



TROY UNIVERSITY

PURCHASING DEPARTMENT
100 UNIVERSITY PARK
TROY, AL 36082
334-670-3946

NOTICE TO VENDORS – REQUEST FOR BIDS # 23-016

Chemistry & Physics -Gas Mass Flow Controller

SPECIFICATIONS ON ATTACHED SHEETS

SEALED BIDS WILL BE ACCEPTED IN THE **PURCHASING DEPARTMENT BUILDING**
AND THEN BE PUBLICLY OPENED AND READ AT THE FOLLOWING DATE & TIME:

DAY: Thursday
DATE: January 19, 2023
TIME: 2:00 PM CST

POSTED – 12-15-22 (Vuc)

REMOVED -

NOTE: Alabama Law (Section 41-4-116, Code of Alabama 1975) provides that every bid submitted and contract executed shall contain a certification that the vendor, contractor, and all of its affiliates that make sales for delivery into Alabama or leases for use in Alabama are registered, collecting, and remitting Alabama State and local sales, use and/or lease tax on all taxable sales and leases into Alabama. By submitting this bid, the bidder is hereby certifying that they are in full compliance with Act No. 2006-557, they are not barred from bidding or entering into a contract pursuant to 41-4-116, and acknowledges that the awarding authority may declare the contract void if the certification is false.

CANCELLATION FOR LACK OF FUNDING: This contract may be cancelled without any further obligation on the part of TROY University in the event that funds are not appropriated or sufficient funding is unavailable to assure full performance of terms.



TROY UNIVERSITY

Sealed bids will be accepted on the goods and/or services described within this document - until the time and date provided below when responses will be publicly opened and read. TROY UNIVERSITY reserves the right to reject any and all bids and be the sole judge of quality versus cost. All quotes must be F.O.B. TROY UNIVERSITY (TO SPECIFIED LOCATION).

QUOTE ON THE ITEM(S) LISTED ON THE ATTACHED PAGE(S). NO EMAILED OR FAXED BIDS WILL BE ACCEPTED. TROY UNIVERSITY DOES NOT PRE-PAY BID ITEMS.

FILL IN THE FOLLOWING INFORMATION AND RETURN WITH BID:

- **SIGN AND RETURN THIS FORM WITH YOUR BID**
- **THE OUTSIDE OF THE ENVELOPE SHOULD STATE BID #, TIME, AND OPENING DATE**

TROY UNIVERSITY BID # 23-016 Chemistry & Physics -Gas Mass Flow Controller

Day: Thursday

Date: January 19, 2023

Time: 2:00 P.M. CST

SUBMIT SEALED BIDS TO: Troy University Purchasing Department, **Attn:** Vanessa Maulden
100 University Park Troy, AL 36082 334-670-3946

VENDOR INFORMATION: ALL ITEMS MUST BE LEGIBLE.

COMPANY NAME _____

ADDRESS _____

PHONE _____

SIGNATURE _____ DATE _____

PRINT NAME _____

EMAIL ADDRESS (REQUIRED) _____

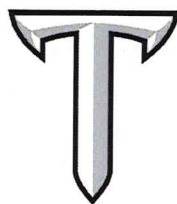
SHORTEST ESTIMATED SHIPPING TIME FOLLOWING INTENT TO AWARD: _____

NOTE THE FOLLOWING ITEMS:

Alabama Law (Section 41-4-116, Code of Alabama 1975) provides that every bid submitted and contract executed shall contain a certification that the vendor, contractor, and all of its affiliates that make sales for delivery into Alabama or leases for use in Alabama are registered, collecting, and remitting Alabama State and local sales, use and/or lease tax on all taxable sales and leases into Alabama. By submitting this bid, the bidder is hereby certifying that they are in full compliance with Act No. 2006-557, they are not barred from bidding or entering into a contract pursuant to 41-4-116, and acknowledges that the awarding authority may declare the contract void if the certification is false.

CANCELLATION FOR LACK OF FUNDING: This contract may be cancelled without any further obligation on the part of TROY University in the event that funds are not appropriated or sufficient funding is unavailable to assure full performance of terms.

A list of terms and requirements follows. All applicable items on check list are required at the time of the bid opening.



Bid # 23-016 Gas Mass Flow Controller

Troy University is seeking proposals for a gas mass flow controller for controlled injection of gasses into a pressurized reactor, on behalf of our Chemistry & Physics Department. All proposals will be reviewed in terms of quality versus costs. Troy University reserves the right to accept or reject proposals in accordance with the Code of Alabama 1975, Title 41 Chapter 16. The University reserves the right to reject any and all bids and to waive all formalities if it is deemed in the best interest of the University to do so. This bid can be cancelled at any time if funding becomes unavailable. Please note, Troy University is tax exempt.

The awarded vendor is required to provide a performance bond for 10% of the contract amount (mandatory requirement). The awarded vendor will receive an authorized University purchase order following the receipt of the performance bond. No goods can be delivered and no work is to begin without an official Troy University purchase order. If a performance bond is not received, the bid will be rejected and awarded to the next lowest responsible bidder.

ALL BID RETURNS MUST HAVE THE BID NUMBER, TIME AND OPENING DATE CLEARLY MARKED ON THE OUTSIDE OF THE ENVELOPE. ANY BID RETURN NOT CLEARLY MARKED WILL NOT BE CONSIDERED.

NO EMAILED BIDS WILL BE ACCEPTED

The bid quote provided by your company should be valid for a minimum of 90 days from the date of the submission.

NOTE: Troy University will be closed from Monday, December 19, 2022 – Monday, January 2, 2023. Email replies will be delayed during this time.

Specifications

Purpose/use: Controlled injection of gasses, mostly CO₂ as supercritical fluid and/or ethylene as feed into a 500 mL high-pressure reactor operating at high-temperatures.

The instrument must meet the following minimum specifications:

- The instrument must be able to perform the injections of gases into a Buchiglass “Novoclave” Type 3/600 mL, 500 bar, 500 °C high-pressure reactor. This 500 mL metal reactor works at pressures as high as 500 bar and temperatures as high as 500 °C. However, pressures of around 250 bar and temperature of around 300 °C are more common and would be considered too.
- The inlet pressure should be in the range of 1 to 10 bar in which the feeding gas from a common high pressure gas cylinder with a regulator can be feed into the controller and then injected into the high-pressure reactor.
- The flow rate of the gas must be adjustable and it should preferably cover ranges from 1 mL/min to 1000 mL/min or higher. Other possible flow rate ranges would be considered too.
- The instrument should be able to display the working pressure and the flow rate via a LED display or by software using a PC.
- The instrument should preferably be able to provide report of the flow rate and injection pressure with time of the process.
- The cover plate of the high-pressure reactor is equipped with a ¼” HP valve DN3 with dip tube to be connected to the mass flow controller. The winner should provide the required sealed connections for attaching the gas mass flow controller to the reactor.
- The instrument must carry a minimum of a one-year warranty.
- The instrument should come with the proper installation manual. The awarded vendor should provide assistance with the installation via online meeting in case it is needed.
- The high-temperature reactor specifications, in which the mass flow controller should be able to connected to, are provided at the end of this bid for review.

Further information about the instrument requirements would be provided upon request.

We are providing these specs to ensure compatibility of the items.

Büchiglas USA Corp.
15 Michael Avenue
Farmingdale, NY, 11735

Phone: 631 912 2300
Fax: 631 393 2918
info@buchiglas-usa.com
www.buchiglas-usa.com



Qty.	Description	Price USD
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1 "Novoclave" Type 3 / 600ml, 500bar, 500°C

Dimensions and System Operating Conditions:

Approx. Width / Depth / Height	280 x 250 x 800mm
Min. / Max. Nominal Pressure	-1/+500bar
Min. / Max. Temperature	-10/+500°C (in heating jacket)

Agitator:

"Cyclone 075 dc" consisting of:

Integrated Motor:

- DC Drive: 100W
- Max. Continuous torque: 30Ncm
- Speed Controller "bcc": 0 - 3000rpm
- Display: Speed and torque
- Electrical Requirements: 110/230VAC, 50/60Hz



Magnetic coupling "bmd 075"

- Max. Torque: 75Ncm
- Max. Pressure: -1/+500bar
- Max. Temp. at inner magnet: 200°C
- Max. Speed: 3000rpm
- Connection thread: M36 x 1.5mm
- Seal type: O-ring
- Bearings: Slide Bearings: PTFE / Graphite

Vessel:

Metal stirrer vessel Type 3, 600ml

- Max. Pressure: -1/+500bar
- Max. Temperature: -10/+500°C In Jacket

Electric Heating

- Electrical heating power: 2.0kW
- Electrical requirements: 2phase x 208V, 60Hz
- Vessel sits inside the electrical heating
- Electrical heating is insulated with stainless steel jacket
- Integrated cooling coil in insulation for tap water or cooling fluid
- Includes solenoid valve for tap water

Temperature Controller:

PID Temperature controller "btc"

- LED Display, Interactive multi display (LED)
- Under and over temperature alarm functions
- Over-temperature safety circuit, setting through display
- RS 232 interface
- Integrated program timer for 6 profiles with 60 program steps

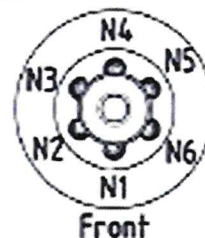


Qty.	Description	Price USD
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Cover Plate:

Cover plate with welded on cooling shaft for magnetic coupling, and 6 openings:

- N1: ¼" HP with valve DN3 with dip tube (MFC)
- N2: ¼" HP with valve DN3 with dip tube (Pump)
- N3: ¼" HP with P1100 with 3m cable, Lemo plug
- N4: ¼" HP with bursting disc, 500bar (Tol. +/-10%)
- N5: ¼" HP with 2-way manifold:
valve DN3, gas outlet
pressure gauge, 0/+600bar
- N6: ¼" HP with sampling system
- Cooling for magnetic coupling: 2x ¼" Swagelok®



Sampling system complete

- Dip tube with sinter filter 7 µm
- 3 needle valves
- Sample cylinder 5ml
- Swagelok T – piece for flushing
- Connection to cover plate included

Stand/Lift:

The heating / cooling unit serves as a base for the reactor

Accessories

- 1 Solid stirrer shaft, Ø8mm
- 1 Propeller stirrer
- Spare parts
- Maintenance tools (including uniquely designed bolt fastening tool)

Material:

All product touched parts (liquid & gas phase) are made of:

- Stainless Steel 316 / 316L
- Seals made of Viton®, Silver, Nickel
- Except where explicitly mentioned

Documents:

- Manual
- Drawings with parts list and CE declaration of conformity

Approval:

- Designed, manufactured, and tested according to PED, AD 2000



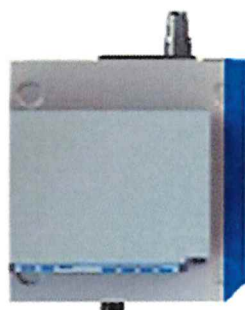
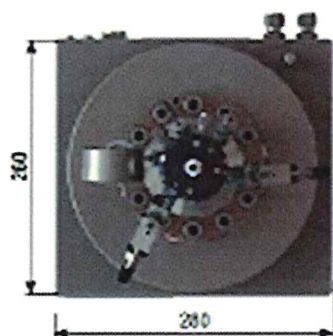
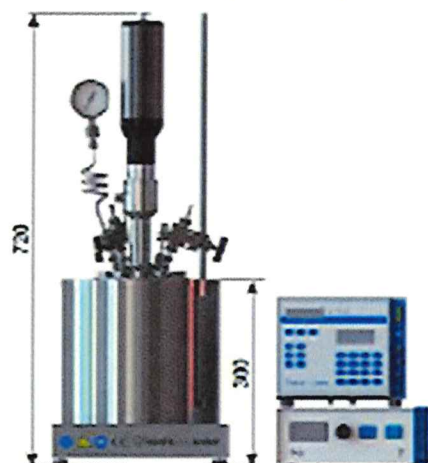
Buchiglas USA Corp.
15 Michael Avenue
Farmingdale, NY, 11735

Phone 631 912 2300
Fax 631 393 2918
info@buchiglas-usa.com
www.buchiglas-usa.com



Dimensions:

Note: The quoted system may look slightly different than the pictures below.



Weight ca. 45 kg

Pricing Sheet

Bid # 23-016 Gas Mass Flow Controller

Item	Bid Price
One (1) Gas Mass Flow Controller	\$

Please return this pricing sheet and provide detailed product information, specifications, flyer, pictures, etc. with your submission.

The bid price must be a final price and include all shipping, handling, freight, etc. All items must be FOB destination shipping method. No additional charges will be allowed or added to a purchase order. A designated sales representative must be provided to the University; all contact information for that representative should be provided with this bid submission.

Troy University Bid Checklist: All items are required to be submitted with the vendor's bid response unless otherwise noted.

- ☐ Troy University Cover Sheet (signed by an authorized company representative)
- ☐ Bid response (respond based on instructions provided in specifications)
- ☐ W-9 (October 2018 Version MUST be COMPLETED for IRS compliance).
- ☐ Affidavit of Alabama Immigration Law Compliance (see instructions below)
- ☐ Vendor Disclosure (**awarded vendor only – see instructions below**)
- ☐ Bid Bond, if applicable (see instructions, below)
- ☐ Performance Bond (**awarded vendor only – see instructions below**)

Requirements Defined:

BID BONDS:

Troy University Purchasing Policy provides that all vendors are required to furnish a bid bond on any contracts for services **exceeding \$50,000**. A bid bond is designed to secure a particular bid until it is either rejected or accepted and a contract is made and secured or goods are received. Bid guarantees may be presented in the form of a bid bond, postal money order, certified check, cashier's check or irrevocable letter of credit for no less than 10% of the bid amount. All check guarantees for unsuccessful bidders will be returned in a timely manner.

For the successful bidder, a bid bond remains in effect until the following:

1. A vendor who is providing goods or materials has received an approved Troy University Purchase Order or contract, or
2. A vendor who is providing services has been notified of award. The bid bond for the successful vendor will remain in the possession of the Troy University Purchasing Department until such time as a performance bond can be presented to the University for services under contract.

PERFORMANCE BONDS:

TROY University provides that a bond in a responsible sum for faithful performance of the contract, with adequate surety, shall be required in an amount specified in the advertisement for bids. The performance bond shall be set at no less than 10% of the total contractual amount or at a stated amount of no less than the cost of one month's service, whichever is greater. A performance bond must be in effect prior to the first date of service. Upon award of the bid, the **awarded** bidder will be responsible for providing a Performance Bond which should be valid until all work associated with this project has been completed. Performance bonds may be presented in the form of a surety bond (PREFERRED), postal money order, certified check, or cashier's check. The performance bond should be presented to Troy University Purchasing Department before a purchase order is issued. No goods are to be delivered and no work is to begin without an official Troy University purchase order.

VENDOR DISCLOSURE FORMS:

State of Alabama Act 2001-955 requires that the Vendor Disclosure statement be completed and filed with all proposals, bids, contracts or grant proposals to the State of Alabama in excess of \$5,000.00. A vendor disclosure statement is not required for contracts for gas, water, and electric services where no competition exists, or where rates are fixed by law or ordinance. In circumstances where a contract is awarded by competitive bid, the disclosure statement shall be required only from the person receiving the contract/award and shall be submitted within ten (10) days of the award. **A new vendor disclosure statement is required for each purchase in excess of \$5,000.00 regardless of prior purchases. A current vendor disclosure statement must be on file before invoices can be processed for payment. Vendor disclosure statement included with bid response are acceptable.**

ALABAMA IMMIGRATION LAWS:

Alabama Law (Section 31-13-9 (a) and (b), Code of Alabama, 1975) - The State of Alabama passed new legislation effective January 1, 2012 known as the Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535. This legislation requires anyone receiving state monies to verify that they are in compliance with the new immigration law. State Agencies, including Troy University are required to withhold payment until proper verification has been obtained. **Please complete the enclosed Alabama Affidavit and/or enclose a copy of the approved federal E-Verify registration. For vendors with no Alabama employees, please indicate your federal E-Verify # and indicate "NO ALABAMA EMPLOYEES."**

Vendor Disclosure Statement Information and Instructions

Act 2001-955 requires the disclosure statement to be completed and filed with all proposals, bids, contracts, or grant proposals to the State of Alabama in excess of \$5,000. The disclosure statement is not required for contracts for gas, water, and electric services where no competition exists, or where rates are fixed by law or ordinance. In circumstances where a contract is awarded by competitive bid, the disclosure statement shall be required only from the person receiving the contract and shall be submitted within ten (10) days of the award.

A copy of the disclosure statement shall be filed with the awarding entity and the Department of Examiners of Public Accounts and if it pertains to a state contract, a copy shall be submitted to the Contract Review Permanent Legislative Oversight Committee. The address for the Department of Examiners of Public Accounts is as follows: 50 N. Ripley Street, Room 3201, Montgomery, Alabama 36130-2101. If the disclosure statement is filed with a contract, the awarding entity should include a copy with the contract when it is presented to the Contract Review Permanent Legislative Oversight Committee.

The State of Alabama shall not enter into any contract or appropriate any public funds with any person who refuses to provide information required by Act 2001-955.

Pursuant to Act 2001-955, any person who knowingly provides misleading or incorrect information on the disclosure statement shall be subject to a civil penalty of ten percent (10%) of the amount of the transaction, not to exceed \$10,000.00. Also, the contract or grant shall be voidable by the awarding entity.

Definitions as Provided in Act 2001-955

Family Member of a Public Employee - The spouse or a dependent of the public employee.

Family Member of a Public Official - The spouse, a dependent, an adult child and his or her spouse, a parent, a spouse's parents, a sibling and his or her spouse, of the public official.

Family Relationship - A person has a family relationship with a public official or public employee if the person is a family member of the public official or public employee.

Person - An individual, firm, partnership, association, joint venture, cooperative, or corporation, or any other group or combination acting in concert.

Public Official and Public Employee - These terms shall have the same meanings ascribed to them in Sections 36-25-1(23) and 36-25-1(24), Code of Alabama 1975, (see below) except for the purposes of the disclosure requirements of this act, the terms shall only include persons in a position to influence the awarding of a grant or contract who are affiliated with the awarding entity. Notwithstanding the foregoing, these terms shall also include the Governor, Lieutenant Governor, members of the cabinet of the Governor, and members of the Legislature.

Section 36-25-1(23), Code of Alabama 1975, defines a public employee as any person employed at the state, county or municipal level of government or their instrumentalities, including governmental corporations and authorities, but excluding employees of hospitals or other health care corporations including contract employees of those hospitals or other health care corporations, who is paid in whole or in part from state, county, or municipal funds. For purposes of this chapter, a public employee does not include a person employed on a part-time basis whose employment is limited to providing professional services other than lobbying, the compensation for which constitutes less than 50 percent of the part-time employee's income.

Section 36-25-1(24), Code of Alabama 1975, defines a public official as any person elected to public office, whether or not that person has taken office, by the vote of the people at state, county, or municipal level of government or their instrumentalities, including governmental corporations, and any person appointed to a position at the state, county, or municipal level of government or their instrumentalities, including governmental corporations. For purposes of this chapter, a public official includes the chairs and vice-chairs or the equivalent offices of each state political party as defined in Section 17-16-2, Code of Alabama 1975.

Instructions

Complete all lines as indicated. If an item does not apply, denote N/A (not applicable). If you cannot include required information in the space provided, attach additional sheets as necessary.

The form must be signed, dated, and notarized prior to submission.



State of Alabama Disclosure Statement

(Required by Act 2001-955)

ENTITY COMPLETING FORM

ADDRESS

CITY, STATE, ZIP

TELEPHONE NUMBER

()

STATE AGENCY/DEPARTMENT THAT WILL RECEIVE GOODS, SERVICES, OR IS RESPONSIBLE FOR GRANT AWARD

ADDRESS

CITY, STATE, ZIP

TELEPHONE NUMBER

()

This form is provided with:

☐

Contract

☐

Proposal

☐

Request for Proposal

☐

Invitation to Bid

☐

Grant Proposal

Have you or any of your partners, divisions, or any related business units previously performed work or provided goods to any State Agency/Department in the current or last fiscal year?

☐

Yes

☐

No

If yes, identify below the State Agency/Department that received the goods or services, the type(s) of goods or services previously provided, and the amount received for the provision of such goods or services.

STATE AGENCY/DEPARTMENT

TYPE OF GOODS/SERVICES

AMOUNT RECEIVED

Have you or any of your partners, divisions, or any related business units previously applied and received any grants from any State Agency/Department in the current or last fiscal year?

☐

Yes

☐

No

If yes, identify the State Agency/Department that awarded the grant, the date such grant was awarded, and the amount of the grant.

STATE AGENCY/DEPARTMENT

DATE GRANT AWARDED

AMOUNT OF GRANT

1. List below the name(s) and address(es) of all public officials/public employees with whom you, members of your immediate family, or any of your employees have a family relationship and who may directly personally benefit financially from the proposed transaction. Identify the State Department/Agency for which the public officials/public employees work. (Attach additional sheets if necessary.)

NAME OF PUBLIC OFFICIAL/EMPLOYEE

ADDRESS

STATE DEPARTMENT/AGENCY

OVER

2. List below the name(s) and address(es) of all family members of public officials/public employees with whom you, members of your immediate family, or any of your employees have a family relationship and who may directly personally benefit financially from the proposed transaction. Identify the public officials/public employees and State Department/Agency for which the public officials/public employees work. (Attach additional sheets if necessary.)

NAME OF FAMILY MEMBER	ADDRESS	NAME OF PUBLIC OFFICIAL/ PUBLIC EMPLOYEE	STATE DEPARTMENT/ AGENCY WHERE EMPLOYED
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If you identified individuals in items one and/or two above, describe in detail below the direct financial benefit to be gained by the public officials, public employees, and/or their family members as the result of the contract, proposal, request for proposal, invitation to bid, or grant proposal. (Attach additional sheets if necessary.)

Describe in detail below any indirect financial benefits to be gained by any public official, public employee, and/or family members of the public official or public employee as the result of the contract, proposal, request for proposal, invitation to bid, or grant proposal. (Attach additional sheets if necessary.)

List below the name(s) and address(es) of all paid consultants and/or lobbyists utilized to obtain the contract, proposal, request for proposal, invitation to bid, or grant proposal:

NAME OF PAID CONSULTANT/LOBBYIST	ADDRESS
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By signing below, I certify under oath and penalty of perjury that all statements on or attached to this form are true and correct to the best of my knowledge. I further understand that a civil penalty of ten percent (10%) of the amount of the transaction, not to exceed \$10,000.00, is applied for knowingly providing incorrect or misleading information.

Signature _____ Date _____

Notary's Signature _____ Date _____ Date Notary Expires _____

Act 2001-955 requires the disclosure statement to be completed and filed with all proposals, bids, contracts, or grant proposals to the State of Alabama in excess of \$5,000.

AFFIDAVIT OF ALABAMA IMMIGRATION LAW COMPLIANCE

In compliance with SECTIONS 9 (a) and (b) BEASON-HAMMON ALABAMA TAXPAYER AND CITIZEN PROTECTION ACT (the "Act"); CODE OF ALABAMA, SECTIONS 31-13-9 (a) and (b), this Affidavit of Alabama Immigration Law Compliance is to be completed and signed by an officer or owner of a contractor or grantee and notarized, as a condition for the award of any contract by Troy University to an employer that employs one or more employees in the State of Alabama and is a recipient of funds from Troy University. Contractors and Grantees are to provide notice to their Subcontractors of their Alabama Immigration Law Compliance obligations.

State of Alabama:

County of _____:

Before me, a notary public, personally appeared _____ (print name) who, is duly authorized by the business entity/employer which appears below, being sworn, says as follows:

As a condition for being a contractor or grantee on a project paid for by contract, grant, or incentive by the State of Alabama, or any political subdivision thereof, or any state-funded entity, I hereby attest that in my capacity as _____ (your position) for _____ (name of contractor or grantee), said Contractor or Grantee does not knowingly employ, hire for employment, or continue to employ an unauthorized alien. Further, Contractor or Grantee affirms that it is providing notice to its subcontractors of their Alabama Immigration Law Compliance obligations.

I further attest that said Contractor or Grantee is enrolled in the E-Verify program and have affixed below said Contractor or Grantee's E-Verify Employment Eligibility Verification User Identification Number confirming such program enrollment. I have read this Affidavit and swear and affirm that it is true and correct.

E-Verify Employment Eligibility Verification User Identification Number

Signature of Affiant

Sworn to and subscribed before me this _____ day of _____, 2____.

I certify that the affiant is known (or made known) to me to be the identical party he or she claims to be.

Signature and Seal of Notary Public

To be returned to Troy University

Request for Taxpayer Identification Number and Certification

► Go to www.irs.gov/FormW9 for instructions and the latest information.

Give Form to the
requester. Do not
send to the IRS.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ► _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) See instructions.	Requester's name and address (optional)
	6 City, state, and ZIP code	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
				-					
or									
Employer identification number									
				-					

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ►	Date ►
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.