



State of Arkansas  
OFFICE OF STATE PROCUREMENT  
1509 West Seventh Street, Room 300  
Little Rock, Arkansas 72201-4222

## INVITATION FOR BID

IFB Number: <b>SP-16-0097</b>	Buyer: Judy Shirley, CPPB
Commodity or Service: Water Testing Instrument Agency: AR Dept. of Environmental Quality	Bid Opening Date: September 16, 2015
Date Issued: September 3, 2015	Bid Opening Time: 2:00:00 p.m. Central Daylight Time

BIDS WILL BE ACCEPTED UNTIL THE TIME AND DATE SPECIFIED ABOVE. THE BID ENVELOPE, INCLUDING THE OUTSIDE OF OVERNIGHT PACKAGES, MUST BE SEALED AND SHOULD BE PROPERLY MARKED WITH THE BID NUMBER, DATE AND HOUR OF BID OPENING AND VENDOR'S RETURN ADDRESS. IT IS NOT NECESSARY TO RETURN "NO BIDS" TO THE OFFICE OF STATE PROCUREMENT.

**Vendors are responsible for delivery of their bid documents to the Office of State Procurement prior to the scheduled time for opening of the particular bid. When appropriate, vendors should consult with delivery providers to determine whether the bid documents will be delivered to the OSP office street address prior to the scheduled time for bid opening. Delivery providers, USPS, UPS, and FedEx deliver mail to our street address on a schedule determined by each individual provider. These providers will deliver to our offices based solely on our street address.**

<b>MAILING ADDRESS:</b> Office of State Procurement 1509 West Seventh Street, Room 300 Little Rock, AR 72201-4222  <b>TELEPHONE NUMBER:</b> 501-324-9316	<b>BID OPENING LOCATION:</b> Office of State Procurement 1509 West Seventh Street, Room 300 Little Rock, AR 72201-4222
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Company Name: \_\_\_\_\_

Name (type or print): \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

**Signature:** \_\_\_\_\_

**USE INK ONLY. UNSIGNED BIDS WILL NOT BE CONSIDERED**

Business Designation  
(check one):

Individual [ ]

Sole Proprietorship [ ]

Public Service Corp [ ]

Partnership [ ]

Corporation [ ]

Government/ Nonprofit [ ]

TYPE OF CONTRACT:	Term
AGENCY P.R. NUMBER	100072152

**1. MINORITY BUSINESS POLICY:** Minority participation is encouraged in this and in all other procurements by state agencies. Minority is defined by Arkansas Code Annotated § 15-4-303 as a lawful permanent resident of this state who is: African American, Hispanic American, American Indian, Asian American, Pacific Islander American or a Service Disabled Veteran as designated by the United States Department of Veterans Affairs. The Arkansas Economic Development Commission conducts a certification process for minority business. Bidders unable to include minority-owned business as subcontractors “may explain the circumstances preventing minority inclusion”.

Check minority type:

African American\_\_\_\_ Hispanic American\_\_\_\_ American Indian\_\_\_\_ Asian American\_\_\_\_  
Pacific Islander American\_\_\_\_ Service Disabled Veteran\_\_\_\_

Arkansas Minority Certification Number\_\_\_\_\_

**2. EQUAL EMPLOYMENT OPPORTUNITY POLICY:** In compliance with Arkansas Code Annotated § 19-11-104, the Office of State Procurement is required to have a copy of the vendor's Equal Opportunity Policy prior to issuing a contract award. EO Policies may be submitted in electronic format to the following email address: [eeopolicy.osp@dfa.arkansas.gov](mailto:eeopolicy.osp@dfa.arkansas.gov), or as a hard copy accompanying the solicitation response. The Office of State Procurement will maintain a file of all vendor EO policies submitted in response to solicitations issued by this office. The submission is a one- time requirement, but vendors are responsible for providing updates or changes to their respective policies, and for supplying EO policies upon request to other state agencies that must also comply with this statute. Vendors that do not have an established EO policy will not be prohibited from receiving a contract award, but are required to submit a written statement to that effect.

**3. TECHNOLOGY ACCESS:** When procuring a technology product or when soliciting the development of such a product, the State of Arkansas is required to comply with the provisions of Arkansas Code Annotated § 25-26-201 et seq., as amended by Act 308 of 2013, which expresses the policy of the State to provide individuals who are blind or visually impaired with access to information technology purchased in whole or in part with state funds. The Vendor expressly acknowledges and agrees that state funds may not be expended in connection with the purchase of information technology unless that system meets the statutory requirements found in 36 C.F.R. § 1194.21, as it existed on January 1, 2013 (software applications and operating systems) and 36 C.F.R. § 1194.22, as it existed on January 1, 2013 (web-based intranet and internet information and applications), in accordance with the State of Arkansas technology policy standards relating to accessibility by persons with visual impairments.

Accordingly, the vendor expressly represents and warrants to the State of Arkansas through the procurement process by submission of a Voluntary Product Accessibility Template (VPAT) or similar documentation to demonstrate compliance with 36 C.F.R. § 1194.21, as it existed on January 1, 2013 (software applications and operating systems) and 36 C.F.R. § 1194.22, as it existed on January 1, 2013 (web-based intranet and internet information and applications) that the technology provided to the State for purchase is capable, either by virtue of features included within the technology, or because it is readily adaptable by use with other technology, of:

- Providing, to the extent required by Arkansas Code Annotated § 25-26-201 et seq., as amended by Act 308 of 2013, equivalent access for effective use by both visual and non-visual means;
- Presenting information, including prompts used for interactive communications, in formats intended for non-visual use;
- After being made accessible, integrating into networks for obtaining, retrieving, and disseminating information used by individuals who are not blind or visually impaired;
- Providing effective, interactive control and use of the technology, including without limitation the operating system, software applications, and format of the data presented is readily achievable by nonvisual means;
- Being compatible with information technology used by other individuals with whom the blind or visually impaired individuals interact;

Integrating into networks used to share communications among employees, program participants, and the public; and

Providing the capability of equivalent access by nonvisual means to telecommunications or other interconnected network services used by persons who are not blind or visually impaired.

If the information technology product or system being offered by the Vendor does not completely meet these standards, the Vendor must provide an explanation within the Voluntary Product Accessibility Template (VPAT) detailing the deviation from these standards.

State agencies cannot claim a product as a whole is not commercially available because no product in the marketplace meets all the standards. If products are commercially available that meet some but not all of the standards, the agency must procure the product that best meets the standards or provide written documentation supporting selection of a different product.

- 4. COMPLIANCE WITH THE STATE SHARED TECHNICAL ARCHITECTURE PROGRAM:** The respondent's solution must comply with the state's shared Technical Architecture Program which is a set of policies and standards that can be viewed at: <http://www.dis.arkansas.gov/policiesStandards/Pages/default.aspx>. Only those standards which are fully promulgated or have been approved by the Governor's Office apply to this solution.
- 5. ALTERATION OF ORIGINAL IFB DOCUMENTS:** The original written or electronic language of the IFB documents shall not be changed or altered except by approved written addendum issued by the Office of State Procurement. This does not eliminate a Bidder from taking exception(s) to non-mandatory terms and conditions, but does clarify that the Bidder cannot change the original document's written or electronic language. If the Bidder wishes to make exception(s) to any of the original language, it must be submitted by the Bidder in separate written or electronic language in a manner that clearly explains the exception(s). If Bidder's/Contractor's submittal is discovered to contain alterations/changes to the original written or electronic documents, the Bidder's response may be declared as "non-responsible" and the response shall not be considered.
- 6. REQUIREMENT OF AMENDMENT:** THIS IFB MAY BE MODIFIED ONLY BY AMENDMENTS WRITTEN AND AUTHORIZED BY THE OFFICE OF STATE PROCUREMENT. Bidders are cautioned to ensure that they have received or obtained, and responded to, any and all amendments to the bid prior to submission. There will be no addendums to a bid 72 hours prior to the bid opening. It is the responsibility of the vendor to check the OSP website, <http://www.arkansas.gov/dfa/procurement/bids/index.php> for any and all addendums up to that time.
- 7. DELIVERY OF RESPONSE DOCUMENTS:** In accordance with the Arkansas Procurement Law and Rules, it is the responsibility of vendors to submit bids at the place, and on or before the date and time, set in the bid solicitation documents. Bid documents received at the Office of State Procurement after the date and time designated for bid opening are considered late bids and shall not be considered. Bid documents arriving late, which are to be returned and are not clearly marked, may be opened to determine for which bid the submission is intended.
- 8. ADDITIONAL TERMS AND CONDITIONS:** The Office of State Procurement objects to, and shall not consider, any additional terms or conditions submitted by a bidder, including any appearing in documents attached as part of a bidder's response. In signing and submitting his bid, a bidder agrees that any additional terms or conditions, whether submitted intentionally or inadvertently, shall have no force or effect. Failure to comply with terms and conditions, including those specifying information that must be submitted with a bid, shall be grounds for rejecting a bid.
- 9. ANTICIPATION TO AWARD:** After complete evaluation of the solicitation, the anticipated award will be posted on the Office of State Procurement website. The purpose of the posting is to establish a specific time in which vendors and agencies are aware of the anticipated award. The bid results will be posted for a period of fourteen (14) days prior to the issuance of any award. Vendors and agencies are cautioned that these are preliminary results only, and no official award will be issued prior to the end of the fourteen-day posting period. Accordingly, any reliance on these preliminary results is at the agency's/vendor's own risk.

The Office of State Procurement reserves the right to waive the Anticipation to Award when it is determined to be in the best interest of the State.

- 10. PAST PERFORMANCE:** In accordance with provisions of The State Procurement Law, R7: 19-11-229 Competitive Sealed Bidding - Bid Evaluation paragraph (E) (i) & (ii): a vendor's past performance with the state may be used in the evaluation of any bid made in response to this solicitation. The past performance should not be greater than three years old and must be supported by written documentation on file in the Office of State Procurement at the time of the bid opening. Documentation may be in the form of a written or an electronic report, VPR (Vendor Performance Report), memo, file or any other appropriate authenticated notation of performance to the vendor files.
- 11. VISA ACCEPTANCE:** Awarded contractors should have the capability of accepting the State's authorized VISA Procurement Card (p-card) as a method of payment. Price changes or additional fee(s) may not be assessed when accepting the p-card as a form of payment. The successful bidder may receive payment from the State by the p-card in the same manner as other VISA purchases. VISA acceptance is preferred but is not the exclusive method of payment.
- 12. EO-98-04 GOVERNOR'S EXECUTIVE ORDER:** Bidders should complete the Disclosure Forms issued with this bid.
- 13. CURRENCY:** All bid pricing must be United States dollars and cents.
- 14. LANGUAGE:** Bids will only be accepted in the English language.

**SECTION 1 - GENERAL INFORMATION****1.1 INTRODUCTION**

This Invitation for Bid (IFB) is issued by the Office of State Procurement (OSP) for Arkansas Department of Environmental Quality (ADEQ) to obtain pricing and a contract for ProDSS Handheld Multiparameter Sampling Instruments, no GPS.

**1.2 COOPERATIVE PROCUREMENT PROGRAM PARTICIPATION**

Arkansas' Purchasing Law provides that local public procurement units (counties, municipalities, school districts, certain nonprofit corporations, and so forth) may participate in state procurement contracts. Therefore the contractor agrees to rent to Cooperative Procurement Program Participants. Unless otherwise stated, all standard and special terms and conditions listed within the Invitation for Bid must be equally applied to such participants.

**1.3 ISSUING AGENCY**

**The issuing office is the sole point of contact in the State for the selection process.** Vendor questions regarding IFB related matters should be made through the State's buyer, Judy Shirley at 501-324-9316 or by email: [judy.shirley@dfa.arkansas.gov](mailto:judy.shirley@dfa.arkansas.gov). For technical related questions vendors may contact Judy Shirley at 501-324-9316 or email: [judy.shirley@dfa.arkansas.gov](mailto:judy.shirley@dfa.arkansas.gov). Vendor's questions will be answered as a courtesy and at vendor's own risk.

**1.4 CAUTION TO BIDDERS**

1. **During the time between the bid opening and contract award, any contact concerning this IFB should be initiated by the issuing office or requesting entity and not the vendor.** Specifically, the person named herein will initiate all contact.
2. **Vendors must submit one (1) signed original IFB response on or before the date specified on page one.**
3. The State Procurement Official reserves the right to award a contract or reject a bid for any or all line items of a bid received as a result of this IFB, if it is in the best interest of the State to do so. Bids will be rejected for one or more reasons not limited to the following:
  - a. Failure of the vendor to submit his bid(s) on or before the deadline established by the issuing office.
  - b. Failure to sign an Official Bid Document.
  - c. Failure to complete the Official Bid Price Sheet(s).
  - d. Any wording by the vendor in their response to this IFB, or in subsequent correspondence, which conflicts with or takes exception to a requirement in the IFB.
  - e. Failure of any proposed goods or service to meet or exceed the specifications.

**1.5 BID FORMAT**

Any statement in this document that contains the word "**will**", "**must**" or "**shall**" means that compliance with the intent of the statement is mandatory, and failure by the bidder to satisfy that intent will cause the bid to be rejected. Reference to handbooks or other technical materials as part of a response must not constitute the entire response and vendor must identify the specific page and paragraph being referenced.

**1.6 TYPE OF CONTRACT**

The contract will be a one (1) year **TERM** contract from the date of award. Upon mutual agreement by the contractor and OSP, the contract may be renewed on a year-to-year basis, for up to (six (6)) additional (one (1) year terms) or a portion thereof. In no event shall the total contract term be more than seven (7) years.

**1.7 PAYMENT AND INVOICE PROVISIONS**

All invoices should be forwarded to the:  
Arkansas Department of Environmental Quality (ADEQ)  
Attention: Accounts Payable  
5301 Northshore Drive  
North Little Rock, Arkansas 72118

Payment will be made in accordance with applicable State of Arkansas accounting procedures upon acceptance by the ADEQ. The State may not be invoiced in advance of delivery and acceptance of any equipment. Payment will be made only after the contractor has successfully satisfied the ADEQ as to the goods purchased. Vendor should invoice ADEQ by an itemized list of charges. Purchase Order Number and/or Contract Number should be referenced on each invoice.

Selected vendor must be registered to receive payment and future bid notifications. If you are not a registered vendor you may register on-line at <https://www.ark.org/vendor/index.html>.

**1.8 RECORD RETENTION**

The Contractor **shall** be required to maintain all pertinent financial and accounting records and evidence pertaining to the contract in accordance with generally accepted principles of accounting and other procedures specified by the State of Arkansas. Access will be granted upon request, to State or Federal Government entities or any of their duly authorized representatives.

Financial and accounting records **shall** be made available, upon request, to the State of Arkansas' designees at any time during the contract period and any extension thereof, and for five (5) years from expiration date and final payment on the contract or extension thereof.

**1.9 PROPRIETARY INFORMATION**

Proprietary information submitted in response to this (IFB) will be processed in accordance with applicable State of Arkansas procurement procedures. Bids and documents pertaining to the (IFB) become the property of the State and shall be open to public inspection subsequent to bid opening. It is the responsibility of the Vendor to identify all proprietary information. **The vendor should submit one complete copy of the response from which any proprietary information has been removed, i.e., a redacted copy.** The redacted copy should reflect the same pagination as the original, show the empty space from which information was redacted, and should be submitted on a CD or flash drive. Except for the redacted information, the redacted copy must be identical to the original hard copy. The vendor is responsible for ensuring the redacted copy on CD/flash drive is protected against restoration of redacted data. The redacted copy will be open to public inspection under the Freedom of Information Act (FOIA) without further notice to the vendor. If a redacted copy is not included, the entire bid will be open to public inspection with the exception of financial data (other than pricing). If the State of Arkansas deems redacted information to be subject to the FOIA the vendor will be contacted prior to sending out the information.

**1.10 RESERVATION**

This IFB does not commit the State Procurement Official to award a contract, to pay costs incurred in the preparation of a bid in response to this request, or to procure or contract for commodities or services.

**1.11 PRIME CONTRACTOR RESPONSIBILITY**

The selected vendor **will** be required to assume prime contractor responsibility for the contract and will be the sole point of contact with regard to all commodities, services and support.

If any part of the work must be subcontracted, vendor **must** include a list of subcontractors, including firm name and address, contact person, complete description of work to be subcontracted, and descriptive information concerning subcontractor's organizational activities in their technical bid response.

The contractor **shall** give OSP immediate notice, in writing, by certified mail of any action which, in the opinion of the contractor, may result in litigation related in any way to the contract or the State.

**1.12 CONTRACT INFORMATION**

1. The State of Arkansas may not contract with another party:
  - a. To lease any equipment or software for a period of time which continues past the end of a fiscal year unless the contract allows cancellation by the State Procurement Official upon thirty (30) days written notice whenever there are no funded appropriations for the equipment or software.
  - b. To indemnify and defend that party for any liability and damages. However, the State Procurement Official may agree to hold the other party harmless from any loss or claim resulting directly from and attributable to the State's use or possession of equipment or software and reimburse that party for the loss caused solely by the State's uses or possession.
  - c. Upon default, to pay all sums to become due under a contract.
  - d. To pay damages, legal expenses or other costs and expenses of any party.
  - e. To continue a contract once the equipment has been repossessed.
  - f. To conduct litigation in a place other than Pulaski County, Arkansas
  - g. To agree to any provision of a contract which violates the laws or constitution of the State of Arkansas.
2. A party wishing to contract with the State of Arkansas should:
  - a. Remove any language from its contract which grants to it any remedies other than:
    - i. The right to possession.
    - ii. The right to accrued payments.
    - iii. The right to expenses of de-installation.
    - iv. The right to expenses of repair to return the equipment to normal working order, normal wear and tear

excluded.

v. The right to recover only amounts due at the time of repossession and any unamortized nonrecurring cost as allowed by Arkansas Law.

b. Include in its contract that the laws of the State of Arkansas govern the contract.

c. Acknowledge that contracts become effective when awarded by the State Procurement Official.

3. The State of Arkansas may contract with another party:

a. To accept the risk of loss of the equipment or software and pay for any destruction, loss or damage of the equipment or software while the State has such risk, when the extent of liability for such risk is based upon the purchase price of the equipment or software at the time of any loss and the contract has required the State to carry insurance for such risk.

b. To lease any equipment and/or software past the end of a fiscal year if the contract contains a provision to allow cancellation by the State Procurement Official upon a 30 day written notice to the vendor/lessor in the event funds are not appropriated.

### **1.13 CONDITIONS OF CONTRACT**

The successful bidder shall at all times observe and comply with Federal and State laws, local laws, ordinances, orders, and regulations existing at the time of or enacted subsequent to the execution of the contract which in any manner affect the completion of the work. The successful bidder shall indemnify and save harmless the agency and all its officers, representatives, agents, and employees against any claim or liability arising from or based upon the violation of any such law, ordinance, regulation, order or decree by an employee, representative, or subcontractor of the successful bidder.

### **1.14 STATEMENT OF LIABILITY**

The State will demonstrate reasonable care but shall not be liable in the event of loss, destruction, or theft of contractor-owned items to be delivered or to be used in the installation of deliverables. The vendor is required to retain total liability until the deliverables have been accepted by the "authorized agency official." At no time will the State be responsible for or accept liability for any vendor-owned items.

### **1.15 AWARD RESPONSIBILITY**

The State Procurement Official will be responsible for award and administration of any resulting contract.

### **1.16 PUBLICITY**

News releases by a vendor pertaining to this IFB or any portion of the project shall not be made without prior written approval of the State Procurement Official. Failure to comply with this requirement is deemed to be a valid reason for disqualification of the vendor's bid. The State Procurement Official will not initiate any publicity relating to this procurement action before the contract award is completed.

### **1.17 AWARD CRITERIA**

This Invitation for Bid will be awarded as an **"ALL OR NONE", Grand Total (All line items – per (1) each),** to the lowest responsive, responsible bidder.

Bids must meet or exceed all defined specifications. Bids must meet all terms and conditions of this Invitation for Bid and the laws of the State of Arkansas.

### **1.18 DELEGATION AND/OR ASSIGNMENT**

The vendor shall not assign the contract in whole or in part or any payment arising there from without the prior written consent of the State Procurement Official. The vendor shall not delegate any duties under the contract to a subcontractor unless the State Procurement Official has given written consent to the delegation.

### **1.19 COST**

All charges **must** be included on the Official Bid Price Sheet and **must** include all associated cost for the goods, being bid. Bid pricing must be valid for ninety (90) days following IFB opening to allow sufficient time to tabulate and evaluate bid responses.

#### **NOTE:**

1. The State will not be obligated to pay any costs not identified on the Official Bid Price Sheet.

2. Any cost not identified by the bidder but subsequently incurred in order to achieve completion and delivery of items **shall** be borne by the bidder.

**1.20 PRICE CHANGE CLAUSE**

All prices bid will remain firm for the first term of the contract. In the event of an industry wide price increase, the contractor may request a price adjustment at the time of the contract extension request, provided the contractor submits documentation from the manufacturer certifying/justifying the increased cost. After receipt of required documentation and in the event a price change is authorized thereafter, said prices will remain firm for any period agreed upon for extension.

In the event of a general price decrease, the State shall be guaranteed full benefit of the price reduction for all undelivered purchase orders on the effective date of the decrease and thereafter.

**1.19 DELIVERY: FOB DESTINATION**

Arkansas Department of Environmental Quality (ADEQ)  
Attention: Cathalene Purvis or Tate Wentz  
5301 Northshore Drive  
North Little Rock, AR 72118

The agency requests delivery within **thirty (30)** calendar days after receipt of the order. If this delivery date cannot be met, the bidder must state the number of days required to place the commodity in the ordering agency's designated location. Failure to state the delivery time obligates the bidder to complete delivery by the agency's requested date. Extended delivery dates may be considered when in the best interest of the state.

Delivery \_\_\_\_\_ **calendar** days after receipt of order.

All deliveries must be made during normal state work hours and within the agreed upon number of days unless otherwise arranged and coordinated with the agency. The vendor shall give the agency immediate notice of any anticipated delays or plant shutdowns that will affect the delivery requirement.

Loss or damage that occurs during shipping, prior to the order being received by the agency, is the vendor's responsibility. All orders should be properly packaged to prevent damage during shipping.

**1.20 ACCEPTANCE STANDARDS**

Inspection and acceptance/rejection of product shall be made within thirty (30) days of receipt. ADEQ shall have the option to return any product within the thirty (30) day timeframe for any reason. Bid must include a "total satisfaction" return policy for all products and shall not impose any liability on the State for such returns.

**1.21 CANCELLATION**

In the event the State no longer needs the service or commodity specified in the contract or purchase order due to program changes, changes in laws, rules, or regulations, relocation of offices, or lack of appropriated funding, the State may cancel the contract or purchase order by giving the contractor written notice of such cancellation thirty (30) days prior to the date of cancellation.



**SECTION 2 - SPECIFIC REQUIREMENTS****2.0 SCOPE**

This Invitation for Bid (IFB) is issued by the Office of State Procurement (OSP) for ADEQ to provide ProDSS Handheld Multiparameter Sampling Instruments, no GPS. Delivery of this item will be to: 5301 Northshore Drive, North Little Rock, Arkansas 72118. Vendors are encouraged to be as specific as possible in their responses about their services provided and prices.

The purpose of this bid is to procure a state-of-the-art portable digital sampling system for the measurement of pH, ORP, dissolved oxygen (optical-based sensor), conductivity, turbidity, temperature, and depth.

The Pro DSS Handheld Multiparameter Sampling Instrument is designed for use in applications such as; surface water, groundwater, coastal waters, and aquaculture. The rugged and reliable ProDSS allows for measurement of up to 17 parameters. The ProDSS features user replaceable digital smart sensors that are automatically recognized by the instrument when connected. A backlit color display, large memory, convenient calibration procedures, rechargeable battery, and powerful PC data management program (KorDSS) make the ProDSS user friendly. The wide range of sensors and varying cable lengths allow for complete customization of the ProDSS. Mil-spec (military spec) connectors and a waterproof (IP-67) rubber over-molded case ensures durability to provide years of sampling even in the harshest field conditions.

**2.1 QUANTITIES**

The quantities stated within are estimated for bidding purposes only. The State may order more or less as is required during the term of the contract.

**2.2 PACKAGING**

All items shipped **must** be properly labeled with weather resistant labeling indicating the brand name, package quantity, lot number (if applicable) and any other necessary identifying information.

**2.3 ORDERING PROCEDURE**

All orders placed against this contract **shall** be in the form of an agency issued purchase order on an as-required basis.

**2.4 QUALITY**

All items provided under the scope of this contract shall conform to the specifications contained herein; shall be of commercial first quality, and are to be manufactured in accordance with current industry standards for workmanship, materials and construction.

**2.5 TRAINING**

Vendor must include in the bid price, two (2) days of on-site application-based training in addition to familiarization of equipment at installation.

**2.6 SERVICE**

Telephone support and on-site field service by factory trained field service technicians must be available should the instrument require service. Telephone support shall be at no cost to the ordering agency.

On-site field service shall be provided within 24 hours of request during working hours or Monday through Friday, 8:00AM to 4:30PM CST, excluding State of Arkansas holidays.

Support Number: \_\_\_\_\_

Hours of Operation: \_\_\_\_\_

**SECTION 3: SPECIFIC REQUIREMENTS****3.0 PRODSS HANDHELD, NO GPS, MULTIPARAMETER SAMPLING INSTRUMENT SPECIFICATION**

Instrument must be new and a model currently in production. **Refurbished or demonstrator instruments will not be considered.**

**Brand name referenced: YSI handheld device with accessories. Items bid must meet or be an approved equal:**

- Item 1: ProDss Handheld no GPS – Item #626870
- Item 2: Meter – 4 port cable assembly, no depth – Item #626909
- Item 3: ProDss Optical dissolved oxygen sensor – Item #626900
- Item 4: ProDss Conductivity/Temperature – Item #626902
- Item 5: ProDss Turbidity – Item #626901
- Item 6: pH Sensor with module – Item #626903

**Item Specifications**

1. The instrument shall be capable of working in fresh, polluted or sea water.
2. The instrument shall connect to a single cable featuring universal sensor connection ports which can accept any 4 ProDSS 'smart', digital sensors. The sensors shall be field and user-replaceable.
3. The instrument cables shall be available in lengths of 1 to 100 meters.
4. The instrument shall measure depth with an optional pressure transducer that allows for virtually vented depth measurements by compensating with the handheld's barometer measurement.
5. The instrument shall connect to YSI optical dissolved oxygen field and YSI optical dissolved oxygen lab probe and cable assemblies.
6. The instrument shall utilize digital sensors that are automatically recognized and enabled on the main display by the instrument upon connection.
7. The instrument's digital 'smart' sensors shall store sensor ID and calibration status even if unplugged from one instrument or cable and connected to another.
8. The instrument shall be capable of measuring Turbidity, Depth, Temperature, Dissolved Oxygen, Oxidation- Reduction Potential (ORP), Conductivity, pH, Ammonium, Nitrate, Chloride, and Barometric Pressure. The instrument shall also have the capability of providing the following calculated measurements: Salinity, Total Dissolved Solids, Resistivity, Specific Conductance, Seawater Density, Total Suspended Solids, and Ammonia.
9. The instrument shall have connectorized field replaceable sensors for Turbidity, Optical Dissolved Oxygen, pH, pH/ORP, Conductivity/temperature, Ammonium, Nitrate, and Chloride sensors.
10. The instrument shall have replacement sensor modules for pH, pH/ORP, Ammonium, Nitrate, and Chloride sensors.
11. The instrument shall have replaceable sensor caps for the optical dissolved oxygen sensors.
12. The instrument shall be powered by a user-replaceable rechargeable lithium-ion battery.
13. The instrument battery shall be capable of being recharged from an AC power adapter directly from a computer USB port or from an external portable USB battery pack.
14. The instrument shall be supplied with a PC software program which shall allow for configuration of the ProDSS handheld, creation of data collection sites, downloading of GLP (calibration) data from the instrument, the ability to view and save live measurement data, and download logged measurement data.
15. The instrument PC software program shall allow for the ability to view sampling sites on a map and automatically download instrument firmware updates if the PC is connected to the internet.
16. The instrument PC software shall allow for logged measurement data to be presented in both tabular and graphical form and data statistics will be automatically generated for Min, Max, Mean and Standard Deviation. The software program shall be capable of exporting data in csv format and be able to print data in tabular format.
17. The instrument shall contain a USB-on-the-go connector for connection to a PC, recharging/powering the Instrument and connection to a USB memory stick.
18. The instrument shall be able to send logged measurement data to a USB memory stick.
19. The instrument shall carry a three (3) year warranty.
20. The cable assembly and 'smart' sensors shall carry a two (2) year warranty.
21. The instrument pH and pH/ORP sensor modules, optical dissolved oxygen sensor caps, and lithium-ion battery shall carry a one (1) year warranty.
22. The instrument ammonium, nitrate, and chloride sensor modules shall carry a six (6) month warranty.
23. The instrument shall be water proof and rated IP-67.

24. The instrument shall have a color, LCD graphic display, and backlit keypad.
25. The instrument shall be capable of storing over 100,000 data sets with date and time stamp and user defined information.
26. The instrument shall be capable of storing 100 user-defined sites and 100 Data IDs for use in 'tagging' data.
27. The instrument shall be rubber over molded for easy grip.
28. The instrument shall have military spec connectors.
29. The instrument 'smart' sensors shall be titanium.
30. The instrument's firmware shall be available in multiple languages including English, Spanish, French, Italian, Norwegian, Portuguese, German, Japanese, and Chinese (Simplified & Traditional).
31. The instrument shall have a help key that opens detailed instructions pertaining to the current screen of the instrument.
32. The instrument shall have an internal barometer with range of 375 to 825 mmHg and an accuracy specification of  $\pm 1.5$  mmHg from 0 to 50°C.
33. The instrument shall be capable of measuring dissolved oxygen with an optical sensor.
34. The dissolved oxygen %saturation accuracy specification for a system (instrument and sensor/cable) shall be  $\pm 1\%$  of the reading or  $\pm 1\%$  air saturation, whichever is greater for the 0-200% measurement range and  $\pm 8\%$  of the reading for the 200-500% measurement range.
35. The dissolved oxygen mg/L accuracy specification for a system (instrument and sensor/cable) shall be  $\pm 1\%$  of the reading or  $\pm 0.1$  mg/L, whichever is greater for the 0-20 mg/L measurement range and  $\pm 8\%$  of the reading for the 20-50 mg/L measurement range.
36. The instrument shall be capable of measuring temperature using a thermistor in the range of -5 to 70°C (-5 to 50°C temperature compensation range for DO mg/L measurement) with an accuracy specification of  $\pm 0.20$ °C for the system (instrument and sensor/cable). The output shall be capable of being displayed in Celsius, Fahrenheit, or Kelvin.
37. The instrument shall be capable of measuring conductivity using a four nickel electrode cell in the range of 0 to 200 mS/cm. The accuracy in the range 0 to 100 mS/cm shall be  $\pm 0.5\%$  of the reading or .001 mS/cm, whichever is greater. The accuracy in the range 100 to 200 mS/cm shall be  $\pm 1.0\%$  of the reading. The output shall be capable of being displayed in mS/cm or uS/cm.
38. The instrument shall be capable of measuring in the range of 0 to 14 pH units with an accuracy of  $\pm 0.2$  pH units for the system (instrument and sensor/cable) and a resolution of 0.01 pH units.
39. The instrument shall be capable of measuring ORP in the range of -1999 to +1999 mV with an accuracy of  $\pm 20$  mV for the system (instrument and sensor/cable) and a resolution of 0.1 mV using a combination pH/ORP electrode or an ORP electrode with its own, integral gel-filled reference.
40. The instrument shall be capable of reporting a salinity calculation based on the conductivity and temperature measurements in the range of 0-70 ppt with a system (instrument and sensor/cable) accuracy of  $\pm 1.0\%$  or  $\pm 0.1$  ppt (whichever is greater) and a resolution of 0.01 ppt. The algorithms used for the calculation should be those found in the Standard Methods for Examination of Water and Wastewater.
41. The instrument shall be capable of reporting a specific conductance calculation based on the conductivity and temperature measurements in the range of 0-200 mS/cm with a system (instrument and sensor/cable) accuracy of  $\pm 0.5\%$  or  $\pm 0.001$  mS/cm (whichever is greater) in the range 0-100 mS/cm, and accuracy of  $\pm 1\%$  of reading in the range 100 to 200 mS/cm. The output shall be capable of being displayed in mS/cm or uS/cm.
42. The instrument shall be capable of reporting a resistivity calculation based on the conductivity and temperature measurements in the range of 0-2 Mohms with a system (instrument and sensor/cable) accuracy of  $\pm 0.1\%$ . The output shall be capable of being displayed in ohm-cm, kohm-cm, or Mohm-cm.
43. The instrument shall be capable of reporting a seawater density calculation based on the salinity, temperature, and depth (sigma only) measurements in the range of 0-50 sigma and sigma-T with a resolution of 0.1 sigma or sigma-T.
44. The instrument shall have the capability of being supplied with an ISE sensor capable of measuring Nitrate in fresh water in the range of 0-200 mg/L with a system (instrument and sensor/cable) accuracy of  $\pm 10\%$  of the reading or  $\pm 2$  mg/L, (whichever is greater) and a resolution of 0.01 mg/L. The sensor shall have its own, integral gel-filled reference.
45. The instrument shall have the capability of being supplied with an ISE sensor capable of measuring Ammonium in fresh water the range of 0-200 mg/L with a system (instrument and sensor/cable) accuracy of  $\pm 10\%$  of the reading or  $\pm 2$  mg/L, (whichever is greater) and a resolution of 0.01 mg/L.
46. The instrument software shall be capable of calculating the Ammonia concentration from the

ammonium, pH, and temperature readings. The sensor shall have its own, integral gel-filled reference.

48. The instrument shall have the capability of being supplied with an ISE sensor capable of measuring Chloride in the range of 0-18,000 mg/L with a system (instrument and sensor/cable) accuracy of +/- 15% of the reading or +/- 5 mg/L, (whichever is greater) and a resolution of 0.01 mg/L. The sensor shall have its own, integral gel-filled reference.
49. The instrument shall have the capability of being supplied with a depth sensor capable of measuring depth in the range of 0-100 meters. Accuracy of the depth sensor shall be +/- 0.004 m for 1, 4, and 10m cables and +/- 0.04 m for cables 20 m and longer. Resolution shall be 0.001 m. The output shall be capable of being displayed in meters or feet.
50. The instrument shall be capable of measuring turbidity in the range of 0 to 4000 FNU with an accuracy of 0.3 FNU or +/- 2% of reading (whichever is greater) in the range 0 to 999 FNU, and an accuracy of +/- 5% of reading in the range of 1000 to 4000 FNU. The output shall be capable of being displayed in FNU or NTU.
51. The instrument shall be capable of reporting a total suspended solids calculation based on user correlated turbidity field measurements and lab TSS measurements from grab samples in the range of 0-30,000 mg/L.
52. The size of the instrument shall be 8.3 em width x 21.6 em length x 5.6 em depth.
53. The instrument shall weigh 567 grams with battery.
54. The instrument shall be capable of performing a 1 or 2 point dissolved oxygen calibration and be capable of calibrating in DO%, mg/L DO, and in a zero DO solution.
55. The instrument shall be capable of performing a 1 to 3 point pH, turbidity, ammonium, nitrate, or chloride calibration.
56. The instrument shall be capable of saving data in either single point or continuous logging modes.
57. The instrument shall store calibration information in a GLP file for later review. The GLP file shall contain the date and time of calibration, the sensor ID, the sensor values, and whether or not the calibration was successful.
58. The instrument shall be capable of storing up to 400 GLP records.
59. The instrument shall be capable of password protecting the calibration.
60. The instrument's firmware shall be upgradeable by the end user.
61. The instrument shall have an operating temperature range of 0 to 50 oc and a storage temperature range of 0 to 45 oc with the battery installed, and storage temperature range of 0 to 60 oc without the battery installed.
62. The instrument shall have at least 45 hours of battery life (instrument only with backlight off).
63. The instrument display shall be capable of graphically displaying live measurement data and live calibration measurements. Previously saved data shall also be viewed in tabular or graphical format on the instrument display.

### 3.1 SOFTWARE

**Brand name referenced: YSI Software. Software bid must meet or be an approved equal:  
Software bid must meet the specifications regarding updates, support and revisions as shown below:**

Bid price shall include provision for all software updates, support, and revisions for a period of one (1) year from date from acceptance. All system software must be the current market version and have been in commercial use for a minimum of six (6) months prior to date of bid.

1. Data management software (KorDSS) specifically built for use with the ProDSS must be included with the handheld.
2. The user must be able to easily configure the ProDSS handheld with KorDSS.
3. The user must be able to create sites for data collection with KorDSS.
4. The user must be able to download/view GLP (calibration) data from the instrument with KorDSS
5. The user must be able to view/save live data, and download logged measurement data collected from the field with KorDSS.
6. In addition, KorDSS can be used to update the ProDSS instrument and sensor firmware, thus ensuring optimum performance in the field.

**3.2 WARRANTY**

Warranty for all above items shall be from the date of acceptance for a period of time equal to or greater than the standard warranty. Warranty shall cover defects in material and workmanship and shall cover all costs associated with the repair or replacement of defective items including labor, parts, transportation costs, travel time and expense, and any other costs associated with such repair or replacement.

All units offered shall include one (1) set of service manuals, parts list, and operating manuals.

If anytime during the first (1) year warranty period the instrument does not perform in accordance to manufacturer's specification, the successful vendor will be notified in writing. The vendor shall pick up the equipment at the vendor's expense, and replace with equipment that meets or exceeds prior assembled equipment. Should re-placed equipment performance remain unacceptable to agency, agency may request a full return of the purchase price (including taxes).

1. The instrument should carry a three (3) year warranty.
2. The cable assembly and "smart" sensors should carry a two (2) year warranty.
3. The instrument pH and pH/ORP sensor modules, optical dissolved oxygen sensor caps, and lithium ion battery should carry a one (1) year warranty.
4. The instrument ammonium, nitrate, and chloride sensor modules should carry a six (6) month warranty.

**OFFICIAL BID PRICE SHEET**

Bid the unit price. Limit your unit price to no more than two decimal places. Bids stated otherwise will be rounded off to the nearest cent.

The unit price bid must cover all of the materials and operations necessary for the production, warranty, installation, and accessory item's as specified in this Invitation for Bid.

<b>Item</b>	<b>Description</b>	<b>Quantity</b>	<b>Cost per (1) Each</b>
1.	ProDSS Handheld, No GPS	12	
	Brand Bid: _____		\$ _____
	Item Number _____		
2.	Meter (4) Port Cable Assembly, No depth	12	
	Brand Bid: _____		\$ _____
	Item Number: _____		
3.	ProDss Optical Dissolved Oxygen Sensor	12	
	Brand Bid: _____		\$ _____
	Item Number: _____		
4.	ProDss Conductivity/Temperature	12	
	Brand Bid: _____		\$ _____
	Item Number: _____		
5.	ProDss Turbidity	12	
	Brand Bid: _____		\$ _____
	Item Number: _____		
6.	pH Sensor with Module	12	
	Brand Bid: _____		\$ _____
	Item Number: _____		
<b>GRAND TOTAL (All line items – per (1) each)</b>			<b>\$ _____</b>

**STANDARD TERMS AND CONDITIONS**

1. **GENERAL:** Any special terms and conditions included in the invitation for bid override these standard terms and conditions. The standard terms and conditions and any special terms and conditions become part of any contract entered into if any or all parts of the bid are accepted by the State of Arkansas.
2. **ACCEPTANCE AND REJECTION:** The state reserves the right to accept or reject all or any part of a bid or any and all bids, to waive minor technicalities, and to award the bid to best serve the interest of the state.
3. **BID SUBMISSION:** Bids must be submitted to the Office of State Procurement on this form, with attachments when appropriate, on or before the date and time specified for bid opening. If this form is not used, the bid may be rejected. The bid must be typed or printed in ink. The signature must be in ink. Unsigned bids will be disqualified. The person signing the bid should show title or authority to bind his firm in a contract. Each bid should be placed in a separate envelope completely and properly identified. Late bids will not be considered under any circumstances.
4. **PRICES:** Bid unit price F.O.B. destination. In case of errors in extension, unit prices shall govern. Prices are firm and not subject to escalation unless otherwise specified in the bid invitation. Unless otherwise specified, the bid must be firm for acceptance for thirty days from the bid opening date. "Discount from list" bids are not acceptable unless requested in the bid invitation.
5. **QUANTITIES:** Quantities stated in **term contracts** are estimates only, and are not guaranteed. Bid unit price on the estimated quantity and unit of measure specified. The state may order more or less than the estimated quantity on term contracts. Quantities stated on **firm contracts** are actual requirements of the ordering agency.
6. **BRAND NAME REFERENCES:** Any catalog brand name or manufacturer's reference used in the bid invitation is descriptive only, not restrictive, and used to indicate the type and quality desired. Bids on brands of like nature and quality will be considered. If bidding on other than referenced specifications, the bid must show the manufacturer, brand or trade name, and other descriptions, and should include the manufacturer's illustrations and complete descriptions of the product offered. The state reserves the right to determine whether a substitute offered is equivalent to and meets the standards of the item specified, and the state may require the bidder to supply additional descriptive material. The bidder guarantees that the product offered will meet or exceed specifications identified in this bid invitation. If the bidder takes no exception to specifications or reference data in this bid he will be required to furnish the product according to brand names, numbers, etc., as specified in the invitation.
7. **GUARANTY:** All items bid shall be newly manufactured, in first-class condition, latest model and design, including, where applicable, containers suitable for shipment and storage, unless otherwise indicated in the bid invitation. The bidder hereby guarantees that everything furnished hereunder will be free from defects in design, workmanship and material, that if sold by drawing, sample or specification, it will conform thereto and will serve the function for which it was furnished. The bidder further guarantees that if the items furnished hereunder are to be installed by the bidder, such items will function properly when installed. The bidder also guarantees that all applicable laws have been complied with relating to construction, packaging, labeling and registration. The bidder's obligations under this paragraph shall survive for a period of one year from the date of delivery, unless otherwise specified herein.
8. **SAMPLES:** Samples or demonstrators, when requested, must be furnished free of expense to the state. Each sample should be marked with the bidder's name and address, bid number and item number. If samples are not destroyed during reasonable examination they will be returned at bidder's expense, if requested, within ten days following the opening of bids. All demonstrators will be returned after reasonable examination.
9. **TESTING PROCEDURES FOR SPECIFICATIONS COMPLIANCE:** Tests may be performed on samples or demonstrators submitted with the bid or on samples taken from the regular shipment. In the event products tested fail to meet or exceed all conditions and requirements of the specifications, the cost of the sample used and the reasonable cost of the testing shall be borne by the bidder.
10. **AMENDMENTS:** The bid cannot be altered or amended after the bid opening except as permitted by regulation.
11. **TAXES AND TRADE DISCOUNTS:** Do not include state or local sales taxes in the bid price. Trade discounts should be deducted from the unit price and the net price should be shown in the bid.
12. **AWARD: Term Contract:** A contract award will be issued to the successful bidder. It results in a binding obligation without further action by either party. This award does not authorize shipment. Shipment is authorized by the receipt of a purchase order from the ordering agency. **Firm Contract:** A written state purchase order authorizing shipment will be furnished to the successful bidder.

- 13. LENGTH OF CONTRACT:** The invitation for bid will show the period of time the term contract will be in effect.
- 14. DELIVERY ON FIRM CONTRACTS:** The invitation for bid will show the number of days to place a commodity in the ordering agency's designated location under normal conditions. If the bidder cannot meet the stated delivery, alternate delivery schedules may become a factor in an award. The Office of State Procurement has the right to extend delivery if reasons appear valid. If the date is not acceptable, the agency may buy elsewhere and any additional cost will be borne by the vendor.
- 15. DELIVERY REQUIREMENTS:** No substitutions or cancellations are permitted without written approval of the Office of State Procurement. Delivery shall be made during agency work hours only 8:00 a.m. to 4:30 p.m., unless prior approval for other delivery has been obtained from the agency. Packing memoranda shall be enclosed with each shipment.
- 16. STORAGE:** The ordering agency is responsible for storage if the contractor delivers within the time required and the agency cannot accept delivery.
- 17. DEFAULT:** All commodities furnished will be subject to inspection and acceptance of the ordering agency after delivery. Back orders, default in promised delivery, or failure to meet specifications authorize the Office of State Procurement to cancel this contract or any portion of it and reasonably purchase commodities elsewhere and charge full increase, if any, in cost and handling to the defaulting contractor. The contractor must give written notice to the Office of State Procurement and ordering agency of the reason and the expected delivery date. Consistent failure to meet delivery without a valid reason may cause removal from the bidders list or suspension of eligibility for award.
- 18. VARIATION IN QUANTITY:** The state assumes no liability for commodities produced, processed or shipped in excess of the amount specified on the agency's purchase order.
- 19. INVOICING:** The contractor shall be paid upon the completion of all of the following: (1) submission of an original and the specified number of copies of a properly itemized invoice showing the bid and purchase order numbers, where itemized in the invitation for bid, (2) delivery and acceptance of the commodities and (3) proper and legal processing of the invoice by all necessary state agencies. Invoices must be sent to the "Invoice To" point shown on the purchase order.
- 20. STATE PROPERTY:** Any specifications, drawings, technical information, dies, cuts, negatives, positives, data or any other commodity furnished to the contractor hereunder or in contemplation hereof or developed by the contractor for use hereunder shall remain property of the state, be kept confidential, be used only as expressly authorized and returned at the contractor's expense to the F.O.B. point properly identifying what is being returned.
- 21. PATENTS OR COPYRIGHTS:** The contractor agrees to indemnify and hold the State harmless from all claims, damages and costs including attorneys' fees, arising from infringement of patents or copyrights.
- 22. ASSIGNMENT:** Any contract entered into pursuant to this invitation for bid is not assignable nor the duties thereunder delegable by either party without the written consent of the other party of the contract.
- 23. OTHER REMEDIES:** In addition to the remedies outlined herein, the contractor and the state have the right to pursue any other remedy permitted by law or in equity.
- 24. LACK OF FUNDS:** The state may cancel this contract to the extent funds are no longer legally available for expenditures under this contract. Any delivered but unpaid for goods will be returned in normal condition to the contractor by the state. If the state is unable to return the commodities in normal condition and there are no funds legally available to pay for the goods, the contractor may file a claim with the Arkansas Claims Commission. If the contractor has provided services and there are no longer funds legally available to pay for the services, the contractor may file a claim.
- 25. DISCRIMINATION:** In order to comply with the provision of Act 954 of 1977, relating to unfair employment practices, the bidder agrees that: (a) the bidder will not discriminate against any employee or applicant for employment because of race, sex, color, age, religion, handicap, or national origin; (b) in all solicitations or advertisements for employees, the bidder will state that all qualified applicants will receive consideration without regard to race, color, sex, age, religion, handicap, or national origin; (c) the bidder will furnish such relevant information and reports as requested by the Human Resources Commission for the purpose of determining compliance with the statute; (d) failure of the bidder to comply with the statute, the rules and regulations promulgated thereunder and this nondiscrimination clause shall be deemed a breach of contract and it may be cancelled, terminated or suspended in whole or in part; (e) the bidder will include the provisions of items (a) through (d) in every subcontract so that such provisions will be binding upon such subcontractor or vendor.
- 26. CONTINGENT FEE:** The bidder guarantees that he has not retained a person to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except for retention of bona fide employees or



bona fide established commercial selling agencies maintained by the bidder for the purpose of securing business.

- 27. ANTITRUST ASSIGNMENT:** As part of the consideration for entering into any contract pursuant to this invitation for bid, the bidder named on the front of this invitation for bid, acting herein by the authorized individual or its duly authorized agent, hereby assigns, sells and transfers to the State of Arkansas all rights, title and interest in and to all causes of action it may have under the antitrust laws of the United States or this state for price fixing, which causes of action have accrued prior to the date of this assignment and which relate solely to the particular goods or services purchased or produced by this State pursuant to this contract.
- 28. DISCLOSURE:** Failure to make any disclosure required by Governor's Executive Order 98-04, or any violation of any rule, regulation, or policy adopted pursuant to that order, shall be a material breach of the terms of this contract. Any contractor, whether an individual or entity, who fails to make the required disclosure or who violates any rule, regulation, or policy shall be subject to all legal remedies available to the agency.