and** the **landowners and/or lease holders of any property used for ingress and egress** prior to the commencement of work. You must fill out the **landowner affidavit form** that will be provided with the contracts when a bid is awarded. The forms must be sent to the district with final paperwork once a job is complete (This may not always be possible, but a good faith effort must be made). The contractor shall notify the landowners at least 24 hours prior to commencement of work; however, acquisition of rights-of-way is unnecessary because the Act authorizes entry on land of another by the Secretary or his agents for site assessment or restoration.

18. If the contractor **fails to commence work** within the time specified in the "Notice to Proceed", the contractor may either be assessed a penalty of ½ % of the contract amount for each day work has not commenced or the bid will be awarded to the next low bidder. This will be at the discretion of LDNR. The dollar amount of the penalty shall be deducted from the 90% payment once the project is complete.

19. **Once the work commences, there shall not be more than a 24 hour lapse in work without the written consent of the Commissioner of Conservation**; with the exception of Saturdays and Sundays if the contractor does not plan to work weekends. If an unauthorized lapse of 24 hours or more occurs, the contractor shall be assessed a penalty of ½ % of the contract amount for each day work is not being performed. The dollar amount of the penalty shall be deducted from the 90% payment once the project is complete.

20. **Unless an extension is authorized** by the Commissioner of Conservation, if a contractor **fails to complete** the project by the completion date stated in the "Notice to Proceed", the contractor shall be assessed a penalty of ½ % of the contract amount for each day beyond the completion date until the job is satisfactorily completed. The dollar amount of the penalty shall be deducted from the 90% payment once the project is complete.

21. Once the project has begun, the **contractor shall be responsible for submitting a daily report** on all work performed. These reports shall be submitted **to both the Baton Rouge and appropriate District Office by email or fax each morning** by 9:00 AM for the work performed the preceding day. A copy of the daily report form to be used will be provided before the job starts.

22. All **well plug and abandonments and pit closures** shall be performed in accordance with LAC 43:XIX.Subpart 1 **(Statewide Order No. 29-B)** and all other federal, state, and local regulations applicable to this work, unless otherwise stated. The bidders are responsible to be aware and knowledgeable of all such regulations and to follow them accordingly. The successful bidder shall be required to obtain all permits from the applicable state and federal regulatory agencies necessary to complete the scope of work for this project. Any and all saltwater disposal wells included in the P&A package must be permitted through the Injection and Mining Division of the Office of Conservation.

23. All **cement plugs** placed in the wellbore(s) during plugging operations, unless otherwise required in **Section 7**, shall be blended neat slurries composed of API Class A or H cement, and having a minimum density of 15.6 pounds per gallon. API Class A cement may not be used in plugs placed at depths greater than 6000'. Dry and blended surface samples shall be provided to CES agent if requested.

24. All wells, when drilling or running or pulling casing or tubing, shall be equipped with hydraulically operated blow out preventers (BOP) equipped with both blind rams and pipe rams equipped with the proper size elements for the pipe being run. Annular or bag type (hydril) preventers may be substituted for the pipe rams. The BOP stack shall also allow full-bore access to the casing below. Unless otherwise stated, the BOP stack shall be rated to a minimum 3,000 psi working pressure.

25. **If casing is to be cut and removed** from the wellbore during plug and abandonment activity, a cast iron bridge plug (CIBP) shall be placed inside the casing to be cut, prior to cutting, 100' below the proposed cut depth. After the casing is removed, a bit and scraper run will be made to the top of the cut casing stub. A cement plug shall be placed in the wellbore from the CIBP to a depth 100' above the depth of the cut made on the casing. If the casing immediately inside the surface casing is to be cut, it may not be cut any deeper than a point at least 50' above the shoe of the surface casing.

26. **Land locations:** All production equipment shall be removed and locations shall be restored to natural grade and seeded with grass common to the area. All oil contaminated dirt shall be removed and properly disposed of. Clean replacement or fill dirt (with properly documented analysis for contamination and NORM) shall be brought in to insure location is returned to its natural grade.

27. Contractor is responsible for leaving site access ways in equal or better condition than prior to initiation of site restoration activity.

28. **Any pit constructed by the contractor** shall be registered with the Office of Conservation, Baton Rouge Office, by submitting a **Form UIC-15** as required by LAC 43:XIX.305.D. Contractor shall be required to close any such pit constructed in accordance with LAC 43:XIX.311 and 313.

29. Post-closure soil sample analyses shall also be performed on **all production facility containment areas closed** and shall also comply with the requirements set forth in LAC 43:XIX.311 and 313. For sampling purposes, pits and facility containment areas are to be divided into a thirty foot by thirty foot grid pattern with representative

samples taken from each grid. Subsurface sampling intervals for facilities may be adjusted at a site to accommodate site-specific information on subsurface contaminant distributions and in such cases will be included within the scope of work. Please note that all analytical tests submitted must be performed by Department of Environmental Quality (LDEQ) Louisiana Environmental Laboratory Accreditation Program (LELAP) accredited laboratories. Further, the laboratories must be accredited for each parameter and corresponding method referenced in the Department of Natural Resources (LDNR) lab manual entitled "Laboratory Procedures for Analysis of Exploration & Production Waste". Samples **MUST** be collected by the accredited Laboratory. A copy of chain of custody documentation must be included with Final Paperwork. Failure to submit custody documentation will delay project payment.

30. Upon completion of the project, contractor shall also file with the Office of Conservation, Baton Rouge Office, **Form ENG-16, Oilfield Waste Disposition**, indicating the disposition of all waste generated during the site restoration work. Copies of waste shipping manifests are required for all wastes transported off site for disposal.

31. It is the responsibility of the contractor while at the site visit to observe the condition of the wellhead and select the means by which entry into the tubing and casing strings can be accomplished. The contractor shall include in the bid price all costs associated with this operation, such as the need for additional valves, hot taps, etc.

32. In the event the project becomes lengthy, partial payments will be considered on a case by case basis. The same procedure for final payment will be followed.

33. Upon completion of the project, the **contractor shall complete Form P&A** and **Form WH-1** on each well plugged and abandoned and shall file same with the appropriate District Office. Additionally, contractor shall also submit any required pit closure data to the appropriate District Office.

34. Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined after 72 hours of the bid opening. Information pertaining to completed files may be secured by visiting the Department of Natural Resources during normal working hours. Written bid tabulations will not be furnished unless requested.

35. **Information in this document** was obtained from Office of Conservation well files and site inspections performed by Office of Conservation personnel; however, because the Office of Conservation does not warrant this information as accurate, bidders are responsible for verifying all well information, pit dimensions, waste volumes, equipment, and other site specific conditions. Bidders shall have the opportunity to gather information by attending a **mandatory site visit** as outlined on Page 2, herein. **Only bidders attending the site visit shall be allowed to bid on this project**. LDNR shall also allow the successful bidder to make pre-job inspection trips.

36. Should it be determined at any time during site restoration work that a well or site conditions vary significantly from those described in the bid proposal, the LDNR reserves the right to delete the site from the project and compensate the contractor for work performed up to the point the site was omitted from the project. This compensation shall be negotiated in good faith between the contractor and LDNR based upon reasonable industry standards or charges. In the event the price cannot be agreed upon, the Commissioner shall set a fair price for the work and materials at issue and his decision shall be binding upon all parties concerned.

37. Contractor agrees to indemnify and hold harmless LDNR from all liabilities and cost of defense obligations resulting from acts of negligence by the Contractor.

38. The role of the LDNR personnel during the site restoration work is to ensure that work is being performed in

accordance with the approved scope of work. **LDNR personnel are not to provide any type of guidance or direction to the contractor or the contractor's subcontractors regarding the routes of ingress or egress to/from the wellsite.**

39. Contractors shall be responsible to ensure safe operations at all times and shall provide the proper materials, labor and equipment to safely perform the scope of work contained in this bid document. As the job requires, personal protective equipment for hearing, face, head, respiratory protection and fall protection shall be considered for use to protect personnel. Personnel and subcontractors should be properly trained in relation to their job duties. Additionally, pre-job safety meetings that include all affected personnel, including subcontractors, should be held to review responsibilities for the operations to be performed. Suitable fire-extinguishing equipment shall be on site during all operations. Telephone numbers, location, and other relevant information pertaining to availability of medical personnel, transportation, and medical facilities shall be available and a first aid kit shall also be on location. Any unsafe act/practice observed by an agent of the Office of Conservation during scope of work activities may result in the immediate cessation of work activities.

40. Any **questions relating to this bid** shall be submitted in writing to Roby Fulkerson at P.O. Box 94275, Baton Rouge, LA 70804, email (roby.fulkerson@la.gov) or (casandra.parker@la.gov) or fax number 225-342-2584 by no later than 4:30 p.m., five consecutive days after the site visit. No other questions shall be allowed or answered after this time, without exception.

Section 3

CHANGE ORDER PROCEDURES

A Change Order consists of additions, deletions, or other revisions to the scope of work and may be requested or initiated by the contractor or LDNR. All requests for a Change Order shall be submitted in writing by the Contractor outlining specific factual conditions necessitating issuance of a Change Order. The Change Order shall be a lump sum quote to perform work that deviates from the specific procedures submitted in Item 4(a) of Section 5 necessary to complete the project. The Change Order quote shall include all costs necessary to complete the work covered by the Change Order, including all standby charges incurred during the Change Order approval process. Oral communication shall not be acceptable except in the case of an emergency where the proposed work must be performed immediately. No work relating to the requested Change Order shall be performed without a properly executed Change Order signed by the Commissioner of Conservation or in the event of an emergency verbal authority being granted by the Commissioner.

Except in the event of an emergency, the scope of work and if applicable the price, be it lump sum or time and material with a not to exceed figure, shall be entered on the Change Order form. In the event of an emergency, the contractor shall schedule a meeting with the Commissioner at the earliest possible time to discuss and agree upon a price for this change in work. Once a price is agreed upon, an Emergency Change Order shall be completed and signed by the Commissioner. In the event the price cannot be agreed upon, the Commissioner shall set a fair price for the work and materials at issue and his decision shall be binding upon all parties concerned.

Claims for extra compensation by the Contractor shall not be recognized and shall not be valid unless the Contractor has in his possession prior to the work being performed a properly executed Change Order form giving him the authorization to proceed with the extra work.

Section 4

DEFINITIONS

1. PROCEDURES: A detailed description of the work plan by which the contractor intends to carry out the scope of work.

2. LUMP SUM: A firm and inflexible quote that should allow for any unforeseen conditions that may alter or change the projected intent, the like of, but not limited to: procedures, schedules, methods, equipment, personnel, materials, and logistics.

3. THE WORK: The scope of work described in this bid document and included in the lump sum price.

4. CONTRACTOR: The successful bidder of a specific project.

5. CONFIRMATORY CLEAN SOIL SAMPLE: A homogenous, representative soil sample taken at the excavated surface of any pit or production facility containment area in which the pre-closure soil analysis provided by LDNR did not meet LAC 43:XIX.311 and 313 closure requirements.

6. ORPHAN WELL: A well which has been orphaned pursuant to the provisions of R.S. 30:80 et seq.

7. TANK BATTERY: An area allocated in the general proximity to well sites for the purpose of containing hydrocarbons and produced water in storage tanks. It is normally bordered by containment dikes/levees. A tank battery may or may not have existing storage tanks.

8. PITS: A natural topographic depression or man made excavation used to hold produced water or other E&P waste. See LAC 43:XIX.301 et seq. (Oilfield Pit Regulations)

9. SITE: The confines established for a specific well or group of wells and associated pits, tank batteries, and facilities.

10. SUBCONTRACTOR: Any individual, firm, partnership, corporation, or combination of the two or more firms or corporations acting jointly, that are bound contractually to the contractor to perform portions of this work.

11. COMMENCEMENT OF WORK: Physically and actively performing the scope of work contained in the bid document, such as closing a pit or plugging a well. This definition does not include moving equipment on to the location or "visiting" the location.

12. FACILITY: The aggregate of vessels, separators, heaters, tanks, treaters, etc. (commonly referred to as production equipment), utilized in the producing and processing of effluents from a well.

13. PLUG AND ABANDON: The date the well is cut and capped, or casing is cut at specified depth below mud line.

14. BOP TEST: This test is to verify the good working condition of the BOP. The hydraulic closure system on the preventers must be operational at all times. Pressure test to qualify integrity of BOP body, connection to wellhead, and seal of blind or pipe ram elements. A retest is required each time the BOP stack is removed and subsequently reinstalled on the well.

Section 5

INFORMATION BIDDERS ARE REQUIRED TO SUBMIT WITH BID PROPOSAL

1. This entire bid package.

2. Any addendum(s) related to this bid proposal.

3. If the procedures in the bid are to be utilized, this must be stated. **If procedures are altered or changed,** then these procedures must be submitted.

4. Contractor shall provide a **project schedule** outlining the following:

   (a) **Specific procedures** that he will perform in order to carry out the scope of work on the wells.

   (b) The number of **days expected to complete the work** on the wells and pits.

   (c) **Description of workday** hours and work week (ex. Monday thru Friday).

5. List of **subcontractors**. **(Section 2.6)**

6. **List of equipment** to be used on this project. All equipment brought to location shall be pretested and in good working condition and shall be rated to handle work anticipated based on depth and procedures.

7. **List of personnel** required to perform the scope of work.

8. Completed breakdown of lump sum total worksheet included in this bid document **(Section 8)**.

9. Only the successful bidder will be required to submit a **current insurance certificate** at the time the bid is awarded. The certificate shall meet the requirements outlined in **Attachment 'A'** and shall reference the bid proposal number.

Section 6

MINIMUM EQUIPMENT REQUIREMENTS

The equipment requirements cited in this section shall be only the minimum requirements for the basic equipment packages used in performing the scope of work for the restoration of each of the sites contained in the bid. It remains the contractor's responsibility to include in the bid all other tools and equipment necessary to complete the scope of work.

PLUGGING EQUIPMENT - LAND OPERATIONS - This service is to include the following items of equipment:

A. Rig – Workover rig capable of plugging wells in this bid package. The rig package shall include a minimum of a four (4) man crew plus tool pusher, power tongs, weight indicator, and all handling tools as needed for tubings; 2-1/2", 2 3/8" work string and "small diameter" pipe. Rig must be able to pull doubles (66').
   a. Tubing pull is required as per procedure.

B. Hydraulically actuated blowout preventers rated to a minimum 5000 psi working pressure.
   a. Includes annular, pipe, and blind rams.
   b. Cross overs required to nipple BOP's to wellheads.

C. Full opening pressure safety valve rated to a minimum 5000 psi working pressure (internal and external rating).

D. Circulating pump capable of pressuring up and circulating to 1000 psi at 3 barrels per minute minimum. All connections in the line from the pump to wellhead shall also be rated to 1000 psi.

E. 80 barrel steel circulating tank

F. Sufficient length of EUE work string drifted, tested and certified to have less than 12.5% maximum body wall loss (white band) and "small diameter" pipe.

G. Normal fishing tools required to retrieve tubing. For example: overshot(s), grapple(s), spear(s), ETC.

H. Wireline and/or slick line.

Section 7 **SCOPE OF WORK**

Well #1

Well Name	State Lease 2394 #001				Operator		Trice Production Company		
Serial #	59097				LAT		30 12 32.5		
Field	Lockport				LONG		93 16 48.6		
Location	Land				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	10 ¾	15		0	853	32	1000	500	267
Casing	5½	9⅞		0	4,500	14	1200	265	3,994
Cement Plug				0	10			10	
Cement Plug				750	850			75	
Cement Plug				850	1,056			50	
Tubing	2⅜			0	3,165				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area.
2. Hot tap and remove plate from wellhead, if present.
3. Verify wellbore and annuli have cement at surface. If not, set 50' cement plug in wellbore and in all annuli.
4. Complete removing remaining casing 5'- 10' below mudline. Verify cement plug remains. If not, set 50' cement plug in wellbore and in all annuli.
5. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

Well #2

Well Name	State Lease 2394 #002			Operator		Trice Production Company		
Serial #	59630			LAT		30 12 32		
Field	Lockport			LONG		93 16 48.5		
Location	Land			USDW		1170.00		
Parish	Calcasieu			Directional		No		
Wellbore Components								
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cemen Top (ft)
Casing	16	22		0	91			75	
Casing	10¾	15		0	872	32	500	550	227
Casing	5½	9⅞		900 (pulled during p&a)	4,560	14	600	286	4,014
Cement Plug				0	10			10	
Cement Plug				850	950			75	
Cement Plug				2,950	3,000			25	
Tubing	2⅜			0	3,598				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area.
2. Hot tap and remove plate from wellhead, if present.
3. Verify wellbore and annuli have cement at surface. If not, set 50' cement plug in wellbore and in all annuli.
4. Complete removing remaining casing 5' – 10' below mudline. Verify cement plug remains. If not, set 50' cement plug in wellbore and in all annuli.
5. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

Well #3

Well Name	State Lease 2394 #003			Operator		Trice Production Company		
Serial #	60125			LAT		30 12 31.7		
Field	Lockport			LONG		93 16 48.4		
Location	Land			USDW		1170.00		
Parish	Calcasieu			Directional		No		
Wellbore Components								
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cemen Top (ft)
Casing	16	22		0	91			75	
Casing	10¾	15		0	878	32		550	233
Casing	5½	9⅞		900 (pulled during p&a)	4,607	14		320	3,996
Cement Plug				0	10			10	
Cement Plug				850	950			75	
Cement Plug				2,950	3,000			25	
Tubing	2⅜			0	3,678				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area.
2. Hot tap and remove plate from wellhead, if present.
3. Verify wellbore and annuli have cement at surface. If not, set 50' cement plug in wellbore and in all annuli.
4. Complete removing remaining casing 5' – 10' below mudline. Verify cement plug remains. If not, set 50' cement plug in wellbore and in all annuli.
5. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

Well #4

Well Name	OLIN-MATHEISON CO #001				Operator		Trice Production Company		
Serial #	60305				LAT		30 12 32.3		
Field	Lockport				LONG		93 16 48.9		
Location	Water				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	10¾	15		0	892	32	1200	435	382
Casing	5½	9⅞		850 (pulled during p&a)	5,056	14	1200	450	4,197
Cement Plug				0	10			10	
Cement Plug				850	950			75	
Cement Plug				2,950	3,000			25	
Perforations				4,012	4,016				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area.
2. Verify wellbore and annuli have cement at surface. If not, set 50' cement plug in wellbore and in all annuli.
3. Complete removing remaining casing 5' – 10' below mudline. Verify cement plug remains. If not, set 50' cement plug in wellbore and in all annuli.
4. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

Well #5

Well Name	OLIN MATHIESON CHEM CORP #001				Operator		Jack Koch (K056)		
Serial #	65129				LAT		30° 12' 50"		
Field	Lockport				LONG		93° 16' 28"		
Location	Inland Marsh				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	20	24		0	285	94		400	surface
Casing	13⅜	17½		0	2035	61	2000	1650	166
Casing	9⅝	12¼		0	9200	35.5	2000	3225	1099
Casing	7	8½	6.276	8902	10041	2900	1000	800	8902
Cement plug				0	35			25	
Cement Plug				3052	3152			100	
Tubing	2½			0	9043				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note*: Report all rates and pressures to Lafayette District Office.
2. Drill through top plug, if present, noting if there is pressure below. If there is pressure, call the Lafayette District Office.
3. Pull and lay down 2½" tubing, if present. Run in hole to 3,052' and confirm cement and CIBP with tag.
4. Set a 200' cement (75 sacks) balanced plug above the plug at 3,052'. Pull above plug. WOC 4 hours. Tag cement and pressure test tubing to 300 psi. Circulate a minimum of 9.0ppg corrosion in habited fluid and leave between all plugs.
5. Circulate a 200' cement (75 sacks) plug inside 9⅝" casing from 1,070' – 1,270'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
6. Cut and pull 9⅝" casing from 200'. Place 13⅜" bridge plug at 190'. Spot 175' cement plug (125 sacks) on top of bridge plug. Tag plug at surface.
7. Verify 13⅜" by 20" casing annulus is full, if not top off.
8. Complete removing remaining casing 15' BML.
9. **Remove Sunken Barge and Pilings.** Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
10. Perform Site Clearance and Verification Survey. Site must pass survey (method approved by Inspection and Enforcement). (See Section 2, Item 28).

11. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

Well #6

Well Name	OLIN MATHIESON CHEMICAL UNIT 1 #001				Operator		H. E. ALLEN (A130)		
Serial #	70838				LAT		30° 12' 50.6"		
Field	Lockport				LONG		93° 16' 27.9"		
Location	Inland Marsh				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	10¾	15		0	558	32.75	1000	342	
Casing	5½	8½		0	3195	14	1400	143	
Cement Plug				2790	2800				
Cement Plug				0	10				
Tubing	2⅛			0	2809				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note*: Report all rates and pressures to Lafayette District Office.
2. Drill through top plug, if present, noting if there is pressure below. If there is pressure, call the Lafayette District Office.
3. Pull and lay down 2¼" tubing, if present. Run in hole to 2790' and confirm cement and CIBP with tag.
4. Set a 200' cement (25 sacks) balanced plug above the plug at 2790'. Pull above plug. WOC 4 hours. Tag cement and pressure test tubing to 300 psi. Circulate a minimum of 9.0ppg corrosion in habited fluid and leave between all plugs.
5. RIH and perf 5½" at 1270'. Circulate a balanced 200' cement (75 sacks) plug inside 5½" casing and in 5½" X 8½" open hole annulus from 1,070' – 1,270'. Pull above plug inside 5½". Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
6. Cut and pull 5½" casing from 200'. Place 10¾" bridge plug at 190'. Spot 175' cement plug (100 sacks) on top of bridge plug. Tag plug at surface.
7. Complete removing remaining all casing strings 15' BML.
8. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
9. Perform Site Clearance and Verification Survey. Site must pass survey (method approved by Inspection and Enforcement). (See Section 2, Item 28).
10. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

Well #7

Well Name	OLIN MATHIESON CHEMICAL CO #001				Operator		Clarion Corporation		
Serial #	120337				LAT		30 12 46.6		
Field	Lockport				LONG		93 16 32.9		
Location	Land				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	9⅝	12¼		0	526		1000	526	-650
Casing	7	8½	6.276	0	3,306	26	1000	465	739
Packer					None				
Perforations					None				
Tubing	2⅜			0	2,797				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note*: Report all rates and pressures to Lafayette District Office.
2. Verify wellbore integrity, test for 30 mins to 300 psi.
3. Pull and lay down 2-3/8" tubing. Run in hole to 2,820' and confirm cement and CIBP with tag.
4. Set a 300' cement (55 sacks) balanced plug above the plug at 2,820'. Plug above plug. WOC 4 hours. Tag cement and pressure test tubing to 300 psi.
5. Circulate a 300' cement (35 sacks) balanced plug from 1,000' – 1,300'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
6. Inject 200' of cement (25 sacks) of cement in to 7" x 9-5/8" casing annulus. Place cement from 200' – 500' in casing annulus. Wait on cement 4 hours. Pressure test to 300 psi.
7. Cut and pull 7" casing from 200'. Place 9-5/8" bridge plug at 180'. Spot 175' cement plug (60 sacks) on top of bridge plug. Tag plug at surface.
8. Verify 9-5/8" by open hole casing annulus is full, if not top off.
9. Complete removing remaining casing 15' BML.
10. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

11. Perform Site Clearance and Verification Survey. Site must pass survey (method approved by Inspection and Enforcement). (See Section 2, Item 28).
12. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

Well #8

Well Name	VUA; OLIN CORPORATION #001				Operator		Clarion Corporation		
Serial #	147986				LAT		30 12 33.2		
Field	Lockport				LONG		93 16 30.2		
Location	Land				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	14	14		0	82				
Casing	8⅝	10⅝	8.098	0	982	24	1500	310	-52
Casing	5½	7⅞	4.95	0	4,317	15.5	2000	300	3,105
Packer					3,529				
Perforations				3,638	3,641				
Tubing	2			0	3,535				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note*: Report all rates and pressures to Lafayette District Office.
2. Rig up wireline and make gauge run to 3,529'.
3. Mix and pump 25 sxs of cement and squeeze the perforations leaving the TOC at the production packer, 3,529'. WOC 4 hours. Tag cement and pressure test tubing to 300 psi.
4. Cut tubing above production packer at 3,500'. Displace wellbore with minimum 9.0 ppg corrosion inhibited fluid and leave between all plugs.
5. Circulate a 300' cement plug (35 sacks) from 3,200' – 3,500'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
6. Pull to 1,300'. Perforate 5-1/2" casing at 1,300'. Establish injection into the 5-1/2" x 8-5/8" casing annulus. Set 300' cement plug (125 sacks) from 900' – 1,300'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
7. Cut and pull 5-1/2" casing from 200'. Place 8-5/8" bridge plug at 180'. Spot 175' cement plug (55 sacks) on top of bridge plug. Tag plug at surface.
8. Verify 8-5/8" x 14" casing annulus is full, if not top off.
9. Complete removing remaining casing as deep below ground level as possible, minimum of 5'. Place metal top on casing stub and weld well serial number onto top.
   Remove and dispose of all equipment

Well #9

Well Name	VUA; SL 6379 #002				Operator		Clarion Corporation		
Serial #	147987				LAT		30 12 34.9		
Field	Lockport				LONG		93 16 30.6		
Location	Land				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	14	14		0	82				
Casing	8⅝	10⅝	8.098	0	979	24	1500	310	-55
Casing	5½	7⅞	4.95	0	4,395	15.5	2000	300	3,183
Packer					3,590				
Perforations				3,705	3,710				
Tubing	2			0	3,594				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note*: Report all rates and pressures to Lafayette District Office.
2. Rig up wireline and make gauge run to 3,590'.
3. Mix and pump 25 sxs of cement and squeeze the perforations leaving the TOC at the production packer, 3,590'. WOC 4 hours. Tag cement and pressure test tubing to 300 psi.
4. Cut tubing above production packer at 3,500'. Displace wellbore with minimum 9.0 ppg corrosion inhibited fluid and leave between all plugs.
5. Circulate a 300' cement plug (35 sacks) from 3,200' – 3,500'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
6. Pull to 1,300'. Perforate 5-1/2" casing at 1,300'. Establish injection into the 5-1/2" x 8-5/8" casing annulus. Set 300' cement plug (125 sacks) from 900' – 1,300'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
7. Cut and pull 5-1/2" casing from 200'. Place 8-5/8" bridge plug at 180'. Spot 175' cement plug (55 sacks) on top of bridge plug. Tag plug at surface.
8. Verify 8-5/8" x 14" casing annulus is full, if not top off.
9. Complete removing remaining casing as deep below ground level as possible, minimum of 5'. Place metal top on casing stub and weld well serial number onto top.
10. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

Well #10

Well Name	VUA; OLIN CORPORATION #003				Operator		Clarion Corporation		
Serial #	147988				LAT		30 12 38.3		
Field	Lockport				LONG		93 16 32.5		
Location	Land				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	14	14		0	89				
Casing	8⅝	10⅝	8.098	0	975	24	1500	310	-59
Casing	5½	7⅞	4.95	0	4,219	15.5	2000	300	3,007
Packer					3,802				
Perforations				3,950	3,953				
Tubing	2			0	3,808				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note*: Report all rates and pressures to Lafayette District Office.
2. Rig up wireline and make gauge run to 3,574'.
3. Mix and pump 25 sxs of cement and squeeze the perforations leaving the TOC at the production packer, 3,574'. WOC 4 hours. Tag cement and pressure test tubing to 300 psi.
4. Cut tubing above production packer at 3,500'. Displace wellbore with minimum 9.0 ppg corrosion inhibited fluid and leave between all plugs.
5. Circulate a 300' cement plug (35 sacks) from 3,200' – 3,500'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
6. Pull to 1,300'. Perforate 5-1/2" casing at 1,300' Establish injection into the 5-1/2" x 8-5/8" casing annulus. Set 300' cement plug (125 sacks) from 900' – 1,300'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
7. Cut and pull 5-1/2" casing from 200'. Place 8-5/8" bridge plug at 180'. Spot 175' cement plug (55 sacks) on top of bridge plug. Tag plug at surface.
8. Verify 8-5/8" x 14" casing annulus is full, if not top off.

9. Complete removing remaining casing as deep below ground level as possible, minimum of 5'. Place metal top on casing stub and weld well serial number onto top.
10. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

Well#11

Well Name	VUA; OLIN CORPORATION #004				Operator		Clarion Corporation		
Serial #	147989				LAT		30 12 41.09		
Field	Lockport				LONG		93 16 33.6		
Location	Land				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	14	14		0	97				
Casing	8.626	10.625	8.098	0	1,327	24	1500	400	-7
Casing	5.5	7.875	4.95	0	4,209	15.5	2000	400	2,593
Packer					3,802				
Perforations				3,950	3,953				
Tubing	2			0	3,808				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note*: Report all rates and pressures to Lafayette District Office.
2. Rig up wireline and make gauge run to 3,802'.
3. Mix and pump 25 sxs of cement and squeeze the perforations leaving the TOC inside of tubing at 3,802'. WOC 4 hours. Tag cement and pressure test tubing to 300 psi.
4. Cut tubing above production packer at 3,750'. Displace wellbore with minimum 9.0 ppg corrosion inhibited fluid and leave between all plugs.
5. Circulate a 300' cement plug (35 sacks) from 23,450' – 3,750'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
6. Pull to surface casing shoe. Set 300' cement plug (35 sacks) from 1,000' – 1,300'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
7. Inject 300' of cement (50 sacks) of cement in to 5-1/2" x 8-5/8" casing annulus. Place cement from 1,100' – 1,400' in casing annulus. Wait on cement 4 hours. Pressure test to 300 psi.
8. Cut and pull 5-1/2" casing from 200'. Place 8-5/8" bridge plug at 180'. Spot 175' cement plug (55 sacks) on top of bridge plug. Tag plug at surface.
9. Verify 8-5/8" x 14" casing annulus is full, if not top off.
10. Complete removing remaining casing as deep below ground level as possible, minimum of 5'. Place metal top on casing stub and weld well serial number onto top.

11. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

Well #12

Well Name	VUA; OLIN CORPORATION #005				Operator		Clarion Corporation		
Serial #	147990				LAT		30 12 41.09		
Field	Lockport				LONG		93 16 33.6		
Location	Land				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	14	14		0	97				
Casing	8⅝	10⅝	8.098	0	1,327	24	1500	400	-7
Casing	5½	7⅞	4.95	0	4,209	15.5	2000	400	2,593
Packer					2,771				
Perforations				2878	2881				
Tubing	2			0	2,777				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note*: Report all rates and pressures to Lafayette District Office.
2. Rig up wireline and make gauge run to 2,771.
3. Mix and pump 25 sxs of cement and squeeze the perforations leaving the TOC inside of tubing at 2,771'. WOC 4 hours. Tag cement and pressure test tubing to 300 psi.
4. Cut tubing above production packer at 2,700'. Displace wellbore with minimum 9.0 ppg corrosion inhibited fluid and leave between all plugs.
5. Circulate a 300' cement plug (35 sacks) from 2,400' – 2,700'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
6. Pull to surface casing shoe. Set 300' cement plug (35 sacks) from 1,000' – 1,300'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
7. Inject 300' of cement (50 sacks) of cement in to 5-1/2" x 8-5/8" casing annulus. Place cement from 1,100' – 1,400' in casing annulus. Wait on cement 4 hours. Pressure test to 300 psi.
8. Cut and pull 5-1/2" casing from 200'. Place 8-5/8" bridge plug at 180'. Spot 175' cement plug (55 sacks) on top of bridge plug. Tag plug at surface.
9. Verify 8-5/8" x 14" casing annulus is full, if not top off.
10. Complete removing remaining casing as deep below ground level as possible, minimum of 5'. Place metal top on casing stub and weld well serial number onto top.
11. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

Well # 13

Well Name	VUA; SL 6379 #001				Operator		Clarion Corporation		
Serial #	151746				LAT		30 12 43.8		
Field	Lockport				LONG		93 16 34.8		
Location	Land				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	14	14		0	93				
Casing	8.⅝	10⅝	8.098	0	1,365	24	1000	430	
Casing	5½	7⅞	4.95	0	3,975	15.5	2000	750	
Packer					3,544				
Perforations				3,665	3,669				
Tubing	2			0	3,538				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note*: Report all rates and pressures to Lafayette District Office.
2. Rig up wireline and make gauge run to 3,544'.
3. Mix and pump 25 sxs of cement and squeeze the perforations leaving the TOC inside of tubing at 3,544'. WOC 4 hours. Tag cement and pressure test tubing to 300 psi.
4. Cut tubing above production packer at 3,450'. Displace wellbore with minimum 9.0 ppg corrosion inhibited fluid and leave between all plugs.
5. Circulate a 300' cement plug (35 sacks) from 3,150' – 3,450'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
6. Pull to surface casing shoe. Set 300' cement plug (35 sacks) from 1,100' – 1,400'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
7. Inject 300' of cement (50 sacks) of cement in to 5-1/2" x 8-5/8" casing annulus. Place cement from 1,100' – 1,400' in casing annulus. Wait on cement 4 hours. Pressure test to 300 psi.
8. Cut and pull 5-1/2" casing from 200'. Place 8-5/8" bridge plug at 180'. Spot 175' cement plug (55 sacks) on top of bridge plug. Tag plug at surface.
9. Verify 8-5/8" x 14" casing annulus is full, if not top off.
10. Complete removing remaining casing as deep below ground level as possible, minimum of 5'. Place metal top on casing stub and weld well serial number onto top.

11. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

Well # 14

Well Name	VUA; SL 6379 #003				Operator		Clarion Corporation		
Serial #	151748				LAT		30 12 34.3		
Field	Lockport				LONG		93 16 30.4		
Location	Land				USDW		1170.00		
Parish	Calcasieu				Directional		No		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	14	14		0					
Casing	8.⅝	10⅝	8.098	0	1,365	24	1000	450	
Casing	5½	7⅞	4.95	0	4,140	15.5	1500	300	
Packer									
Perforations				3,962	3,966				
Tubing	2⅜			0	3,834				

PROCEDURES

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
- ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***

1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note*: Report all rates and pressures to Lafayette District Office.
2. Rig up wireline and make gauge run to 3,544'.
3. Mix and pump 25 sxs of cement and squeeze the perforations leaving the TOC inside of tubing at 3,544'. WOC 4 hours. Tag cement and pressure test tubing to 300 psi.
4. Cut tubing above production packer at 3,450'. Displace wellbore with minimum 9.0 ppg corrosion inhibited fluid and leave between all plugs.
5. Circulate a 300' cement plug (35 sacks) from 3,150' – 3,450'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
6. Pull to surface casing shoe. Set 300' cement plug (35 sacks) from 1,100' – 1,400'. Pull above plug. Wait on cement 4 hours. Tag cement plug and pressure test to 300 psi.
7. Inject 300' of cement (50 sacks) of cement in to 5-1/2" x 8-5/8" casing annulus. Place cement from 1,100' – 1,400' in casing annulus. Wait on cement 4 hours. Pressure test to 300 psi.
8. Cut and pull 5-1/2" casing from 200'. Place 8-5/8" bridge plug at 180'. Spot 175' cement plug (55 sacks) on top of bridge plug. Tag plug at surface.
9. Verify 8-5/8" x 14" casing annulus is full, if not top off.
10. Complete removing remaining casing as deep below ground level as possible, minimum of 5'. Place metal top on casing stub and weld well serial number onto top.

11. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

Section 8 **BREAKDOWN OF LUMP SUM TOTAL**

ITEM DESCRIPTION	COST
1. P&A - 59097	$ _____
2. P&A - 59630	$ _____
3. P&A - 60125	$ _____
4. P&A - 60305	$ _____
5. P&A - 65129	$ _____
Remove Sunken Barge	$ _____
6. P&A - 70838	$ _____
7. P&A - 120337	$ _____
8. P&A - 147986	$ _____
9. P&A - 147987	$ _____
10. P&A - 147988	$ _____
Remediate Site (< 10' radius around well)	
A. Equipment Cost (for Oil spill clean-up, containment, etc.)	$ _____
B. Removal and Disposal of fluids	$ _____
C. Cost to back fill top 1' of soil.	$ _____
D. Sample and Test Contaminated Soils	$ _____
11. P&A - 147989	$ _____
12. P&A - 147990	$ _____
Remediate Site (~ 40' radius around well)	
A. Equipment Cost (for Oil spill clean-up, containment, etc.)	$ _____
B. Removal and Disposal of fluids	$ _____
C. Cost to back fill top 1' of soil.	$ _____
D. Sample and Test Contaminated Soils	$ _____
13. P&A - 151746	$ _____
14. P&A - 151748	$ _____
Site Clearance and Verification	$ _____
Coastal Use Permit	$ _____

Permit Fee 14 x $75	$1,050.00
SWD Permit Fee 0 x 125	$ 0.00

Other (must separately list and identify any additional costs)

_____ $ _____

_____ $ _____

Deduct salvage value (Itemized listing must be attached) $ (_____)

TOTAL * **$**_____

Bidder must enter a bid amount on all items. Failure to do so may eliminate your bid from consideration. Partial bids for incomplete Scope of Work are not acceptable

*Must equal the sum of the above items and must equal the lump sum total indicated on Page 3 of the bid document. Bidder must supply the information required on Section 5. Failure to do so may eliminate your bid from consideration.

Costs NOT to be included in the TOTAL above (to be used when establishing change order costs):

1. **Rig & crew cost per hour - $_____.**
2. **Hauling costs per cubic foot - $_____.**
3. **Disposal Costs per cubic foot - $_____.**

Attachments

ATTACHMENT "A"
INSURANCE REQUIREMENTS
CERTIFICATE OF INSURANCE
ACT 404 : P&A CONTRACTS
LAND OPERATIONS

1. **GENERAL LIABILITY:**

   A. Minimum limits of $1,000,000 per occurrence.
   B. BI/PD/Contractual/Products-Completed Operations/OCP.
   C. Additional Insured - The State of Louisiana, all State Departments, Agencies, Board and Commissions, its officers, directors, agents, and employees are to be included as additional insured with respect to any work done by the Insured under contract.
   D. Waiver of Subrogation in favor of: The State of Louisiana, all State Departments, Agencies, Board and Commissions, its officers, directors, agents and employees with respect to any work done by the Insured under contract.
   E. Pollution Liability including Clean up.
   F. Underground Resources.
   G. Blowout & Cratering.
   H. Broad Form Property Damage.
   I. XCU - Explosion/Collapse/Underground.
   J. No restriction in coverage for use of explosives.

2. **WORKERS' COMPENSATION:**

   A. Statutory coverage and Employers Liability.
   B. Waiver of Subrogation in favor of: The State of Louisiana, all State Departments, Agencies, Board and Commissions, its officers, directors, agents and employees with respect to any work done by the Insured under contract.
   C. Minimum Employers Liability of $1,000,000/$1,000,000/$1,000,000.
   D. No restriction in coverage for use of explosives.

3. **AUTOMOBILE LIABILITY:**

   A. Minimum limits of $1,000,000 per occurrence.
   B. Owned/Non Owned/Hired Automobiles.
   C. Additional Insured - The State of Louisiana, all State Departments, Agencies, Board and Commissions, its officers, directors, agents and employees are to be included as additional insured with respect to any work done by the Insured under contract.
   D. Waiver of Subrogation in favor of: The State of Louisiana, all State Departments, Agencies, Board and Commissions, its officers, directors, agents and employees with respect to any work done by the Insured under contract.

4. **IF NOT COVERED BY GENERAL LIABILITY**

   A. Pollution Liability including Clean up.
   B. Underground Resources.
   C. Blowout & Cratering.
   D. Broad Form Property Damage.
   E. XCU - Explosion/Collapse/Underground.

ATTACHMENT "B"
NORM Survey Results
(To be provided at site visit)