

ADVERTISEMENT FOR BIDS
COBB COUNTY PURCHASING DEPARTMENT

BID OPENING DATE: JULY 23, 2009

Cobb County will receive Sealed Bids before 12:00 NOON, July 23, 2009 in the Cobb County Purchasing Department, 1772 County Services Parkway, Marietta, GA 30008 for:

**SEALED BID # 09 – 5418
POLYMER AND POLYMER FEED EQUIPMENT
FOR COBB COUNTY WATER RECLAMATION FACILITIES
COBB COUNTY WATER SYSTEM**

PRE-BID/PROPOSAL MEETING: JUNE 10, 2009 @ 10:00 A.M.
COBB COUNTY PURCHASING DEPARTMENT
1772 COUNTY SERVICES PARKWAY
MARIETTA, GA 30008

No bids will be accepted after the 12:00 noon deadline.

Bids are opened at 2:00 p.m. at Cobb County Purchasing Department, 1772 County Services Parkway, 2nd Floor, Bid/Meeting Room, Marietta, GA 30008. Bids received after the date and time indicated will not be considered.

No bid may be withdrawn for a period of sixty (60) days after date of bid opening, unless otherwise specified in the bid documents. Cobb County will consider the competency and responsibility of bidders in making the award. Cobb County reserves the right to reject any and all bids, to waive informalities and technicalities, to reject portions of the bids, and to award contracts in a manner consistent with the County and the laws governing the State of Georgia.

This solicitation and any addenda are available for download in PDF format on the Cobb County purchasing website. www.purchasing.cobbcountyga.gov

To request a copy of the proposal documents, **FAX** the following information to the Purchasing Department @ 770-528-1154 or **e-mail** requests to purchasing@cobbcounty.org:

Company name, contact name, company address, phone number and fax number.

Please reference the proposal number and the title of the proposal in the request.

Advertise: MAY 29, 2009
 JUNE 5, 12, 19, 26, 2009
 JULY 3, 10, 17, 2009



SUBMIT BID/PROPOSAL TO:
COBB COUNTY PURCHASING DEPARTMENT
1772 COUNTY SERVICES PARKWAY
MARIETTA, GA 30008-4012

BID/PROJECT NUMBER: 09-5418
ANNUAL CONTRACT
POLYMER AND POLYMER FEED EQUIPMENT
COBB COUNTY WATER SYSTEM

DELIVERY DEADLINE: JULY 23, 2009 BEFORE 12:00 (NOON) EST
(NO BIDS/PROPOSALS WILL BE ACCEPTED AFTER THIS DEADLINE).

BID OPENING DATE: JULY 23, 2009 @ 2:00 P.M. IN THE PURCHASING DEPARTMENT BID ROOM.

BUSINESS NAME AND ADDRESS INFORMATION:

COMPANY NAME: _____

CONTACT NAME: _____

COMPANY ADDRESS: _____

E-MAIL ADDRESS: _____

PHONE NUMBER: _____

FAX NUMBER: _____

NAME AND OFFICIAL TITLE OF OFFICER GUARANTEEING THIS QUOTATION:

(PLEASE PRINT/TYPE) NAME TITLE

SIGNATURE OF OFFICER ABOVE: _____
(SIGNATURE)

TELEPHONE: _____ FAX: _____

BIDDER WILL INDICATE TIME PAYMENT DISCOUNT: _____

BIDDER SHALL INDICATE MAXIMUM DELIVERY DATE: _____

BIDS RECEIVED AFTER THE DATE AND TIME INDICATED WILL NOT BE CONSIDERED. COBB COUNTY RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS, TO WAIVE INFORMALITIES, TO REJECT PORTIONS OF THE BID, TO WAIVE TECHNICALITIES AND TO AWARD CONTRACTS IN A MANNER CONSISTENT WITH THE COUNTY AND THE LAWS GOVERNING THE STATE OF GEORGIA.

THE ENCLOSED (OR ATTACHED) BID IS IN RESPONSE TO INVITATION NUMBER 09-5418; IS A FIRM OFFER, AS DEFINED BY SECTION O.C.G.A. (S) 11-2-205 OF THE CODE OF GEORGIA (GEORGIA LAWS 1962 PAGES 156-178), BY THE UNDERSIGNED BIDDER. THIS OFFER SHALL REMAIN OPEN FOR ACCEPTANCE FOR A PERIOD OF 60 DAYS CALENDAR DAYS FROM THE BID OPENING DATE, AS SET FORTH IN THIS INVITATION TO BID UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS.

NOTICE TO BIDDERS - - BID QUOTES MUST INCLUDE INSIDE DELIVERY CHARGES

Advertise Dates: MAY 29, 2009
JUNE 5, 12, 19, 26, 2009
JULY 3, 10, 17, 2009

BIDDING INSTRUCTIONS – TERMS AND CONDITIONS

1. PREPARATION OF BID:

- (A) Bidders are expected to examine the drawings, specifications, schedules, and all instructions. Failure to do so will be at the bidder's risk.
- (B) Each bidder shall furnish the information required by the bid form. The bidder shall sign and print or type his/her name where designated. The person signing the bid must initial erasures or other changes.
- (C) Unit price for each quotation shall be shown and such price shall include packing unless otherwise specified, along with a total and grand total where applicable. In case of discrepancy between a unit price and extended price, the unit price will be presumed correct.
- (D) Where not otherwise specified, bidders must definitely state DATE OF DELIVERY.

2. EXPLANATION TO BIDDERS:

Any explanation desired by a bidder regarding the meaning or interpretation of Invitation to Bids, Request for Proposals or Qualifications, drawings, specifications, etc., must be in writing. All questions must be received within seven (7) business days prior to the bid opening date for a response to be generated by the County to all bidders in the form of an addendum. If any statement in the bidding documents, specifications, etc., appears ambiguous to the bidder, the bidder is specifically instructed to make a written request to the Purchasing Department, unless otherwise outlined in the specifications. Any information given to a prospective bidder concerning an Invitation for Bid will be furnished to all prospective bidders, as an addendum to the invitation, if such information is necessary to bidders in submitting bids on the invitation or if the lack of such information would be prejudicial to uninformed bidders. Receipt of the addendum by a bidder must be acknowledged on the bid or by letter received before the date and time specified for the bid opening. **ORAL EXPLANATION OR INSTRUCTIONS GIVEN BEFORE THE AWARD OF THE CONTRACT WILL NOT BE BINDING.**

3. SUBMISSION OF BIDS: FACSIMILE BIDS WILL NOT BE CONSIDERED.

- (A) Any Bid Package and modifications thereof shall be enclosed in a sealed envelope, addressed to the office specified in the Invitation to Bid, with the name and address of the bidder, the date and hour of bid opening, and name of bid. A bid reply label will be included in most bid packages stating the above referenced information. Any bid package NOT having bid information on outside of package could be opened as regular mail, and bid could be disqualified.
- (B) Samples of items, when required, must be submitted within the time specified, unless otherwise specified by the County, and at no expense to the County
- (C) An item offered must at least meet specifications called for and must be of quality which will adequately service the purpose and use for which it was intended.
- (D) Full identification of each item bid upon, including brand name, make, model, and catalog number, must be furnished according to the bid specifications if requested to identify exactly what the bidder is proposing. Supporting literature may be furnished to further substantiate the proposal.
- (E) The bidder represents that the article(s) to be furnished under this Invitation to Bid is (are) new and that the quality has not deteriorated so as to impair its usefulness.
- (F) Bids cannot be withdrawn or corrected after the bid opening (except reductions or changes by the successful bidder which would be beneficial or advantageous to the County). The County as deemed necessary may reject changes.
- (G) Cobb County is exempt from Federal Excise Tax and Georgia Sales Tax.
- (H) Cobb County does not accept conditional bids.

4. DEFAULT:

The Award as a result of bids received under this invitation may be in part based on the delivery factor. Accordingly, should delivery fail to be performed within the time specified by the bidder, the bid may then be declared in default of the contract. In such event, the County may then proceed to purchase in the open market the items from another source.

5. F.O.B. POINT:

Unless otherwise stated in the Invitation to Bid and any resulting contract, all articles will be F.O.B. Destination. This means delivered, unloaded, and placed in the designated place.

6. AWARD OF CONTRACT:

The Contract will be awarded to the responsible bidder whose bid will be the most advantageous to the County, price, and other factors considered. The County will make the determination. The County reserves the right at any time to reject any and all bids, to waive informalities and technicalities, to award portions of the bid, and to award contracts consistent with the County and the laws governing the State of Georgia. Normal payment terms are net thirty (30) days after receipt of invoice by the Finance Department.



COBB COUNTY
PURCHASING DEPARTMENT
1772 County Services Parkway
Marietta, Georgia 30008-4012
(770) 528-8400/FAX (770) 528-1154
www.cobbcounty.org

IMPORTANT NOTICE – PLEASE READ CAREFULLY!!

All vendors are required to submit the ORIGINAL AND AT LEAST one (1) duplicated copy of any bid submitted to Cobb County. Please refer to your bid specifications to determine if more than one (1) copy is required. Non-submission of a duplicate copy may disqualify your bid/proposal.

A “**SEALED BID LABEL**” has been enclosed to affix to your bid. This label ***MUST*** be affixed to the outside of the envelope or package, **even if it is a “NO BID” response**. Failure to attach the label may result in your bid being opened in error or not being routed to the proper location for consideration. No bid will be accepted after the date and time specified. **IT IS THE VENDOR’S RESPONSIBILITY TO ENSURE THAT EACH BID HAS BEEN RECEIVED IN A TIMELY MANNER.**

BIDS MUST BE RECEIVED BEFORE 12:00 (NOON) ON BID OPENING DAY

Bids must be received at the Cobb County Purchasing Department. **Any bids received later than 12:00 (noon) will not be accepted.** The County accepts no responsibility for delays in the mail. Bids are to be mailed or hand delivered to:

COBB COUNTY PURCHASING DEPARTMENT
1772 COUNTY SERVICES PARKWAY
MARIETTA, GA 30008-4012

Bids will be opened at 2:00 P.M. in the Cobb County Purchasing Department, 1772 County Services Parkway, 2nd Floor, Conference/Bid Room, Marietta, GA 30008.

Thank you in advance for your cooperation.

SEALED BID LABEL

SEALED BID ENCLOSED

DELIVER TO:
COBB COUNTY PURCHASING
1772 County Services Parkway
Marietta, GA 30008-4012

SEALED BID # 09-5418 DATE: July 23, 2009

BIDS MUST BE RECEIVED BEFORE 12:00 NOON

**DESCRIPTION: Annual Contract
Polymer and Polymer Feed Equipment**

PLEASE ATTACH LABEL TO OUTSIDE OF BID PACKAGE



Cobb County...Expect the Best!

INVITATION TO BID

**SEALED BID # 09-5418
ANNUAL CONTRACT
POLYMER AND POLYMER FEED EQUIPMENT
COBB COUNTY WATER SYSTEM**

BID OPENING DATE: JULY 23, 2009

BIDS ARE RECEIVED IN THE
COBB COUNTY PURCHASING DEPARTMENT
1772 COUNTY SERVICES PARKWAY
MARIETTA, GEORGIA 30008
BEFORE 12:00 (NOON) BY THE BID OPENING DATE

BIDS WILL BE OPENED IN THE COBB COUNTY PURCHASING DEPARTMENT
BID/MEETING ROOM AT 2:00 P.M.

**VENDORS ARE REQUIRED TO SUBMIT THE ORIGINAL AND 1 COPY OF BID
(UNLESS OTHERWISE SPECIFIED IN BID SPECIFICATIONS)**

N.I.G.P. COMMODITY CODE: 88544

NAME: _____

ADDRESS: _____

REPRESENTATIVE: _____

PHONE: _____ FAX: _____

E-MAIL _____

NOTE: The Cobb County Purchasing Department will not be responsible for the accuracy or completeness of the content of any Cobb County Invitation to Bid or Request for Proposal or subsequent addenda thereto received from a source other than the Cobb County Purchasing Department.



Cobb County...Expect the Best!

"STATEMENT OF NO BID"

COBB COUNTY PURCHASING DEPARTMENT
1772 COUNTY SERVICES PARKWAY
MARIETTA, GA 30008

TO ALL PROSPECTIVE BIDDERS:

Because of the many requests to be placed on our vendors' list, we are continuously updating the list. While we want to include all bona fide vendors, we do not want to mail bids to those vendors who may no longer be interested in participating in our bidding process.

If you do not choose to respond to the attached Invitation to Bid/Request for Proposal, please fill out the form below indicating whether or not you want to be retained on our current vendor list.

Vendors who do not respond in any way (by either submitting a bid or by returning this form) over a period of one year may be removed from the current vendor list.

Vendors who do not wish to bid often return the entire bid package, sometimes at considerable postage expense. Returning the entire bid package is not necessary. Simply return this form.

Thank you for your cooperation.
Cobb County Purchasing Department

**"STATEMENT OF NO BID"
SEALED BID NUMBER 09-5418
ANNUAL CONTRACT
POLYMER AND POLYMER FEED EQUIPMENT**

If you do not wish to respond to the attached Invitation to Bid/Request for Proposal, please complete this form and mail/fax to: **Cobb County Purchasing Department, Attention: Sealed Bid Department, 1772 County Services Parkway, Marietta, GA. Fax # 770-528-1154**

I do not wish to submit a bid/proposal on this solicitation.

I wish to be retained on the vendor list for this commodity or service: Yes _____ No _____

Please PRINT the following:

Company

Representative

You are invited to list reasons for your decision not to bid: _____

Invitation to Bid
Annual Contract- Polymer and Polymer Feed Equipment for
Cobb County Water Reclamation Facilities
Seal Bid #09-5418

Cobb County General Instructions For Bidders, Terms and Conditions

I. Preparation Of Bids

Each bidder shall examine the drawings, specifications, schedule and all instructions. Failure to do so will be at the bidder's risk, as the bidder will be held accountable for their bid response.

Each bidder shall furnish all information required by the bid form or document. Each bidder shall sign the bid and print or type his or her name on the schedule. The person signing the bid must initial erasures or other changes. An authorized agent of the company must sign bids.

Due to the large number of vendors listed in certain categories of the Cobb County vendor's list, not all vendors will necessarily be sent an Invitation to Bid each time one is issued. Invitations to Bid issued by Cobb County are advertised on Cobb County TV23, the Cobb County Internet site <http://www.cobbcounty.org> and every Friday in the Marietta Daily Journal.

II. Delivery

Each bidder should state the time of proposed delivery of goods or services. Words such as "immediate", "as soon as possible", etc. shall not be used. The known earliest date or the minimum number of calendar days required after receipt of order (delivery A.R.O.) shall be stated (if calendar days are used, include Saturday, Sunday and holidays in the number).

III. Explanation to Bidders

Any explanation desired by a bidder regarding the meaning or interpretation of the invitation for bids, drawings, specifications, etc. must be received by 5:00 pm on Monday, July 6, 2009. Any information given to a prospective bidder concerning an invitation to bid will be furnished to all prospective bidders as an addendum to the invitation if such information is necessary or if the lack of such information would be prejudicial to uninformed bidders.

The written bid documents supersede any verbal or written communication between parties. Receipt of addendum should be acknowledged in the bid. Although the Purchasing Division will take effort to send any addendum to known bidders, it is the

bidder's ultimate responsibility to ensure that they have all applicable addenda prior to bid submittal. This may be accomplished via contact with the Purchasing Division prior to bid submittal.

IV. Submission of Bids

Bids shall be enclosed in sealed envelopes, addressed to the Cobb County Purchasing Department with the name of the bidder, the date and hour of opening and the invitation to bid number on the face of the envelope. Bids must be received in the Purchasing Department no later than the date and time (determined by the date/time stamp in the department) set forth in the Invitation to Bid. It is the sole responsibility of the bidder to ensure that his or her bid reaches the Purchasing Department. Telegraphic/faxed bids will not be considered. Any addenda should be enclosed in the sealed envelopes as well. The bids will be publicly opened and read at the time and place set forth in the Invitation to Bid.

Samples of items, when required, must be submitted within the time specified and, unless otherwise specified by the County, at no expense to the County. Unless otherwise specified, samples will be returned at the bidder's request and expense if items are not destroyed by testing. Items offered must meet required specifications and must be of a quality, which will adequately serve the use and purpose for which intended.

Full identification of each item bid upon, including brand name, model, catalog number, etc. must be furnished to identify exactly what the bidder is offering. The bidder must certify that items to be furnished are new and that the quality has not deteriorated so as to impair its usefulness.

If no items are bid on, the "Statement of No Bid" must be returned, with the envelope plainly marked "No Bid" including the bid number. Where more than one item is listed, any items not bid upon must be indicated "No Bid".

Unsigned bids will not be considered except in cases where bid is enclosed with other documents, which have been signed. The County will determine this.

Cobb County is exempt from federal excise tax and Georgia sales tax with regards to goods and services purchased directly by Cobb County. Suppliers and contractors are responsible for federal excise tax and sales tax, including any taxes for materials incorporated in county construction projects. Suppliers and contractors should contact the State of Georgia Sales Tax Division for additional information. Tax Exemption Certificates will be furnished upon request.

Information submitted by a bidder in the bidding process shall be subject to disclosure after the public opening in accordance with the Georgia Open Records Act. Each page of proprietary information must be identified. Entire bid may not be deemed proprietary.

V. *Withdraw Bid Due To Errors*

The bidder shall give notice in writing of his claim of right to withdraw his bid without penalty due to an error within two (2) business days after the conclusion of the bid opening procedure. Bids may be withdrawn from consideration if the price was substantially lower than the other bids due solely to a mistake therein, provided the bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the bid, which unintentional arithmetic or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the bid sought to be withdrawn. The bidder's original work papers shall be the sole acceptable evidence of error and mistake if he elects to withdraw his bid. If a bid is withdrawn under the authority of this provision, the lowest remaining responsive bid shall be deemed to be low bid.

No bidder who is permitted to withdraw a bid shall, for compensation, supply any material or labor or perform any subcontract or other work agreement for the person or firm to whom the contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn bid was submitted.

Supplier has up to forty-eight (48) hours to notify the Cobb County Purchasing Department of an obvious clerical error made in calculation of bid in order to withdraw a bid after bid opening. Withdrawal of bid for this reason must be done in writing within the forty-eight (48) hour period. Suppliers who fail to request the withdrawal of bid by the required forty-eight (48) hours shall automatically forfeit bid bond. Bid may not be withdrawn otherwise. Bid withdrawal is not automatically granted and will be allowed solely at the discretion of Cobb County.

VI. *Testing and Inspection*

Since tests may require several days for completion, the County reserves the right to use a portion of any supplies before the results of tests are determined. Cost of inspections and tests of any item, which fails to meet specifications, shall be borne by the bidder.

VII. *F.O.B. Point*

Unless otherwise stated in the Invitation to Bid and any resulting contract, or unless qualified by the bidder, items shall be shipped F.O.B. Destination. The seller shall retain title for the risk of transportation, including the filing for loss or damages. The invoice covering the items is not payable until items are delivered and the contract of carriage has been completed. Unless the F.O.B. clause states otherwise, the seller assumes transportation and related charges either by payment or allowance.

VIII. *Patent Indemnity*

The contractor guarantees to hold the County, its agents, officers, or employees harmless from liability of any nature or kind for use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, articles or appliances furnished or used in the performance of contract, for which the contractor is not the patentee, assignee or licensee.

IX. *Discounts*

Time payment discounts will be considered in arriving at net prices and in award of bids. Offers of discount for payment within ten (10) days following the end of the month are preferred.

X. *Insurance*

Insurance requirements. Contractor shall procure and maintain for the duration of the contract, insurance against claims for injuries to persons or damages to property that may arise from or in connection with performance of the Work hereunder by the Contractor, his agents, representatives, employees, or subcontractors.

A. MINIMUM LIMITS OF INSURANCE

Contractor shall maintain limits no less than:

1. General Liability: \$1,000,000 combined single limit per occurrence for comprehensive coverage including bodily injury, personal injury and property damage for premises/operations, products/completed operations, contractual liability, independent contractors, broad-from property damage, and underground, explosion and collapse hazard.
2. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage including all owned, hired, and non-owned.
3. Workers' Compensation and Employers Liability: Workers' Compensation limits as required by the Labor code of the State of Georgia and Employers Liability of \$100,000 per accident.
4. Umbrella Liability: \$5,000,000 combined single limits per occurrence.
5. Builders Risk Insurance, if applicable: All Risk coverage on any buildings, structure of work and material in an amount equal to 100 per cent of the value of the contract. Coverage is to cover Cobb County interest and Cobb County shall be named as Loss Payee.

B. DEDUCTIBLES AND SELF-INSURED RETENTION

Any deductibles or self-insurance retentions must be declared to and approved by the Owner. At the option of the Owner, either: The insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the Owner, its officers officials, and employees; or the Contractor shall procure a bond guaranteeing payment of losses related to investigations, claim administration and defense expenses.

C. OTHER INSURANCE PROVISIONS

1. General Liability, Automobile Liability, and Umbrella Liability Coverages

The Owner and its officers, officials, employees and volunteers are to be covered as additional insureds as respects: liability arising out of activities performed by or on behalf of the Contractor.

Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Owner and its officers, officials, employees or volunteers.

The Contractor is responsible for insuring its own property and equipment.

2. Workers' Compensation and Employers Liability Coverage. The insurer shall agree to waive all rights of subrogation against the Owner and its officers, officials, employees and volunteers for losses arising from the work performed by the Contractor for the Owner.

3. All Coverages: Each insurance policy required by this clause shall be endorsed to state that coverage shall not be changed, cancelled, suspended, terminated or non-renewed except after sixty (60) days prior written notice by certified mail, return receipt requested, has been given to Cobb County of said change of coverage, cancellation, suspension, termination / or non-renewal.

D. ACCEPTABILITY.

Insurance is to be placed with insurers with an A.M.Best's rating of no less than A: VII, or otherwise acceptable to the Owner.

E. VERIFICATION OF COVERAGE.

Contractor shall furnish the Owner with certificates of insurance and with original endorsements effecting coverage required by this clause. These certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Owner before any work commences. The Owner reserves the right to require complete, certified copies of all required insurance policies at any time.

F. SUBCONTRACTORS

Subcontractor means one not in the employment of the Contractor who is performing all

or part of the services under this Agreement under a separate contract with the Contractor.

Contractor shall include all subcontractors as insured under its insurance or shall ensure that subcontractors have met the insurance requirements of this agreement. Owner may request evidence of subcontractor's insurance.

Contractor is responsible for having all subcontractors comply with all terms and conditions of the Invitation to Bid.

G. WAIVER OF SUBROGATION

Vendor shall require all insurance policies in any way related to the work and secured and maintained by Vendor to include clauses stating each underwriter shall waive all rights of recovery, under subrogation or otherwise, against Customer. Vendor shall require of subcontractors, by appropriate written agreements, similar waivers each in favor of all parties enumerated in this section.

XI. Award

Award will be made to the lowest responsive and responsible bidder. Conditional bids are not be acceptable. The quality of articles to be supplied, their conformity with the specifications, their suitability to the requirements of the County, and the delivery terms will be taken into consideration in making the award. The County may make such investigations as it deems necessary to determine the ability of the bidder to perform, and the bidder shall furnish to the County all such information and data for this purpose as the County may request. The County reserves the right to reject any bid if the evidence submitted by, or investigation of such bidder fails to satisfy the County that such bidder is properly qualified to carry out the obligations of the contract. The County reserves the right to reject or accept any or all bids and to waive technicalities, informalities, and minor irregularities in bids received.

The County reserves the right to purchase the goods or services described herein from other sources. The Bidder does not have the exclusive right to fill all of the County's requirements for the goods or services awarded nor will the County be obligated to purchase the estimated annual quantity or any quantity contained in the bid document.

The County reserves the right to make an award as deemed in its best interest, which may include awarding a bid to a single bidder or multiple bidders; or to award the whole bid, only part of the bid, or none of the bid to single or multiple bidders, based on its sole discretion of its best interest. In case of tie bid, the award will be made as follows:

1. The bid will be awarded to the in-county vendor.
2. The bid will be awarded to the in-state vendor.
3. The bid will be awarded to the vendor with the lesser total dollar volume.

The County reserves the right to award by line item to more than one vendor. The County reserves the right to negotiate a lower price than the bid award price on any line item with the successful vendor, should the quantity required significantly exceed those on the Invitation to Bid. If the County is unable to negotiate an acceptable price, it reserves the right to rebid the item(s) involved. If after the award of the bid there is a decrease in the price of a product from the manufacturer, or a rebate, the successful bidder will pass that price decrease and/or rebate onto the County.

Bids are available for public inspection within 24 hours after bid opening, by appointment only.

XII. Delivery Failures

Failure of a contractor to deliver within the time specified or within reasonable time as interpreted by the Purchasing Director, or failure to make replacement of rejected articles/services when so requested, immediately or as directed by the Purchasing Director, shall constitute authority for the Purchasing Director to purchase in the open market articles/services of comparable grade to replace the articles/services rejected or not delivered. On all such purchases, the contractor shall reimburse the County within a reasonable time specified by the Purchasing Director for any expense incurred in excess of contract prices, or the County shall have the right to deduct such amount from monies owed the defaulting contractor. Alternatively, the County may penalize the contractor one percent (1%) per day for a period of up to ten (10) days for each day that delivery or replacement is late. Should public necessity demand it, the County reserves the right to use or consume articles delivered which are substandard in quality, subject to an adjustment in price to be determined by the Purchasing Director.

XIII. County Furnished Property

No material, labor or facilities will be furnished by the County unless so provided in the invitation to bid.

XIV. Reject And Withdraw Bids

Failure to observe any of the instructions or conditions in this invitation to bid may constitute grounds for rejection of bid.

XV. Contract

Each bid is received with the understanding that the acceptance in writing by the County of the offer to furnish any or all commodities or services described therein shall constitute a contract between the bidder and the County which shall bind the bidder on his part to furnish and deliver the articles quoted at the prices stated in accordance with the

conditions of said accepted bid. The County, on its part, may order from such contractor, except for cause beyond reasonable control, and to pay for, at the agreed prices, all articles specified and delivered. Payment terms are net thirty (30) days after receipt of invoice.

The Price and all unit prices shown shall be deemed to include all costs of Contractor's performance of the Work as set forth in the Bid Documents, including, but not limited to, the costs of labor, supervision, travel, services, materials, equipment, tools, scaffolds, hoisting, transportation, storage, insurance and taxes.

Upon receipt of a bid package, containing a Cobb County "Sample Contract" as part of the requirements, it is understood that the bidder has reviewed the documents with the understanding that Cobb County requires all agreements between the parties must be entered into via this document. If any exceptions are taken to any part, each must be stated in detail and submitted as part of the bid. If no exceptions are stated, it is assumed that the bidder fully agrees to the provisions contained in the "Sample Contract" in its entirety.

When the contractor has performed in accordance with the provisions of this agreement, Cobb County shall pay the contractor, within thirty (30) days of receipt of any payment request based upon work completed or service provided pursuant to the contract, the sum so requested, less the retainage stated in this agreement, if any.

XVI. Non-Collusion

By submission of a bid, the vendor certifies, under penalty of perjury, that to the best of its knowledge and belief:

- (a) The prices in the proposal have been arrived at independently without collusion, consultation, communications, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other vendor or with any competitor.
- (b) Unless otherwise required by law, the prices which have been quoted in the proposal have not been knowingly disclosed by the vendor prior to opening, directly or indirectly, to any other vendor or to any competitor.
- (c) No attempt has been made, or will be made, by the vendor to induce any other person, partnership or corporation to submit or not to submit a proposal for the purpose of restricting competition.

Collusions and fraud in bid preparation shall be reported to the State of Georgia Attorney General and the United States Justice Department.

XVII. Conflict of Interest, Etc.

By submission of a bid, the responding firm certifies, under penalty of perjury, that to the best of its knowledge and belief:

1. No circumstances exist which cause a Conflict of Interest in performing the services required by this ITB, and
2. That no employee of the County, nor any member thereof, not any public agency or official affected by this ITB, has any pecuniary interest in the business of the responding firm or his sub-consultant(s) has any interest that would conflict in any manner or degree with the performance related to this ITB.

By submission of a bid, the vendor certifies under penalty of perjury, that to the best of its knowledge and belief:

- (a) The prices in the bid have been arrived at independently without collusion, consultation, communications, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other vendor or with any competitor.
- (b) Unless other wise required by law, the prices which have been quoted in the bid have not knowingly been disclosed by the vendor prior to opening, directly or indirectly, to any other vendor or competitor.
- (c) No attempt has been made, or will be made, by the vendor to induce any other person, partnership or cooperation to submit or not to submit a bid for the purpose of restricting competition.

For any breach or violation of this provision, the County shall have the right to terminate any related contract or agreement without liability and at its discretion to deduct from the price, or otherwise recover, the full amount of such fee, commission, percentage, gift, payment or consideration.

The successful responding firm shall require each of its sub-consultant(s) to sign a statement certifying to and agreeing to comply with the terms of the Sub-sections above.

XIII. Default

The contract may be cancelled or annulled by the Purchasing Director in whole or in part by written notice of default to the contractor upon non-performance or violation of contract terms. An award may be made to the next low responsive and responsible bidder, or articles specified may be purchased on the open market similar to those so terminated. In either event, the defaulting contractor (or his surety) shall be liable to the County for costs to the County in excess of the defaulted contract prices; provided, however, that the contractor shall continue the performance of this contract to the extent not terminated under the provisions of this clause. Failure of the contractor to deliver materials or services within the time stipulated on his bid, unless extending in writing by the Purchasing Director, shall constitute contract default.

XIX. Disputes

Except as otherwise provided in the contract documents, any dispute concerning a

question of fact arising under the contract which is not disposed of shall be decided after a hearing by the Purchasing Director, who shall reduce his/her decision to writing and mail or otherwise furnish a copy thereof to the contractor. The decision of the Purchasing Director shall be final and binding; however, the contractor shall have the right to appeal said decision to a court of competent jurisdiction.

XX. *Substitutions*

Bidders offering and quoting on substitutions or who are deviating from the attached specifications shall list such deviations on a separate sheet to be submitted with their bid. The absence of such a substitution list shall indicate that the bidder has taken no exception to the specifications contained herein.

XXI. *Ineligible Bidders*

The County may choose not to accept the bid of a bidder who is in default on the payment of taxes, licenses, or other monies due to the County. Failure to respond three (3) consecutive times for any given commodity/service may result in removal from the supplier list under that commodity/service.

XXII. *Alterations Of Documents*

Alterations of County documents are strictly prohibited and will result in automatic disqualification of the firm's solicitation response. If there are "exceptions" or comments to any of the solicitation requirements or other language, then the firm may make notes to those areas, but may not materially alter any document language.

XXIII. *Termination For Convenience*

The County, by written notice, may terminate this contract, in whole or in part, when it is in the County's interest. If this contract is terminated, the County shall be liable only for goods or services delivered or accepted. The County Notice of Termination may provide the contractor thirty (30) days prior notice before it becomes effective. However, at the County's sole option a termination of convenience may be effective immediately and may apply to delivery orders (if applicable) or to the contract in whole.

XXIV. *Inter-governmental Agreement*

Other cities and Authorities located in Cobb County will be allowed to purchase identical items at the same price and upon the same terms and conditions, pursuant to the Intergovernmental Cooperative Purchasing Agreements entered into between the BOC

and Cobb County Governmental entities listed under the Intergovernmental Cooperative Purchasing Program. These entities include the Cobb County Board of Education and Cities of Acworth, Austell, Kennesaw, Smyrna, Marietta, and Powder Springs and the Cobb County-Marietta Water Authority and the Cobb-Marietta Coliseum and Exhibit Hall Authority.

XXV. Indemnification and Hold Harmless

By submission of a bid, the selected responding firm agrees to the fullest extent permitted by law to indemnify Cobb County and protect, defend, indemnify and hold harmless Cobb County, its officers, officials, employees and volunteers from and against all claims, actions, liabilities, losses (including economic losses), or costs arising out of any actual or alleged a) bodily injury, sickness, disease, or death; or injury to or destruction of tangible property including the loss of use resulting there from; or any other damage or loss arising out of or resulting claims resulting in whole or part from any actual or alleged act or omission of the responding firm, sub-consultant, anyone directly or indirectly employed by any firm or sub-consultant; or anyone for whose acts any of them may be liable in the performance of work; b) violation of any law, statute, ordinance, governmental administrative order, rule, regulation, or infringements of patent rights or other intellectual property rights by the responding firm in the performance of work; or c) liens, claims or actions made by the responding firm or other party performing the work, as approved by Cobb County. The indemnification obligations herein shall not be limited by any limitation on the amount, type of damages, compensation, or benefits payable by or for the responding firm or its sub-consultant(s), as approved by the County, under workers' compensation acts, disability benefit acts, other employee benefit acts, or any statutory bar or insurance.

XXVI. Special Terms and Conditions

Should these General Terms and Conditions be in conflict with any attached Special Terms and Conditions, the Special Terms and Conditions will control.

XXVII. Disadvantaged Business Enterprises (DBE): The following provisions should be carefully read to determine applicability to your business.

Cobb County Government encourages the participation of all businesses in offering their services and/or products. The Cobb County Government has the goal to fairly and competitively procure the best product at the most reasonable cost.

A Disadvantaged Business Enterprise (DBE) is generally defined as a Female, Black American, Hispanic American and any other minority owned business. The Federal Government has long had program in place to ensure participation of DBE vendors and suppliers. The State of Georgia has established a similar program whereby DBE firms are defined, certified and made known. This effort is managed by the Georgia Department of Transportation (GDOT). More information can be obtained from GDOT web site:

1. <http://www.dot.state.ga.us/eoo-div/index.shtml>

The Cobb County Government addresses DBE business participation (frequency and dollar value) in the following ways:

1. Cobb County wishes to identify all DBE participation; both at the contractor and sub-contractor levels in the following ways.
 - a. DBE businesses are requested to identify such status at the time they register as a vendor.
 - b. DBE businesses are requested to identify themselves at the time they propose to do business. Please complete **EXHIBIT B** if applicable and return with bid submittal.
 - c. All businesses will receive with each Purchase Order an instruction sheet for use of the furnished *Cobb County Government DBE Participation Report, EXHIBIT C*. Businesses are requested to complete this report and submit it with each invoice for the time period billed.
2. Cobb County has established a Disadvantaged Business Enterprise Plan in accordance with the regulations of the U.S. Department of Transportation (U. S. Department of Transportation (USDOT), 49 CFR Part 26.) The Cobb County Department of Transportation is the lead agency for implementing the USDOT DBE Program for the County.

The Plan applies only to projects which are clearly indicated by the County.

XVIII. Americans With Disabilities Act

Cobb County requires all contractors to comply with applicable sections of the Americans With Disabilities Act (ADA) as an equal opportunity employer. In compliance with the Americans With Disabilities Act (ADA), Cobb County provides reasonable accommodations to permit a qualified applicant with a disability to enjoy the privileges of employment equal to those employees without disabilities. Disabled individuals must satisfy job requirements for education background, employment experience, and must be able to perform those tasks that are essential to the job with or without reasonable accommodations.

XXIX. Evidence of Compliance with Georgia Security & Immigration Compliance Act

The County and Contractor agree that compliance with the requirements of O.C.G.A. Sec. 13-10-91 and Rule 300-10-1-.02 of the Rules of the Georgia Department of Labor are conditions of this Agreement for the physical performance of services.

The Contractor represents that it employs:

- _____ 500 or more employees;
- _____ 100 or more employees; or
- _____ fewer than 100 employees

(Contractor must initial appropriate category).

Contractor Name

The Contractor further agrees that its compliance with the requirements of O.C.G.A. Sec. 13-10-91 and DOL Rule 300-10-1-.02 is attested to on the executed Contractor Affidavit and Agreement attached hereto as EXHIBIT A.

If employing or contracting with any subcontractor(s) in connection with this Agreement, Contractor further agrees:

- (1) To secure from the subcontractor(s) such subcontractor(s)' indication of the employee-number category applicable to the subcontractor(s); and
- (2) To secure from the subcontractor(s) an affidavit attesting to the subcontractor's compliance with O.C.G.A. Sec. 13-10-91 and DOL Rule 300-10-1-.02; such affidavit being in the form attached hereto and referenced as EXHIBIT A-1; and
- (3) To submit such subcontractor affidavit(s) to the County when the subcontractor(s) is retained, but in any event, prior to the commencement of work by the subcontractor(s).

The failure of Contractor to supply the affidavit of compliance at the time of execution of this Agreement and/or the failure of Contractor to continue to satisfy the obligations of O.C.G.A. Sec. 13-10-91 and DOL Rule 300-10-1-.02 as set forth in this Agreement during the term of the Agreement shall constitute a material breach of the contract. Upon notice of such breach, Contractor shall be entitled to cure the breach within ten (10) days, upon providing satisfactory evidence of compliance with the terms of this Agreement and State law. Should the breach not be cured, the County shall be entitled to all available remedies, including termination of the contract and damages.

THIS PAGE MUST BE SUBMITTED WITH BID PACKAGE

SEE AFFIDAVITS ON FOLLOWING PAGES

**CONTRACTOR AFFIDAVIT & AGREEMENT
EXHIBIT A**

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is contracting with Cobb County, Georgia, has registered and is participating in a federal work authorization program* [an electronic verification of work authorization program operated by the U.S. Department of Homeland Security or any equivalent federal work authorization program operated by the U.S. Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A. § 13-10-91.

The undersigned further agrees that should it employ or contract with any subcontractor(s) for the physical performance of services pursuant to the contract with Cobb County, Georgia, the contractor will secure from the subcontractor(s) verification of compliance with O.C.G.A. § 13-10-91 on the attached Subcontractor Affidavit. (EXHIBIT A-1). The contractor further agrees to maintain records of such compliance and shall provide a copy of each such verification to Cobb County, Georgia, at the time the subcontractor(s) is retained to perform such services.

BY: _____
Authorized Officer or Agent
[Contractor Name]

Date: _____

Title

Printed Name

Company Name

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE
____ DAY OF _____, 200_

Notary Public
My Commission Expires:

**The applicable federal work authorization program as of the effective date of the statute is the Basic Pilot program of the Systematic Alien Verification for Entitlements (SAVE) Program Office of U.S. Citizenship and Immigration Service (USCIS).*

**SUBCONTRACTOR AFFIDAVIT
EXHIBIT A-1**

By executing this affidavit, the undersigned subcontractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of Cobb County, Georgia, has registered and is participating in a federal work authorization program* [an electronic verification of work authorization program operated by the U.S. Department of Homeland Security or any equivalent federal work authorization program operated by the U.S. Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA)], in accordance with the applicability provisions and deadlines established in O.C.G.A. § 13-10-91.

BY: _____
Authorized Officer or Agent
[Contractor Name]

Date: _____

Title

Printed Name

Company Name

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE
____ DAY OF _____, 200_

Notary Public
My Commission Expires:

**The applicable federal work authorization program as of the effective date of the statute is the Basic Pilot program of the Systematic Alien Verification for Entitlements (SAVE) Program Office of U.S. Citizenship and Immigration Service (USCIS).*

EXHIBIT B

DISADVANTAGED BUSINESS ENTERPRISE (DBE) IDENTIFICATION FORM

A Disadvantaged Business Enterprise (DBE) is generally defined as a Female, Black American, Hispanic American and any other minority owned business. If your firm is classified as a Disadvantaged Business Enterprise (DBE), please complete this form and submit with bid response or send to:

Cobb County Purchasing Department
Attn: Mr. Rick Brun, Purchasing Director
1772 County Services Parkway
Marietta, GA 30008
Fax: 770-528-1154
Email: purchasing@cobbcounty.org

Name of Firm: _____

Address: _____

Telephone: _____

Fax: _____

Email: _____

MBE Certification Number: _____

Name of Organization Certification _____

**This information is acquired for informational purposes only and will
have no bearing on the award unless otherwise stated**

Instructions for Completing Exhibit C
Disadvantaged Business Enterprise (DBE)
Participation Report

All Cobb County Government contractors or vendors are requested to complete a report descriptive of any DBE subcontractor involvement in work for which the government is making payment. If otherwise specified in an RFP or contract, additional reporting forms may be required as well.

The objective of this request is to assist in the identification of Disadvantaged Business Enterprise (DBE) business participation with the Cobb County Government and to quantify that participation.

The Cobb County Government does not administer a DBE Certification Program. The principle certification agency for the State of Georgia is the Georgia Department of Transportation. As a Contractor/Vendor you are not responsible for verification of any DBE Certification information of your subcontractor.

*** **Instructions** ***

1. Contractor/Vendor is furnished the one-page ***DBE Participation Report*** form with each Cobb County Government-issued Purchase Order.
2. Contractor/Vendor completes this form for each billing period and attaches it to the invoice to then be sent to the Cobb County Government.
3. Upon receipt of a Contractor/Vendor invoice, County staff should simply separate the completed DBE form and transmit to:

Cobb County Purchasing Department,
Attn.: DBE Report

A Disadvantaged Business Enterprise (DBE) is a firm that is under the control of someone in an ownership position (at least 51%) that:

1. Has membership in one or more of the following groups: Female, Black American, Hispanic American, Native American, Subcontinent Asian American and Asian-Pacific America. There may be other groups that may be eligible to be certified as DBE;
2. Is a U.S. citizen or lawfully admitted permanent resident of the U.S.;
3. Has a personal net worth which does not exceed \$750,000; and,
4. The business meets the Small Business Administration's size standard for a small business and does not exceed \$17.42 million in gross annual receipts;
5. The business is organized as a for-profit business.
6. The business may also be DBE eligible as a certified U.S. Small Business Administration 8(a) program.

EXHIBIT C
Cobb County Government Disadvantaged
Business Enterprise Participation Report

→ *PLEASE keep this blank form to make copies for actual use as needed. Also, please print or type in the form.* ←

Submitted by: _____ Period Invoiced: _____

Name of Prime Contractor/Vendor

From/To:

Cobb County Project Name: _____

Bid or P.O. Number: _____

Cobb County Department or Agency receiving service or product: _____

Description of Purchased Service/Product: _____

Full Contracted Amount: \$_____ Payment amount requested at this time: \$_____

1. Are YOU, the Prime Contractor or Vendor a DBE business? YES _____ NO _____
2. Please provide the following information for each subcontractor participating during this reporting period:

Subcontractor Business Name	Type Service or Product Supplied	Subcontractor Business/Contact Tel. Number	Actual Dollar Value of Subcontractor Participation this Reporting Period
			\$
			\$
			\$
			\$
			\$
			\$
			\$

Submitted by: _____

Printed Name

Title or position: _____

Signature of Authorized Representative

Date Completed: _____

County Departments: Please send this completed form to the Cobb County Purchasing Department, ATTN: DBE Report

**ANNUAL CONTRACT – POLYMER AND POLYMER FEED EQUIPMENT
SEALED BID #09-5418**

SPECIAL TERMS AND CONDITIONS

The Cobb County Water System is seeking vendor(s) to provide Polymer and Polymer Feed Equipment for the Water Reclamation Facilities.

Bids are due to the Cobb County Purchasing Department located at 1772 County Services Parkway before 12:00 (noon) on **July 23, 2009. Late Bids will not be accepted.**

Bidders having questions with regard to Bid Specifications shall present these questions in writing for clarification by **5:00 pm, Monday, July 6, 2009 to:**

**Cobb County Purchasing Department
1772 County Services Parkway
Marietta, GA 30008
Fax: 770-528-1154
Email: purchasing@cobbcounty.org**

A Pre-Bid Conference will be held on June 10, 2009 at 10:00 a.m. at the Cobb County Purchasing Department, 1772 County Services Parkway, Marietta, GA. 30008.

Vendor shall be the manufacturer of the product supplied. Duplicate representation of a product shall not be permitted.

Vendor shall submit a manufacturer's product bulletin and a material safety data sheet (MSDS) for product they will **supply with bid package**. If vendor changes or uses an alternate product, they shall provide a material safety data sheet to facility with delivery of product.

Vendor shall supply a certificate of analysis at the time of delivery for the product being delivered. Certificate of analysis shall include lot number, date of analysis, specific gravity, percent active solids, percent total solids, insoluble solids, pH, and viscosity.

Vendor shall **provide** written instruction for analytical method(s) to test product for active solids analysis and viscosity **with bid package**.

Delivery shall be received by facility within seven (7) calendar days of order date. Product shall be delivered in 5,000-gallon tank truckloads for liquid products or an equivalent amount as specified by facility superintendent for dry products.

Vendor shall label all bulk storage tanks designated for that product upon initial delivery of product supplied by vendor, in compliance with federal, state, and local regulations.

Vendor shall provide all necessary tools, equipment, hoses, air compressor, fittings, etc. to offload product.

Vendor shall follow all applicable federal, state, and local regulations to ensure safe delivery and offloading of product into designated bulk storage tanks.

Vendor shall follow all federal, state, and local regulations for hazardous materials when a spill occurs while offloading to ensure proper clean up and disposal of product spilled.

Vendor shall pay for an analysis of a grab sample from bulk storage tank(s) upon the initial delivery of their product by an independent lab or as requested by facility superintendent for quality assurance/quality control.

Vendor shall pay for analysis of a grab sample from bulk storage tank(s) by an independent lab quarterly or as requested by facility superintendent. Failure to meet specifications can result in immediate forfeiture of agreement.

Product that does not meet specifications shall be removed from bulk storage tank or tanks and be replaced with new product by vendor at vendor's expense within forty-eight hours of notice. Vendor shall be responsible for cleaning feed equipment, bulk tanks; solution feed tanks, feed lines, and proper disposal of waste material as a result of material that did not meet specifications.

Product that is delivered and rejected or is tested and fails to meet specifications as determined by facility superintendent shall be replaced within 24 hours of notification. In the event that the facility may run out of product, the vendor shall provide a temporary feed system and supply of product until product is replaced and system restored back to normal operating condition. Cobb County will not be responsible for any expense due to the failure of vendors' product.

Vendor shall provide technical support as described in sections II and III. Qualifications of the technical specialist shall be **included in bid package**.

The facility superintendent shall be the final authority in every aspect of determining what is or may be in the best interest of that facility. Facility superintendent's authority includes resolving disputes, disagreements, or objections by vendor.

Cobb County reserves the right to visit the product manufacturing facility at the expense of the vendor.

Delivery to other locations within Cobb County other than those listed below shall be made at the same terms and conditions.

- | | |
|---|--|
| 1. Noonday Creek Water
Reclamation Facility
415 Shallowford Road, N.E.
Kennesaw, Georgia 30144 | Kennesaw, Georgia 30144 |
| 2. Northwest Cobb Water
Reclamation Facility
3740 Highway 293, N.W. | 3. R.L. Sutton Water Reclamation
Facility
5175 South Atlanta Road
Smyrna, Georgia 30080 |
| | 4. South Cobb Water Reclamation
Facility |

II. TECHNICAL SERVICE AND SUPPORT REQUIREMENTS

- A. A registered chemical engineer must be available to Cobb County for consultation and to assist in projects or problems related to product.
- B. Technical support is an essential part of an effective chemical addition program and is an integral part of a water reclamation facilities operation.
- C. Technical support shall include:
 - 1. A technical specialist with documentation to support qualifications
 - 2. Training as requested for:
 - a. Intensified services during start-up or
 - b. Application abnormalities
 - c. Laboratory support
 - 3. Regular service on a periodic basis (minimum of 2 hours per month or as requested by facilities superintendents)
 - 4. Provide twenty-four hour, seven days per week emergency response to facility as requested by facility superintendent

- D. The purpose of technical support is to accomplish the following:
 - 1. Assure effective implementation of the product supplied
 - 2. Assure that potential chemical related problems can be recognized and corrected before they affect the facilities or processes.
 - 3. Provide a regular service visit by a technical specialist that will:
 - a. Review daily process control records.
 - b. Discuss in depth any operating related questions or problems since the last service call.
 - c. Inspect any chemical feed equipment used in the application of the specified chemicals.
 - d. Check inventory of product and perform calculations to determine if product is meeting specified requirements.
 - e. Submit a written report on observations and make recommendations to facilities superintendents once every two months or as request by facility superintendent.
 - f. Meet with facility superintendents as requested to review performance of product.
 - 4. To keep facilities superintendents informed and to identify any areas of improvement technical support personnel will meet once every two (2) months with superintendents. The meetings will review results, service, control, and identify areas where additional improvements can be made. The topics will include:
 - a. A review of all service visits to the plant by service personnel during the last two months
 - b. A review of operating data
 - c. How the application for product can be improved
 - d. The latest and most advanced techniques and technology related to the product supplied and make recommendations.

III. START-UP SERVICE REQUIREMENTS

- A. Training seminars shall be held at each location for operations and maintenance personnel in the application and control of product. The seminars will cover:
 - 1. Product chemistry
 - 2. Application and control methods
 - 3. Testing procedures
 - 4. Safe handling of product; material safety data sheet (MSDS)
 - 5. Troubleshooting
 - 6. Maintenance of chemical feed equipment
- B. Training seminars shall be conducted once per year or as requested by facility superintendents. Seminars will be scheduled to include all employees on their respective shift or as requested by facility superintendent.
- C. A support technician shall be available for as long as necessary during initial start-up to ensure that an efficient and cost effective application of material is achieved. A support technician shall be available for consultation or onsite visits as requested by facility superintendent to:
 - 1. Assure that the specified product is properly handled and fed
 - 2. Train personnel to perform control tests, interpret data, and make necessary adjustments
 - 3. Explain recent advances in technology or improvements in the industry
 - 4. Discuss areas that may require additional attention
 - 5. Discuss plans for the upcoming quarter.
 - 6. Provide additional services are requested
 - 7. Provide on-site technical assistance within 24 hours from notification.
- D. If vendors' product is incompatible with the existing product, the vendor shall be required to remove and properly dispose of existing product and to clean out bulk storage tanks prior to the first delivery of polymer at the vendors' expense.

IV. SUPPORT, SERVICE, AND EQUIPMENT REQUIREMENTS

The plant superintendent has the sole discretion to determine whether or not the Technical Support/Start-up Program is being administered adequately and whether the product and equipment is performing as specified.

V. GUIDELINES WHILE PERFORMING TRIALS

The intent of this guideline is to assure the integrity of the performance trials. If, in the opinion of the facility superintendent, a vendor violates the guidelines as described below during a performance trial, the vendor shall be disqualified as a participant and excluded from bid. The requirements of the guidelines are as follows:

- A. A vendor that threatens, bullies, provokes, verbally attacks, shows hostility, demeans, or displays any other negative attitude toward Cobb County, Cobb County employees, or another vendor shall be instructed to leave that facility and shall be excluded from bidding. The vendor's home office will be contacted for equipment and product removal. Threats or violence will not be tolerated in any form.
- B. The vendor must submit a copy of the method used for determining the active solids by the vendor's laboratory prior to running performance trial to ensure that the same

- C. Samples for analyses shall be taken from each unit of individually packaged containers as presented for use while performing trial. A chain of custody protocol shall be followed.
- D. A copy of the M. S. D. S. of the product supplied shall be provided prior to running performance trial with product supplied.
- E. Vendor will be restricted to verbal instruction to operation staff. Vendor is strictly prohibited from any physical contact with product or equipment during the actual performance trial.
- F. Vendor must verbally instruct operations staff of any suggested changes during the pre-trial set-up. During performance trial the operations staff will operate equipment under normal operating conditions.
- G. Vendor must coordinate all activity throughout performance testing and trial with the facility superintendent or designated assistant.
- H. A plant operator assigned to a performance trial will consider recommendation of the vendor provided the instruction is legal, ethical, and will not adversely affect staff, equipment, or operations.
- I. Operations staff will notify and coordinate activities with the vendor necessary to prevent a failure or potential problem in operating equipment.
- J. Once the trial data tracking begins, only one vendor representative may remain at or around the Solids Handling facility.

VI. SPECIFIC REQUIREMENTS

The specific requirements for the four Water Reclamation Facilities are in addition to the stated requirements. Specific requirements for one facility may not apply to another facility. However, unless a requirement is specific to a facility, all requirements shall apply collectively. **All Performance Trails for each facility must be completed by the end of business day on July 17, 2009.**

**SPECIFICATIONS FOR SUPPLYING POLYMER
TO THE NOONDAY CREEK W. R. F. FOR
DEWATERING MUNICIPAL WASTEWATER SLUDGE**

Noonday Creek W. R. F.
(Use Bid Proposal Form A-1)

Suppliers of chemicals for dewatering of municipal wastewater sludge are invited to perform field-testing and submit proposals supplying polymer for the Noonday Creek Water Reclamation Facility.

Suppliers will be required to perform on-site testing of the polymer utilizing Alfa-Laval Centrifuges, existing polymer equipment, and appurtenant sludge feed system. Suppliers shall provide chemicals and personnel to assist plant operators during the test period. The plant superintendent or his designated assistant shall be present during all performance testing. Plant personnel will perform laboratory analyses. Each bidder may inspect the plant and will be allowed to sample and bench test to determine which two products to bid.

Manic is excluded from this facility.

The material will be used on a routine basis to improve the dewaterability of primary and waste activated sludge; ratios may range from 70/30 to 30/70.

POLYMER GUIDELINES

1. Linear high solids emulsion/dispersion products
2. Supply own equipment for testing and permanent installation
3. Neat polymer shelf life - minimum six months
4. Dilute polymer shelf life - minimum 24 hours
5. Must be effective over a pH range of 5.5 - 10.0
6. Must be able to withstand high pH and high temperatures

The material shall be delivered by common carrier in quantities sufficient to supply facility for approximately three months for emulsion products and an equivalent amount as specified by superintendents or designated assistant for dry. The price quoted shall be on the net active pound f.o.b., to the Noonday Creek Water Reclamation Facility.

Operating characteristics are as follows:

PERFORMANCE GUIDELINES

1. Dewatered Solids - Minimum Average of 27% Cake
2. Recovery - Greater than or Equal to 95%
3. Feed Solids Range of 1 - 6%
4. Polymer dosage less than 20 lbs. per ton
5. Feed rate of 150 gallons per minute @ 3% feed solids

PERFORMANCE TESTING

Suppliers shall arrange a bench scale testing date with Plant Superintendent or his designate at 770-591-3165. During test runs only one supplier representative will be permitted on site. Only two polymers from each supplier will be tested under full-scale operation. Supplier will be given two (2) hours to setup, fine tune and run their designated products prior to the start of each test run. Suppliers shall be permitted two (2) six (6) hour test runs on any one centrifuge to establish their product. During all test periods samples will be taken and laboratory tests performed by plant staff as needed to monitor process conditions and the capability of the polymer. Performance will be interpreted by averaging multiple samples during the two test runs. The plant staff will determine any plant equipment used and samples collected at the beginning of the trial period in order that the best performing polymer can be determined. Reasonable effort, as far as practical, will be given to insure that each polymer is tested under similar circumstances.

Upon notification, any testing in progress, which, in the opinion of the plant superintendent or his designated assistant, may jeopardize plant operations, shall be immediately terminated. Testing may resume when deemed acceptable by the plant superintendent or his designated assistant, depending on testing time available. Any supplier who, in the opinion of the plant superintendent or his designated assistant, demonstrates incompetence or repeated inability to meet the operating characteristics above shall, upon notification, cease all testing and remove their equipment from the site. These requirements are for the sole purpose of prevention of interruption of plant operations.

All suppliers will be responsible for the removal of all drums and other miscellaneous equipment brought onto the test site.

Vendor installed equipment utilized during testing to running their product must remain on site and if vendor product is selected, be permanently installed by vendor at no additional cost to the facility. Permanent installation of equipment and its location will be at the discretion of the plant superintendent.

PERFORMANCE REQUIREMENT

The supplier shall provide chemicals and services at a price not to exceed that quoted and to guarantee that such chemicals will, on an average weekly basis, yield a dewatered sludge in conformity with the above stated operating characteristics. Should the chemicals fed at the proposed rate fail to achieve the stated results specified, the vendor shall provide chemicals in quantities or equipment necessary to produce a dewatered sludge in conformity with the operating characteristics, at a cost not to exceed that quoted in the proposal or lose their position as sole supplier under the terms of this agreement. Maximum allowable failure to perform and immediate forfeiture is 60 days based on a running average. The supplier will be notified within 14 days of non-compliance. The 14 days will be included in the 60-day forfeiture of contract. All special handling equipment and cleaning of existing equipment will be the responsibility of the supplier, because of the products failure to perform.

**SPECIFICATIONS FOR SUPPLYING POLYMER
TO THE NORTHWEST COBB W. R. F. FOR
DEWATERING MUNICIPAL WASTEWATER SLUDGE**

Northwest Cobb W. R. F.
(Use Bid Proposal Form A-2)

Suppliers of chemicals for dewatering of municipal wastewater sludge's are invited to perform field test and submit proposals for supplying polymer for Northwest Cobb Water Reclamation Facility. Each bidder may inspect the plant and will be provided samples and bench space to determine their best product to propose. Suppliers interested should arrange testing dates with Operations Supervisor or Plant Superintendent at 770-917-5194 within (10) working days.

Suppliers must be manufacturers of their products. Suppliers will be required to perform on site-scale testing of their polymer utilizing one of the Ashbrook belt filter presses and one of the Moyo make-up systems or a make-up system furnished and setup by the supplier as approved by the superintendent.

If additional equipment is used during the trial period, it shall be supplied and maintained through out the contract by the supplier; at no additional cost.

Cobb County will provide water, electrical service, and personnel to operate the dewatering equipment. Suppliers shall provide all chemicals for field-testing their product. A representative of the Northwest Cobb Water Reclamation Facility shall be present during all testing. Plant personnel shall perform laboratory analyses.

The materials called for in this invitation for proposal will be used on a routine basis to improve the dewatering of a blended primary and waste sludge for a final cake product suitable for composting or landfill. This material shall be acceptable for the intended use and shall conform to the following criteria:

POLYMER SPECIFICATIONS

Miscibility:	100% Miscible With Water
Material:	Cationic or Anionic Emulsion Polymer
Physical Form:	Liquid
Stability:	Shelf like of six (6) months in neat form, not affected by ambient temperature experienced in Cobb County, Georgia.
Viscosity:	Must be suitable for use with metering pumps
Dilute polymer shelf life of (72) hours.	

The operating characteristics of the Ashbrook belt filter presses are as follows:

Feed Rate:	80 GPM to 250 GPM
Feed Concentration:	1% to 3.5%
Cake Concentration:	18% to 22% - 19% Avg.
Solids Capture:	92%
pH Range:	6.0 to 8.5

Suppliers shall arrange site inspection at the earliest possible date and will be taken by appointment only. The scale trials will consist of two (2) days of operation; one day to establish their product under scale conditions and the second day's performance will be interpreted as the qualifying run. During both days of scale testing, samples will be taken and solids analyses run on a regular basis to monitor process conditions and the ability of the polymer. The performance will be interpreted by averaging the test results and polymer consumption during the run. Scale trials will run weekdays, from 8:00 a.m. to 2:00 p.m. Only one polymer from each supplier will be tested under full-scale operation. To qualify to bid each supplier must meet minimum performance parameters of at least 19% cake solids and a 92% capture rate.

All suppliers will be responsible for the removal of all drums and other miscellaneous equipment brought into the test site.

Upon notification, any testing in progress, which, in the opinion of the plant superintendent or his designated assistant, may jeopardize plant operations, shall be immediately terminated. Testing may resume at such time as deemed acceptable by the plant superintendent or his designated assistant.

Performance sludge feed rates and polymer feed rates must be indicated on bid form. A total cost of chemical required per ton of dewatered solids. The price quoted shall be on the net pound of product, F.O.B. to the Northwest Cobb Water Reclamation Facility. This figure shall be a guaranteed cost of chemicals, delivered to the site. The material shall be delivered in tote bins within 7 days of being requested.

In the event that two supplier's products are considered equal by cost or performance, they may be required to return and repeat the trial. The selected supplier shall enter into an agreement with Cobb County to provide chemicals at a price not to exceed that quoted. The supplier shall guarantee that such chemical will, on an average weekly basis, yield a dewatered sludge in conformity with the above stated operating characteristics, at a cost not to exceed that quoted in the their proposal. Should the chemicals fed at the proposed rates fail to achieve the stated results on a sludge similar to that field tested, the supplier shall provide a dewatered sludge in conformity with the operating characteristics, at a cost not to exceed that quoted.

**SPECIFICATIONS FOR SUPPLYING POLYMER
TO R. L. SUTTON W. R. F. FOR
DEWATERING MUNICIPAL WASTEWATER SLUDGE**

R. L. Sutton W. R. F.
(Use Bid Proposal Form A-3)

Suppliers of chemicals for dewatering of municipal wastewater sludge are invited to perform field testing and submit proposals with cost analysis including net active pound f.o.b. for supplying polymer for the R.L. Sutton Water Reclamation Facility.

Suppliers will be required to perform on-site testing of the polymer utilizing the existing centrifuges and appurtenant sludge feed system. Suppliers shall provide chemicals, equipment needed, and personnel to assist plant operators during the test period. The plant superintendent or his designated assistant shall be present during all performance testing. Plant personnel will perform laboratory analyses. Each bidder may inspect the plant and will be provided sampling and bench space to determine which liquid polymer product that the supplier wants to test.

The material will be used on a routine basis to improve the dewatering of primary and waste activated sludge. Percent ratios may range from 70/30 to 30/70.

POLYMER SPECIFICATIONS

1. Polymer will be a liquid product.
2. Product shall not adversely affect unit processes, equipment, employee health or safety, or the environment.
3. Product shall not adversely effect the operation of the incineration process.
4. Neat polymer shelf life - minimum 6 weeks
5. Dilute polymer shelf life - minimum 24 hours.
6. Must be effective over a pH range of 5.0 - 10.0
7. Must utilize plant reuse water for water source.

The plant superintendent will make final decision as to whether the above stated parameters are met.

PRODUCT DELIVERY SPECIFICATIONS

The material shall be delivered by tank truck in quantities between 4000 to 5000 gallons as specified by superintendents or his designated assistant. Orders shall be delivered not more than forty-eight hours after receipt of the order unless directed by the superintendent or his designated assistant. All equipment necessary for the transfer of product to the storage equipment shall be the responsibility of the supplier or their representative. Cleanup and disposal of any spilled product during transfer shall be the responsibility of the supplier or their representative. The price quoted shall be on the net active pound f.o.b., delivered to Robert L. Sutton Water Reclamation Facility.

TARGET PERFORMANCE SPECIFICATIONS

1. Dewatered Solids - Average 27% Cake Solids
2. Capture Rate - 95% or greater

TESTING

Suppliers shall arrange a bench scale testing date with plant superintendent or his designated assistant at 404-609-6050. Testing times will be scheduled on a first come, first serve basis. Tests will be conducted Monday – Friday during regular business hours unless authorized by the plant superintendent or his designated assistant. Only one liquid polymer product from each supplier will be tested under full-scale operation. Suppliers shall be permitted up to two (2) twenty-four (24) hour test runs on one centrifuge to establish their product. During all test periods samples will be taken and laboratory tests performed by plant staff as needed to monitor process conditions and the capability of the polymer. The plant superintendent or his designated assistant will interpret performance. The plant staff will determine the plant equipment used and samples collected prior to the trial period. Reasonable effort, as far as practical, will be given to insure that each polymer is tested under similar circumstances.

A written detailed method for testing the product for quality control must be provided in advance. It must include the name of the product to be tested, an MSDS of the product and a copy of a testing procedure used by supplier. These must accompany the product used for performance testing.

Upon notification, any testing in progress, which, in the opinion of the plant superintendent or his designated assistant, may jeopardize plant operations, shall be terminated immediately. Testing may resume when deemed acceptable by the plant superintendent or his designated assistant, depending on testing time available. Any supplier who, in the opinion of the plant superintendent or his designated assistant, demonstrates incompetence or repeated inability to meet the operating characteristics above shall, upon notification, cease all testing and remove their equipment from the site.

All suppliers will be responsible for the removal of all drums and other miscellaneous equipment brought onto the test site.

EQUIPMENT

Equipment installed by vendor and utilized during testing for running or optimizing their product must remain on site. If vendor is selected, equipment must be properly sized for application and installed at no additional cost to the facility. Permanent installation of equipment and its location will be at the discretion of the plant superintendent or his representative. The equipment must accommodate the minimum feed rate of one centrifuge and the maximum feed rate of three centrifuges collectively as determined by plant superintendent. Permanent installation of equipment must take place within a reasonable amount of time as designated by the plant superintendent or his representative.

PERFORMANCE REQUIREMENT

The vendor shall provide chemicals and services at a price not to exceed that quoted in their bid proposal form. Vendor will also guarantee that their product will yield a dewatered sludge on an average weekly basis in conformity with the stated operating characteristics contained in their bid proposal. Should the product fail to achieve performance requirement, the supplier shall provide product in quantities necessary to produce a dewatered sludge in conformity with the operating characteristics at a cost not to exceed that quoted in their proposal or lose their position as sole supplier under the terms of this agreement. This will be at the discretion of the plant superintendent as to whether or not the product is performing as specified.

**SPECIFICATIONS FOR SUPPLYING POLYMER
TO SOUTH COBB W. R. F. FOR
DEWATERING MUNICIPAL WASTEWATER SLUDGE**

South Cobb W. R. F.
(Use Bid Proposal Form A-4)

Suppliers of chemicals for dewatering of municipal wastewater sludge are hereby invited to perform field-testing and submit proposals with cost analysis including net active pound f.o.b. for supplying polymer for the South Cobb Water Reclamation Facility.

Suppliers shall be a major manufacturer of polymer. No duplicate representation of a polymer manufacturer or product will be permitted at this facility.

Suppliers will be required to perform on-site testing of the polymer utilizing the existing belt presses, and the dissolved air flotation thickener (DAFT) and appurtenant sludge feed systems. Suppliers shall provide chemicals and personnel to assist plant operators during the test period. The plant superintendent or his designated assistant shall be present during all performance testing. Plant personnel will perform laboratory analyses. Each bidder may inspect the plant and will be provided sampling and bench space to determine which one product to bid for the belt presses and one product for the DAFT.

The material called for in this Invitation for proposal will be used on a routine basis to improve the dewatering of primary and waste activated sludge; ratios may range from 70/30 to 30/70.

POLYMER SPECIFICATIONS

1. Polymer may be either liquid and/or dry form.
2. Must not adversely effect unit processes, equipment, employee safety, or the environment as determined by the plant superintendent or his designated assistant.
3. Neat polymer shelf life - minimum 6 months
4. Dilute polymer shelf life - minimum 24 hours
5. Must be effective over a pH range of 5.0 - 10.0

The material shall be delivered by tank truck in quantities between 4000 to 5000 gallons for liquid products and an equivalent amount as specified by superintendents or designated assistant for dry. The price quoted shall be on the net active pound f.o.b., South Cobb Water Reclamation Facility.

TARGET PERFORMANCE SPECIFICATIONS

Belt Presses
Dewatered Solids - Average 21%
Recovery - 90%

DAFT
Float Solids – 4%
Recovery – 90%

TESTING

Suppliers shall arrange a bench scale testing date with facility superintendent or designated assistant at 770-819-3204. Only one polymer from each supplier will be tested under scale dewatering operation and one for DAFT operations. Suppliers shall be permitted one (1) test run of six (6) hours on one belt press and one (1) test run of six (6) hours on one DAFT to establish their product. During all test periods samples will be taken and laboratory tests performed by plant staff as needed to monitor process conditions and the capability of the polymer. The plant superintendent or his designated assistant will interpret performance. The plant staff will determine the plant equipment used and samples collected prior to the trial period. Reasonable effort, as far as practical, will be given to insure that each polymer is tested under similar circumstances.

A detailed method for testing the product for quality control must be provided with the products to be tested and a copy of a test ran by the supplier must accompany the product used for performance testing.

Upon notification, any testing in progress which, in the opinion of the plant superintendent or his designated assistant that needs to be halted for any reason shall be immediately terminated. Testing may resume at such time as deemed acceptable by the plant superintendent or his designated assistant, depending on testing time available. Any supplier who, in the opinion of the plant superintendent or his designated assistant, demonstrates incompetence or repeated inability to meet the operating characteristics above shall, upon notification, cease all testing and remove their equipment from the site.

All suppliers will be responsible for the removal of all drums and other miscellaneous equipment brought onto the test site.

Once the bid has been awarded to a vendor, any equipment installed by vendor during testing to enhance their products performance shall remain on site until permanent replacement equipment is installed to accommodate the maximum feed rate of three belt presses at 640 gallons per minute and a minimum feed rate of 80 gallons per minute continuously. The DAFT polymer system shall be capable of feeding polymer to two (2) DAFTS run continuously. Permanent installation of any equipment and its location will be at the discretion of the plant superintendent or his representative.

PERFORMANCE REQUIREMENT

The supplier shall provide chemicals and services at a price not to exceed that quoted and to guarantee that such chemicals yield, on an average weekly basis, a total cost in conformity with the stated operating characteristics contained in the bid proposal. Should the chemicals fed at the proposed rate fail to achieve the stated results specified herein, the supplier shall provide chemicals in quantities or equipment necessary to produce a sludge in conformity with the operating characteristics, at a cost not to exceed that quoted in the proposal or lose their position as sole supplier under the terms of this agreement. All special handling equipment, cleaning of existing equipment and spill cleaning will be the responsibility of the supplier, because of products or systems failure to perform.

VII. POLYMER FEED EQUIPMENT PROPOSALS

In addition to the bid request for supplying polymer to the Water Reclamation Facilities the following locations are requesting proposals for polymer feed equipment:

- A. South Cobb Water Reclamation Facility
490 Lee Industrial Boulevard
Austell, Georgia 300

The vendor shall design, fabricate, deliver, and install a complete polymer feed system for each location identified above. Design, fabrication, freight, time, materials, mileage, labor, and per diem, must be included in proposal. This equipment bid proposal is all-inclusive. Additional materials, parts, labor, or miscellaneous items excluded in a proposal and determined to be necessary by facility superintendent to complete a fully functional system shall be added at the vendors' expense.

Vendors shall meet with the facility superintendent to develop their proposal to ensure that equipment meets the specific needs of that facility.

Complete polymer feed systems shall include but not be limited to: pumps (prefer self priming), motors, drives, control panels, flow meters, calibration chambers, tanks, agitators, anti-siphoning valves, back-flow preventers, level sensors and controls, piping, isolation valves, audible and visual alarms, and means to back flush systems.

Polymer feed system shall be fully automated.

The Cobb County Water System requests that the vendor integrate the following instrumentation into their design:

1. Siemens S7 PLC – 200 series with Analog and Digital control and monitor capabilities along with an Ethernet connection.
2. Electronic Copy of final PLC program complete with comments and programming cable
Siemens WinCC HMI
3. Electronic Copy of final HMI project
4. Panel Interface – Siemens TP170 Color Panel

The analog and digital control capabilities and Ethernet connection will allow us to integrate the polymer feed systems into our existing SCADA. If the vendor is unable to provide the instrumentation as requested, every effort shall be made to provide instrumentation that will integrate with or provide an alternate functional method to convert or otherwise integrate polymer feed equipment, monitoring, and control into our existing SCADA.

Each polymer feed system shall include two operation and maintenance manuals. Manuals for drives and other components shall also be provided.

Proprietary software or hardware use is discouraged. However, if the vendor provides proprietary equipment, they shall also provide manuals, software, and test equipment necessary to maintain said equipment.

The vendor shall be required to prove the system reliability and capability to perform its intended purpose prior to acceptance. The polymer equipment must operate at and produce results equal to or better than the current operating characteristics. Acceptance of polymer feed system by the facility shall be at the discretion of the facility superintendent. Once equipment is accepted, the facility superintendent will authorized payment to vendor.

The vendor shall provide a one-year warranty for parts and labor to begin on the date of acceptance by the facility superintendent. Equipment repairs or replacement shall be within 48 hours of notice from facility.

A. SPECIFICATIONS FOR SOUTH COBB POLYMER EQUIPMENT

(Use Bid Proposal Form B-3)

South Cobb Water Reclamation Facility is requesting a proposal for a complete polymer feed system. The vendor shall be responsible for the design, fabrication, delivery, and installation of a polymer feed system designed to supply polymers at a minimum and maximum feed rate as required to meet the dewatering minimum feed rate of sludge introduced to produce a dewatered sludge.

1. The polymer (chemical) feed system shall be a fully automated system.
2. Drums shall not be permitted as polymer containers for the permanent systems.
3. Superintendent must approve equipment and proposed installation.
4. Automated make up and feed system.
5. Pumps shall have draw-down tubes for calibration.
6. Four new feed pumps (minimum) completely controllable locally and at presses. Shall be capable of feeding three (3) presses continuously at full capacity.
7. Three new feed pumps for the DAFT controllable locally. Capable of feeding two DAFTS at full capacity.
8. Audible alarms that can be heard throughout the dewatering facility. Alarms shall be for both feed systems and storage units.
9. Automated polymer usage tracking.
10. Storage containers adequate for three (3) weeks capacity.
11. Minimal operations and labor requirements.
12. All equipment necessary to fully and properly store, make up and properly feed polymer to the press and DAFT systems.

BID FORM A-1
POLYMER
NOONDAY CREEK W. R. F.

Contact Persons:

Chemical Engineer: _____
Telephone: _____
Email: _____
Technical Support: _____
Telephone: _____
Email: _____
Billing/Invoicing: _____
Telephone: _____
Email: _____
To Place Order: _____
Telephone: _____
Email: _____

Product Information

Manufacturer's Product Designation: _____
Percent (%) Active Solids: _____ Specific Gravity of Product: _____
Percent (%) Total Solids: _____ Product Viscosity (Neat Form) _____ cp.
Diluted Active Form _____ cp. at solution concentration of _____ % as tested by this method: _____

Performance parameters and test results

Sludge feed rate: _____ gpm. Feed solids: _____ %. Cake solids: _____%.
Centrate/filtrate solids: _____%. Capture/recovery: _____%.
Dose rate as determined by performance trial: _____ pounds of polymer per dry ton of sludge
Estimated quantity of polymer per year approximately _____ gallons (if applies)
Estimated quantity of polymer per year approximately _____ pounds

Unit cost per pound neat polymer as delivered: \$ _____
Unit cost per active pound neat polymer as delivered: \$ _____
Estimated dry tons sludge produced per year: _____
Estimated pounds of polymer per dry ton of sludge: _____
Estimated total cost of polymer per year: \$ _____

Company

Authorized Representative

Signature

Date

BID FORM A-2
POLYMER
NORTHWEST COBB W. R. F.

Contact Persons:

Chemical Engineer: _____
Telephone: _____
Email: _____
Technical Support: _____
Telephone: _____
Email: _____
Billing/Invoicing: _____
Telephone: _____
Email: _____
To Place Order: _____
Telephone: _____
Email: _____

Product Information

Manufacturer's Product Designation: _____
Percent (%) Active Solids: _____ Specific Gravity of Product: _____
Percent (%) Total Solids: _____ Product Viscosity (Neat Form) _____ cp.
Diluted Active Form _____ cp. at solution concentration of _____ % as tested by this method: _____

Performance parameters and test results

Sludge feed rate: _____ gpm. Feed solids: _____ %. Cake solids: _____ %.
Centrate/filtrate solids: _____ %. Capture/recovery: _____ %.
Dose rate as determined by performance trial: _____ pounds of polymer per dry ton of sludge
Estimated quantity of polymer per year approximately _____ gallons (if applies)
Estimated quantity of polymer per year approximately _____ pounds

Unit cost per pound neat polymer as delivered: \$ _____
Unit cost per active pound neat polymer as delivered: \$ _____
Estimated dry tons sludge produced per year: _____
Estimated pounds of polymer per dry ton of sludge: _____
Estimated total cost of polymer per year: \$ _____

Company

Authorized Representative

Signature

BID FORM A-3
POLYMER
R. L. SUTTON W. R. F.

Contact Persons:

Chemical Engineer: _____
Telephone: _____
Email: _____
Technical Support: _____
Telephone: _____
Email: _____
Billing/Invoicing: _____
Telephone: _____
Email: _____
To Place Order: _____
Telephone: _____
Email: _____

Product Information

Manufacturer's Product Designation: _____
Percent (%) Active Solids: _____ Specific Gravity of Product: _____
Percent (%) Total Solids: _____ Product Viscosity (Neat Form) _____ cp.
Diluted Active Form _____ cp. at solution concentration of _____ % as tested by this method: _____

Performance parameters and test results

Sludge feed rate: _____ gpm. Feed solids: _____ %. Cake solids: _____%.
Centrate/filtrate solids: _____%. Capture/recovery: _____%.
Dose rate as determined by performance trial: _____ pounds of polymer per dry ton of sludge
Estimated quantity of polymer per year approximately _____ gallons (if applies)
Estimated quantity of polymer per year approximately _____ pounds

Unit cost per pound neat polymer as delivered: \$ _____
Unit cost per active pound neat polymer as delivered: \$ _____
Estimated dry tons sludge produced per year: _____
Estimated pounds of polymer per dry ton of sludge: _____
Estimated total cost of polymer per year: \$ _____

Company

Authorized Representative

Signature

Date

BID FORM A-4
POLYMER
SOUTH COBB W. R. F.

Contact Persons:

Chemical Engineer: _____
Telephone: _____
Email: _____
Technical Support: _____
Telephone: _____
Email: _____
Billing/Invoicing: _____
Telephone: _____
Email: _____
To Place Order: _____
Telephone: _____
Email: _____

Product Information

Manufacturer's Product Designation: _____
Percent (%) Active Solids: _____ Specific Gravity of Product: _____
Percent (%) Total Solids: _____ Product Viscosity (Neat Form) _____ cp.
Diluted Active Form _____ cp. at solution concentration of _____ % as tested by this method: _____

Performance parameters and test results

Sludge feed rate: _____ gpm. Feed solids: _____ %. Cake solids: _____ %.
Centrate/filtrate solids: _____ %. Capture/recovery: _____ %.
Dose rate as determined by performance trial: _____ pounds of polymer per dry ton of sludge
Estimated quantity of polymer per year approximately _____ gallons (if applies)
Estimated quantity of polymer per year approximately _____ pounds

Unit cost per pound neat polymer as delivered: \$ _____
Unit cost per active pound neat polymer as delivered: \$ _____
Estimated dry tons sludge produced per year: _____
Estimated pounds of polymer per dry ton of sludge: _____
Estimated total cost of polymer per year: \$ _____

Company

Authorized Representative

Signature

Date

BID FORM B-1
POLYMER EQUIPMENT
SOUTH COBB W. R. F.

Contact Persons:

Design Engineer: _____
Telephone: _____
Email: _____

Technical Support: _____
Telephone: _____
Email: _____

Service: _____
Telephone: _____
Email: _____

Replacement Parts: _____
Telephone: _____
Email: _____

Equipment Manufacturer: _____
Manufacturers Equipment Designation: _____

Cost of equipment as designed, built, delivered, and installed, including one (1) year warranty for parts and labor: \$ _____.

Estimated dry tons dewatered per year: _____
Estimated pounds of polymer used per year: _____

Estimated equipment cost per pound of polymer: \$ _____

Original invoices from equipment manufacturer and vendor shall be provided with a statement from facility superintendent accepting equipment before payment will be processed.

Company

Authorized Representative

Signature

Date