

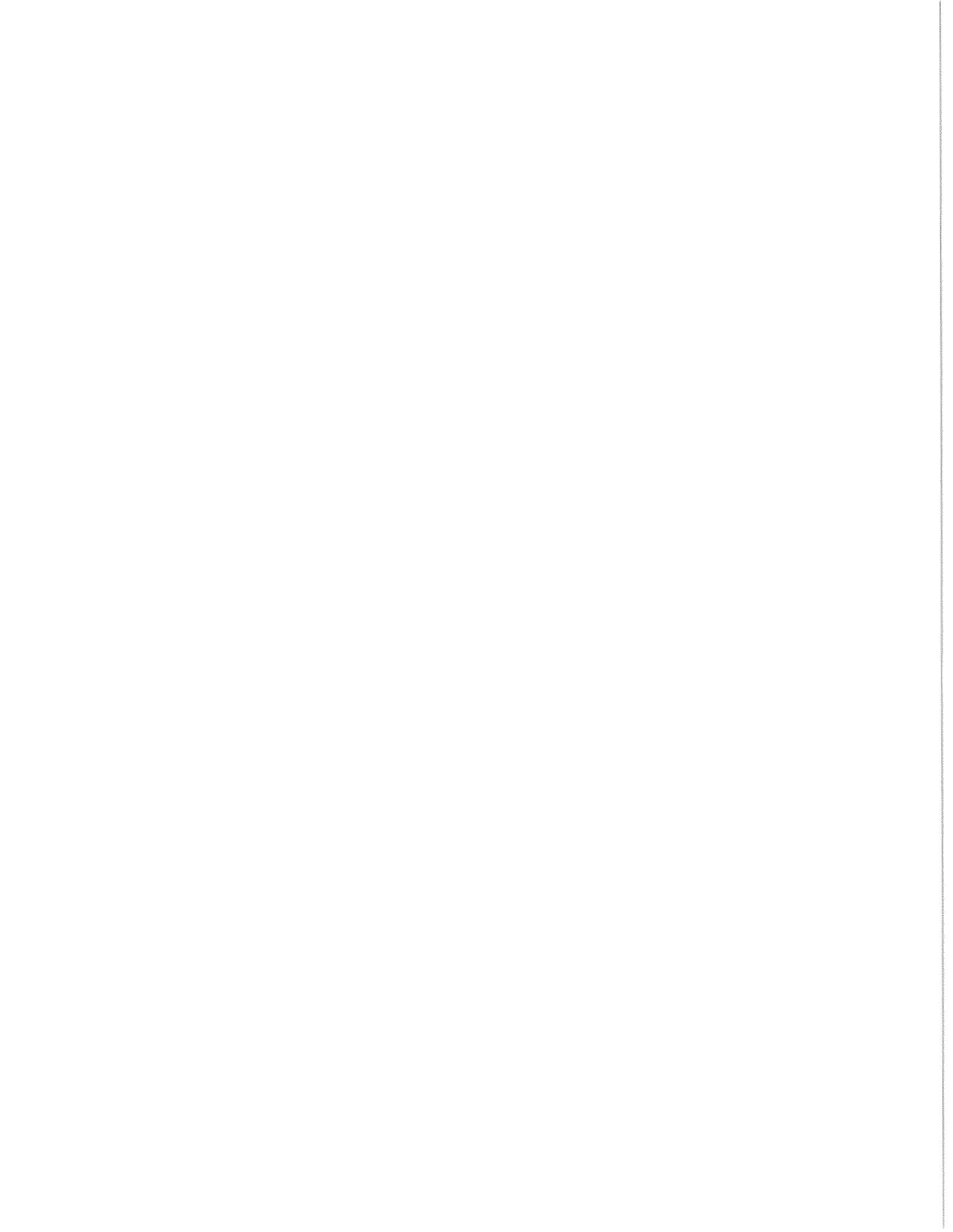


**CENTRALBIDDING**  
FROM CENTRAL AUCTION HOUSE

**5000128157- PURCHASE OF STRONG PLUG FOR THE DRAINAGE  
DEPARTMENT**  
Jefferson Parish Government

Project documents obtained from [www.CentralBidding.com](http://www.CentralBidding.com)

17-Sep-2019 05:35:54 PM





**Bid Number 50-128157**

**Purchase of Strong Plug for the Drainage Department**

**September 23, 2019 at 11:00 am**

**ATTENTION VENDORS!!!**

**Please review all pages and respond accordingly, complying with all provisions in the technical specifications and / Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received in the Purchasing Department by the bid due date and time.**

**Jefferson Parish Purchasing Department  
200 Derbigny Street  
General Government Building, Suite 4400  
Gretna, LA 70053  
Buyer Name: Rae Lynn Scott  
Buyer Email: [rscott@jeffparish.net](mailto:rscott@jeffparish.net)  
Buyer Phone: 504-364-2688**

DATE: 9/17/2019

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00128157

**JEFFERSON PARISH**  
PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-384-2878

VENDOR: 27118 BLANK BID COPY VENDOR

BUYER: RSCOTT@jeffparish.net

Bids will be received until 11:00 AM, 9/23/2019 via online at [www.jeffparishbids.net](http://www.jeffparishbids.net) or by hand delivery, USPS mail or other courier service to Purchasing Department, 200 Derbigny Street (General Government Building), Suite 4400, Gretna, LA 70053. For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only.

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law, as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647. A copy of these resolutions may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at [purchasing.jeffparish.net](http://purchasing.jeffparish.net) and clicking on On-line forms.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Delivered, anywhere within the Parish as designated by the Purchasing Department. **JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR.** Items bid must meet specifications. JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated fine item pricing forms as indicated. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit prices shall prevail.

JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the **LOWEST RESPONSIVE and RESPONSIBLE BIDDER**, taking into consideration the **CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE**.

**PROTESTS:** Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in the quotation. The order must not be filled in a higher amount than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year warranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum.

All formal Addenda require written acknowledgment on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected; JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

**USE OF BRAND NAMES AND STOCK NUMBERS:** Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (f)(3) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended in accordance with the American National Standard Institute's specifications (ANSI A117.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBEs, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

## IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at [www.jeffparishbids.net](http://www.jeffparishbids.net) to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

## ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

13

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(f), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. **PUBLIC WORKS BIDS:** All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. **NON-PUBLIC WORKS BIDS:** A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. **NON-PUBLIC WORKS BIDS:** A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Prior to contract executions/purchase order issuance, the successful bidder will be required to provide final insurance certificates which shall name Jefferson Parish as an additional insured in accordance with the instructions in the aforementioned "Standard Insurance Requirements" sheet.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies). If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as-needed basis. JEFFERSON PARISH makes no representations or warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If it quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quotes FOB DELIVERED or if freight charges are not indicated on bid form.
14. **PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required;** This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. **NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required** in conformity with the provisions contained in LSA - RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.

**It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish; and the duty of every applicant for certification of eligibility for a parish contract or program; to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.**

DATE: 9/17/2019

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 4

BID NO.: 50-00128157

**JEFFERSON PARISH**

PURCHASING DEPARTMENT  
P.O. BOX 0  
ORSTON, LA. 70054-0009  
504-384-1373

VENDOR: 27118 BLANK BID COPY VENDOR

BUYER: RSCOTT

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

<b>DELIVERY: FOB JEFFERSON PARISH</b>	
INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES	<u>1-2 weeks</u>
INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK	_____
INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK	_____

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: \_\_\_\_\_  
 NUMBER: \_\_\_\_\_  
 NUMBER: \_\_\_\_\_  
 NUMBER: \_\_\_\_\_

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) \_\_\_\_\_

<b>*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***</b>	
FIRM NAME: Coburns Supply	
SIGNATURE: (Must be signed here) <i>Mark Tate</i>	TITLE: Outside Sales Rep
PRINT OR TYPE NAME: Mark Tate	
ADDRESS: 1849 Commercial Drive <i>1849 Commercial Drive</i>	
CITY, STATE: Harvey LA	ZIP: 70058
TELEPHONE: (225) 202-7808	FAK: (504) 348-1095
EMAIL ADDRESS: mtate@coburns.com <i>MTate@Coburns.Com</i>	

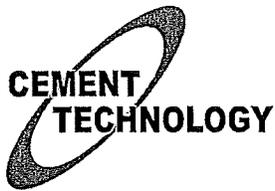
TOTAL PRICE OF ALL BID ITEMS: \$ 1020.<sup>60</sup>

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00128157

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	42.00	PL	<p>PURCHASE OF STRONG PLUG FOR THE DRAINAGE DEPARTMENT</p> <p>0010 - STRONG PLUG 1 MIN CURE TIME, LEAK STOP IN A 50LB PAIL TO REPAIR MANHOLES AND CATCH BASINS, "STRONG PLUG" 42 PER PALLET</p> <p>SK#00-0482278 MCI#-1660800</p> <p>DELIVER TO: EASTBANK DRAINAGE WAREHOUSE 4901 JEFFERSON HWY JEFFERSON LA 70111</p> <p>CONTACT: CURTIS MCFARLANE 504-731-1548</p>	24.30	1020.60



*Cement Technology*  
 a division of *Masonry Supply, Inc.*  
 156 Piper Road  
 Covington, Georgia 30015  
 tel. 770-784-1424  
 fax. 770-784-0909

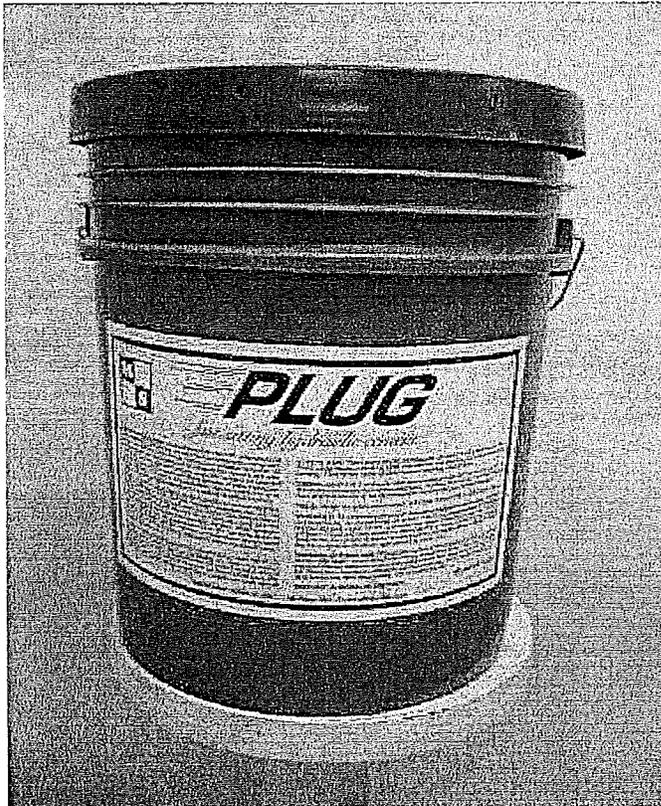


*MS-Brand  
 Products*



## Plug

[ [Home](#) ] [ [Up](#) ] [ [MSDS Sheets](#) ] [ [Custom Products](#) ]



MS-Plug is a cement-based hydraulic cement that is fast setting. It is used to instantly stop running water or seepage leaks in concrete or masonry. When mixed with clean potable water, STANDARD MIX sets in 3 to 5 minutes; HOT MIX in 45 to 90 seconds. Actual setting time depends on the temperatures of the dry powder, mixing water, and the structure to be patched. Cold temperatures will retard the setting time. Hot temperatures will accelerate it. Mixing water should be around 21 degrees Celsius. MS-Plug expands as it sets.

### Uses

MS-Plug is used above or below grade, interior or exterior, to stop water seepage and flowing water in concrete and masonry. MS-Plug is an ideal patching material for manholes, sewers, concrete pipe, wells, retaining walls,

water treatment plants, tunnels and basements.

### Composition/Materials

MS-Plug is a blend of Portland cement, fine aggregates, and other ingredients modified to control initial and final set times.

### Surface Preparation

All surfaces must be clean and free of dirt, dust, paint, and sealers that will inhibit the patching material from bonding. Dampen areas to be patched before applying MS-Plug. DO NOT retemper. MS-Plug is recommended for use when the temperature is 40

degrees F and falling.

### Mixing Instructions

Pour water into a mixing container (1 pint of water will mix approximately 8 lbs of powder). Add the dry powder, mixing rapidly with a trowel to a stiff, no slump consistency. Mix no more than 30 seconds. Do not add aggregate or additives to the mix.

### Application Techniques

Dampen surface to be patched with water prior to application of Ms-Plug. Form the patch in the shape of a cone and force it into the cracks or holes where water is seeping. Keep pressure on the patch until it achieves its initial set. MS-Plug may be shaved to conform to surrounding surfaces.

### Coverage

One pound will fill 17 cubic inches or a crack 3/4" x 3/4"x 30".

### Technical Data

PROPERTIES	TEST METHOD	RESULTS
Compressive Strength	ASTM-C-109	1 day 3500 psi
		7 days 4900 psi
		28 days - 5500 psi
Tensile Strength	ASTM C-190	1 day 200 psi
		7 days 250 psi
		28 days 450 psi
Volume Change		None
Set time @ 77 F	Standard Mix	3 to 5 minutes
	Hot Mix	45 to 90 seconds

### Environmental & Safety Precautions

MS-Plug contains Portland cement and is alkaline on contact with water. Wear rubber gloves. It is irritating to eyes and skin. In case of eye contact, flush eyes with water repeatedly and call a physician immediately. DO NOT Rub eyes. Keep out of reach of children. Consult Material Safety Data Sheet for more information.

### Packaging

MS-Plug is available in 10 lb cans (4 per case) or 50 lb pails (36 per pallet).

### Storage

MS-Plug is stored on pallets protected from moisture.

### **Shelf Life**

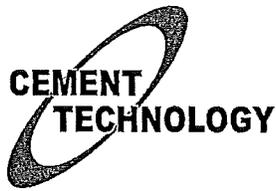
Shelf life of MS-Plug is one year in proper storage.

### **Warranty**

This product conforms to current applicable specifications and is manufactured to meet published physical properties when properly cured and tested according to ASTM standards. Since seller has no control over the conditions of use or storage of the product sold, seller can not guarantee the results obtained through the use of its products. The buyer shall determine the suitability of the product for its own purpose. Seller shall in no event be liable for consequential (including loss of profits) or punitive damages. Seller's liability hereunder, if any, shall be limited to replacement of goods sold. This warranty is in lieu of any and all other warranties, expressed or implied.

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Send mail to [masupply@mindspring.com](mailto:masupply@mindspring.com) regarding this web site.  
Last modified: July 17, 2001



Cement Technology  
a division of Masonry Supply, Inc.  
156 Piper Road  
Covington, Georgia 30015  
tel. 770-784-1424  
fax. 770-784-0909



MS-Brand  
Products



# MSDS Plug

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## MATERIAL SAFETY DATA SHEET

### MS-PLUG

#### SECTION I

Manufacturer: Masonry Supply, Inc.

Address: 156 Piper Rd.

P.O. Box 2308

Covington, Ga. 300157308

Telephone Number: 7707841424

FAX Number: 7707840909

#### SECTION II

N.F.P.A. and H.M.I.S. Rating

HAZARD INDEX:

Health Flammability Reactivity Special

4= Severe 1

3=Serious

2=Moderate

1=Slight

0=Minimal

#### SECTION III

HAZARDOUS COMPONENTS % OSHA PEL ACGIV TLV OTHER

Mineral fillers 1020 5 mg/m<sup>3</sup> 15 mg/m<sup>3</sup>

Free SiO<sub>2</sub> 2 10 mg/m<sup>3</sup> 5 mg/m<sup>3</sup>

None of the components of the mixture are considered hazardous material or carcinogens (1910.1200 Hazard Communication (d) (4)).

*TRANSPORTATION INFORMATION: NA*

#### **SECTION IV**

##### *PHYSICAL CHEMICAL CHARACTERISTICS*

Boiling Point: Not known to boil

Vapor Pressure (mm Hg): NA

Vapor Density (Air = 1): NA

Solubility: Negligible

Appearance: Powder

Specific Gravity (H<sub>2</sub>O = 1): 2.2

Melting Point: NA

Evaporation (Butyl Acetate = 1): NA

#### **SECTION V**

##### *FIRE AND EXPLOSION HAZARD DATA*

Flash Point: NA

Flammable Limits: NA

Extinguishing Media: NA

Special Fire Fighting Procedures: NA

Unusual Fire and Explosion Hazards: NA

#### **SECTION VI**

##### *REACTIVITY DATA*

Stability: Stable

Conditions to Avoid: None

Incompatibility (Materials to Avoid): None

Hazardous Decomposition (Byproducts): None

Hazardous Polymerization: Will not occur

## SECTION VII

### HEALTH HAZARD DATA

Inhalation Skin Ingestion

Routes of Entry: Yes No No

Health Hazards (Acute and Chronic)

Skin Contact: NA

Eye Contact: NA

Inhalation: Repeated inhalation of respirable dust for extended periods of time may cause injury to lungs.

Ingestion: NA

Carcinogenicity: NA. Not listed in NTP, IARC, OSHA.

Signs and Symptoms of Exposure: Repeated inhalation of respirable dust for extended periods of time may cause injury to the lungs (silicosis).

Emergency First Aid Procedures:

Skin: Wash thoroughly with soap and water.

Eyes: Flush with water for 15 minutes. Call a physician.

Inhalation: NA

Ingestion: NA

## SECTION VIII

### PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Avoid excessive dusting.

Waste Disposal Method: Preferred procedure is to vacuum material. Otherwise, spray with water and clean up with broom and shovel. Dispose of in accordance with local, state, and Federal regulations.

Precautions to be taken in handling and storing: Avoid dusty conditions.

Other Precautions: Avoid prolonged contact with wet or moist Portland cement. Skin areas that have been in contact with wet or moist Portland cement should be washed thoroughly with soap and water.

## SECTION IX

### CONTROL MEASURES

Respiratory Protection: NIOSH approved respiratory protection for dusty environment.

Ventilation: Observe EPA standards.

Protective Gloves: For sensitive skin.

Eye Protection: Safety goggles or face shield to protect against accidental splashes.

Other Protective clothing or equipment: Safety showers and eye wash stations should be available.

Work/Hygienic Practices: Wash thoroughly with soap and water before eating, smoking, or using washroom. Remove and wash contaminated clothing before reuse.

**January 3, 2000**

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Send mail to [masupply@mindspring.com](mailto:masupply@mindspring.com) regarding this web site.  
Last modified: June 04, 2001