DAVID Y. IGE GOVERNOR



SARAH ALLEN ADMINISTRATOR

## STATE OF HAWAII STATE PROCUREMENT OFFICE

P.O. Box 119 Honolulu, Hawaii 96810-0119 Telephone: (808) 587-4700 e-mail: state.procurement.office@hawaii.gov http://spo.hawaii.gov April 28, 2016

TO:

### State Public Facilities on Oahu ONLY

Executive Departments/Agencies Excluding the following: Hawaii Health Systems Corporation (and its Regional System Boards and Hospitals) Office of Hawaiian Affairs and University of Hawaii)

FROM: Sarah Allen, Administrator

SUBJECT: New DOE Price List Contract DOE Price List Contract No. E16-031 INSPECTION, TESTING, CERTIFICATION, AND REPAIR OF BACKFLOW PREVENTION DEVICES FOR THE STATE PUBLIC FACILITIES ON OAHU Contract Term: April 27, 2016 to March 20, 2017

This new Department of Education (DOE) Price List Contract No. E16-031 is effective on April 27, 2016 and expires on March 20, 2017.

Doonwood Engineering, Inc. is the awarded the contractor for inspection, testing, certification, and repair of backflow prevention devices for state public facilities located on the island of Oahu. The island of Maui will be added to this price list contract when the DOE notifies the State Procurement Office (SPO).

This contract is available on the SPO website: <u>http://spo.hawaii.gov</u>. Click on *Price & Vendor Lists Contracts* on the home page.

If you have any questions, please contact Stanton Mato at (808) 586-0566 or email stanton.d.mato@hawaii.gov.

# STATE OF HAWAII STATE PROCUREMENT OFFICE

DOE Price List Contract No. E16-031 Effective 04/27/2016

# INSPECTION, TESTING, CERTIFICTION, AND REPAIR OF BACKFLOW PREVENTION DEVICES FOR THE STATE PUBLIC FACILITES ON OAHU (IFB-D16-031) April 27, 2016 to March 20, 2017

**PARTICIPATING JURISDICTIONS:** The State Procurement Office has signed a cooperative agreement with the Department of Education to utilize this price list contract.

State Public Facilities on OAHU ONLY Executive Departments/Agencies Excluding the following: Hawaii Health Systems Corporation (and its Regional System Boards and Hospitals) Office of Hawaiian Affairs and University of Hawaii

The participating jurisdictions are not required, but may purchase from this price list contract, and requests for exception from the contract are not required. Participating jurisdictions are allowed to purchase from other contractors, however, HRS chapter 103D and the procurement rules apply to purchases using the applicable procurement method and its procedures, such as small purchases or competitive sealed bidding. The decision to use this contract or to solicit pricing from other sources will be at the discretion of the participating jurisdiction.

**POINTS OF CONTACT.** Questions regarding the products listed, ordering, pricing, and status should be directed to the Contractor(s).

Procurement questions or concerns may be directed as follows:

Jurisdiction	Name	Phone	Fax	E-mail
Executive	Stanton Mato	586-0566	586-0570	stanton.d.mato@hawaii.gov

## Vendor

Doonwood Engineering, Inc.333 Uluniu StreetKailua, HI 96734Contact: Robin SunioTelephone:(808) 262-2344Facsimile:(808) 261-7123E-Mail:doonwood1@gmail.com

# Remittance Address

Doonwood Engineering, Inc. P.O. Box 1267 Kailua, HI 96734

INSPECTION, TESTING, CERTIFICATION, REPAIR OF BACKFLOW PREVENTION DEVICES FOR STATE PUBLIC FACILITIES - 1 -

## SCOPE OF WORK

Work under this agreement shall consist of the inspection, testing, certification, and repair of backflow prevention devices for the state public facilities on the island of Oahu and shall be accordance with the attached:

- Specifications
- Oahu (State Public Facilities) Backflow Prevention Device List
- Island of Oahu (State Public Facilities) Pricing

**VENDOR CODES** for annotation on purchase orders are obtainable from the *Alphabetical Vendor Edit Table* available at your department's fiscal office. Agencies are cautioned that the remittance address on an invoice may be different from the address of the vendor code annotated on the purchase order.

**COMPLIANCE PURSUANT TO HRS §103D-310(c).** Prior to awarding this contract, the DOE verified compliance of the Contractor(s) named in the DOE Price List Contract No. E16-031. *No further compliance verification is required prior to issuing a contract, purchase order, or pCard payment when utilizing this contract.* 

**PURCHASING CARD (pCard).** The State of Hawaii Purchasing Card (pCard) is required to be used by the Executive department/agencies, excluding the DOE, HHSC, OHA, and UH, for orders totaling less than \$2,500. For purchases of \$2,500 or more, agencies may use the pCard, subject to its credit limit, or issue a purchase order.

**PURCHASE ORDERS** may be issued for purchases of \$2,500 or more and for vendors who either do not accept the pCard, set minimum order requirements before accepting the pCard for payment, or who charge its customers a transaction fee for the usage.

**PAYMENTS** are to be made to the remittance address of the Contractor(s). HRS §103-10, HRS, provides that the State shall have thirty (30) calendar days after receipt of invoice or satisfactory completion of contract to make payment. Payments may also be made via pCard.

**DOE PL Contract No. E16-031** will be typed on purchase orders issued against this price list contract. For pCard purchases, the DOE PL Contract No. E16-031 shall be notated on the appropriate transaction document.

**VENDOR AND PRODUCT EVALUATION.** Form SPO-012, Evaluation: Vendor or Product, for the purpose of addressing concerns on this price list contract, is available to agencies at the SPO website: <u>http://spo.hawaii.gov</u>. Click on *Forms* on the home page.

**PRICE OR VENDOR LIST CONTRACT AVAILABLE ON THE INTERNET** at the SPO website: <u>http://spo.hawaii.gov</u>. Click on *Price & Vendor List Contracts* on the home page.

INSPECTION, TESTING, CERTIFICATION, REPAIR OF BACKFLOW PREVENTION DEVICES FOR STATE PUBLIC FACILITIES - 2 -

## SPECIFICATIONS

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The State of Hawaii Department of Education (HIDOE) owns several backflow preventers (BPs) located at various locations statewide. These BPs, including those owned by the State of Hawaii (public facilities) on the islands of Maui and Oahu, need to be annually inspected, tested, and certified to meet each County's Board of Water Supply/Department of Water Supply's (DWS) requirement. Maui vendors need to be listed with the DWS Backflow section.

A CONTRACTOR bidding on this contract shall be limited to a maximum of two (2) Groups from the following nine (9) Groups:

Group I: Honolulu District Schools Group II: Central District Schools Group III: Leeward District Schools Group IV: Windward District Schools Group V: Hawaii District Schools Group VI: Maui District Schools Group VII: Kauai District Schools Group VIII: Maui (State Public Facilities) Group IX: Oahu (State Public Facilities)

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#### GENERAL INFORMATION

The CONTRACTOR shall furnish all necessary labor, engineering and technical personnel, materials, tools, equipment and appurtenances to properly inspect, test, and certify BPs at various school locations statewide and public facilities locations on the islands of Maui and Oahu.

All work performed shall further be subject, where applicable, to the national, state and county plumbing codes and Department of Water Supply Water System Standards.

### Inspection, Testing and Certification of BPs (CONTRACTOR responsible for all costs)

For the inspection, testing and certification of BPs activities, all labor (including personnel travel costs and per diem), engineering and technical personnel, supervision, taxes, parts, materials, supplies, tools, equipment, safety gear, costs for storage, transportation, shipping, and appurtenances to properly inspect, test, and certify BPs at the various locations statewide shall be included in Bid Item 1 on the offer page(s).

All advisory services shall be considered as incidental costs to the CONTRACTOR and included in the CONTRACTOR's bid price. Therefore, no separate payment shall be made.

#### Repairs (Reimbursable Work)

Repair activities (Repair) are cost reimbursable work and include repairs and replacement components and related equipment not listed under the "Description of Work" section. If a Repair is necessary, the CONTRACTOR will submit a cost proposal for the total cost of the Repair to the Contract Administrator (CA) and the appropriate point-of-contact (POC) for the State of Hawaii (public facilities). The cost proposal shall contain the following minimum information:

- a. Description and breakdown of material, parts, and labor costs (including hourly labor rate).
- b. Estimated completion date.
- c. Additional supporting data as required to support costs.

If approved by the CA or appropriate POC for the State of Hawaii (public facilities), a purchase order shall be issued to the CONTRACTOR. CONTRACTOR is responsible to retest the repaired or replaced BPs again. Cost for retesting the repaired or replaced BPs will be based on the bid unit price for Bid Item 1.

SPECIFICATIONS IFB D16-031

#### The CONTRACTOR is not responsible for the following:

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 Repairs due to flagrant vandalism, fire, storm or related damages which can be attributed to causes beyond their control. (However, the CONTRACTOR shall be responsible for such repairs if the damages are caused by the CONTRACTOR's failure to properly maintain and service the systems and equipment.)

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### DESCRIPTION OF WORK

The services to be performed herein shall be to inspect, test, and certify such apparatus as Pressure Vacuum Breakers, Spill-Resistant Pressure Vacuum Breakers, Double Check Valve Assemblies, and Reduced Pressure Principle Backflow Prevention Assemblies.

These services shall also include findings and recommendations related to or pertaining to maintenance of main line backflow prevention assemblies, irrigation system assemblies, and backflow prevention assemblies that isolate other types of cross connectional hazards that may exist.

#### A. PHASE I: INITIAL TESTING (Including Updates to Equipment Schedule)

- 1. Within ten (10) business days after the start of the contract, the CONTRACTOR shall submit a schedule of tests to be performed at each location. This schedule shall be approved by the appropriate POC before proceeding.
  - a. Schedule shall include the initial tests to be performed, and the recurring (annual) tests to be performed following the established cycle for each location.
  - b. Except as otherwise noted, all work shall be performed during "normal working days". The term "normal working days" as used hereinafter shall mean Monday through Friday between the hours of 7:30 a.m. and 3:00 p.m. Hawaii Standard Time (HST).
  - c. CONTRACTOR shall obtain permission from the appropriate POC, to perform the services on the weekends, state holidays, or after normal operating hours. However, there shall be no additional charge to the STATE for work performed outside of "normal working days" if requested by CONTRACTOR.
  - d. Upon completion of testing, CONTRACTOR shall furnish and attach a weather proof tag on the tested BP. The tag shall provide indelible information that includes date of test, pass or fail test result, and a brief description of the cause of failure if BP failed the test. The weather proof tag dimension shall not be less than 2.5"x 3.5" and a sample shall be submitted to the POC for approval prior to its use.
- 2. Within sixty (60) calendar days after the start of the contract, the CONTRACTOR shall prepare and submit Board of Water Supply (BWS) test form results of the passed BPs for each location to BWS. Also, prepare and submit all the BWS test form results, reports or proposals containing the CONTRACTOR's recommendation for repairs or replacements based on the analysis of the existing conditions, and compiled test data for each location to the appropriate POC. This report shall also advise of any other existing problems and conditions that arise during the test of the backflow prevention assembly. The CONTRACTOR shall utilize the appropriate BWS forms for which island the work is being done on.
- 3. Verify, update, and submit a list of the sizes, makes, models, types, associated meter numbers, serial numbers, distance between meter and backflow prevention assembly, GPS locations of backflow prevention assemblies, and buildings affected, based on the equipment schedule. The updated list shall be submitted within ninety (90) days after the start of the Contract.

- a. Within three (3) days after the start of the contract, the *Excel* files for the equipment schedule shall be e-mailed to the CONTRACTOR's point of contact. These *Excel* files may be used and updated with the appropriate information. The updated list shall then be e-mailed to the appropriate POC. No guarantee is made as to the accuracy of the available data.
- 4. Determine if the backflow prevention assembly is properly installed and in good working order.
- 5. Contact all the individuals, companies, and government agencies who will be affected by the testing of the backflow prevention assemblies and coordinate with the appropriate POC any temporary shutdown of water service for the duration of the test.

#### B. PHASE II: ANNUAL TESTING

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- The annual testing cycle shall require tests to be performed following the established cycle for each location and shall be conducted no sooner than one (1) year from the initial testing date in Phase I. CONTRACTOR shall determine if the backflow prevention assembly is properly installed and in good working order. Upon completion of testing, CONTRACTOR shall furnish and attach a weather proof tag on the tested BP. The tag shall provide indelible information that includes the date of test, pass or fail test result, and a brief description of cause of failure if BP failed the test. The weather proof tag dimension shall not be less than 2.5"x 3.5" and a sample shall be submitted to the POC for approval prior to its use.
- 2. CONTRACTOR shall contact all the individuals, companies, and government agencies who will be affected by the testing of the backflow prevention assemblies and coordinate with the schools and appropriate POC, any temporary shutdown of water service for the duration of the test.

## C. TEST PROCEDURES AND/OR RECOMMENDED TOLERANCES

- 1. CONTRACTOR shall select the best and most practical method of conducting the tests.
- 2. The test shall establish that the apparatus or device will perform its specific function when operating conditions are simulated or duplicated.
- 3. The testing procedures to be used to test Pressure Vacuum Breakers, Spill-Resistant Pressure Vacuum Breakers, Double Check Valve Assemblies, and Reduced Pressure Principle Backflow Prevention Assemblies will be those that are accepted by the following backflow prevention assembly certification institutions:
  - a. University of Southern California Foundation for Cross Connection Control and Hydraulic Research
  - b. Plumbers and Mechanical Contractors Union Local 675 Training Workshop
  - c. Cal-Nevada American Water Works Association
  - d. American Backflow Prevention Association (re-certification only)
- 4. The manufacturer's performance data and instruction books shall be used as reference and shall take precedence over any alternate or recommended procedures, practices or performance criteria.
- 5. The CONTRACTOR shall determine the safest, most efficient method and procedure for conducting the test, including whether the test should be conducted, based on the condition of the backflow prevention assembly or other surrounding conditions. If the CONTRACTOR determines that the backflow prevention assembly cannot be tested because of the condition of the backflow prevention assembly or other surrounding conditions, it will be considered a failed test and the

CONTRACTOR will be paid for the test, provided the CA or appropriate POC for the State of Hawaii (public facilities), approves the CONTRACTOR's determination. The CONTRACTOR will not be paid for reasons such as failure to locate the backflow prevention assembly.

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## D. ALLOWABLE COSTS FOR PARTS

If replacement parts or materials are required for "chargeable" authorized reimbursable extra work, the STATE shall compensate the CONTRACTOR for the part(s) at the CONTRACTOR's cost, plus labor. The CONTRACTOR's material cost mark-up shall not exceed twenty percent (20%), which shall include shipping, overhead, profit, taxes, and any other incidental expenses. The CONTRACTOR shall substantiate all costs by submitting a copy of part or material invoices with their invoice to the STATE. Use only new, standard parts or material as manufactured by the maker of each unit or part of equal quality. No work shall begin until work is authorized by the CA or appropriate POC for the State of Hawaii (public facilities), and purchase order issued.

#### E. SITE ACCESS AND SECURITY

The CONTRACTOR must be aware of the heightened security conditions at the HIDOE school facilities and state public facilities covered by this contract and agrees to follow the site access and security procedures of each facility. The CONTRACTOR is requested to be aware of and to report to the CA or appropriate POC for the State of Hawaii (public facilities), with as much detailed information as possible, any suspicious activity or obvious breach of security in relation to or in the course of their work at any of the facilities. The CONTRACTOR must keep their work areas closed and secure, before, during and after performing work.

The CONTRACTOR shall be <u>required</u> to schedule and coordinate in advance inspection, testing and certification service, or repair work at the facilities. Schedule shall be approved by the CA or appropriate POC for the State of Hawaii (public facilities) before work can commence. The CONTRACTOR shall submit a list of personnel assigned to this contract, on company letterhead, to the CA or appropriate POC for the State of Hawaii (public facilities) as soon as the contract is executed and prior to the start of the work. The HIDOE reserves the right to request background security checks for each person assigned to this contract.

The CONTRACTOR vehicles and personnel shall be properly identified as belonging to the CONTRACTOR, through company signage/logos, uniforms, name tags or identification cards as appropriate to comply with this requirement.

#### F. TOOLS, EQUIPMENT AND SUPPLIES

CONTRACTOR shall provide all tools, equipment and supplies. Storage of any tools and supplies at any state facility shall not be allowed without the prior written consent from the STATE. Tools and/or supplies stored at any state facility without the prior written consent from the STATE shall be considered abandoned and may be disposed of by the STATE without compensation to the CONTRACTOR.

#### G. SAFETY

If work is performed during school hours with work site accessible to school children and other people, the CONTRACTOR must not perform services until all safety type barricades are in place. The CONTRACTOR shall comply with all applicable safety regulations promulgated by the Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA) and other governmental agencies. CONTRACTOR must obey signs and posted notices.

### H. CLEANUP AND WORK PRACTICES

The CONTRACTOR shall keep the job site free, including but not limited to, debris, litter, refuse, and shall clean all fluids, oil, grease drippings or spills during the daily progress of work. The

SPECIFICATIONS IFB D16-031

CONTRACTOR shall remove all tools, used parts, fluids and lubricants, and equipment from the service area upon completion of the work. Legally dispose of used parts, fluids and lubricants, whether hazardous or not, in accordance with EPA and/or other government regulations including providing written records, as required.

CONTRACTOR shall exercise caution during the progress of his maintenance and repair work to prevent damage to any of the building structure. CONTRACTOR shall restore all damaged equipment and property caused by the CONTRACTOR's negligence, at the CONTRACTOR's own expense, when/as requested by the STATE. If such repairs are not completed immediately, the CA or appropriate POC for the State of Hawaii (public facilities), reserves the right to purchase, in the open market, a corresponding quantity of the services specified herein and to deduct from any moneys due or that may thereafter become due to the CONTRACTOR, the difference between the price named in the contract and the actual cost to the STATE. In case any money due the CONTRACTOR is insufficient for said purpose, the CONTRACTOR shall pay the difference upon demand from the STATE. The STATE may also utilize all other remedies provided by law.

# Oahu (State Public Facilities) Backflow Prevention Device List

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Facility	BWS Address		Tune	BFPA	10:	
aciiity	DWS Address			Make & Model	Size	Serial No
AAFES	919 Ala Moana Blvd.	4526	Territor specific and the second second	Watts 909	4.00	178820
	515 Ala Moalla Divu.			Watts 909	2.00	334713
		7669		Wilkins 9754L	0.75	180309
Capital Center 093	1181 Alakea St.	4474		Watts 909	2.00	445390
Capital Center 035	TTOT Alakea St.	7652	RP	Watts 009	0.75	181985
		7653		HE / FRP II	1.00	121650
CS ADM 067	729B Kakoi St.	4439		Watts 909	0.75	436334
Heenene 040	4004 D-1-1-101	7678	RP	Febco 860	2.00	H10993
Hoopono 049	1901 Bachelot St.	4468	RP	Watts 909	1.00	444264
'i	871 Mililani St.	4512	RP	Wilkins 975XL	2.00	722237
	365 S. Hotel	4502	RP	Watts 909	3.00	146130
Iolani Palace 016		4503	DC	Beeco 2	4.00	108294
IDIAIII PAIACE 016		7648	RP	Watts 009M2	1.50	162338
		7649	RP	Watts 009M2	1.50	154110
		7670	RP	Watts 909	0.75	425448
Judiciary 018-052	435 S. King St.	5625	DC	Watts 009	2.00	303971
		5489	RP	Watts 009	2.00	105997
Kakuhihewa 097		6633	RP	Watts 909	2.00	319701
		6634	RP	Wilkins 975XL	0.75	861437
		6635	RP	Wilkins 375	2.50	L55727
		4518	RP	Wilkins 975XL	0.75	986099
		4519	RP	Febco 825Y	2.00	24706
	1151 Punchbowl St.	4520	RP	Febco 825Y	2.00	24657
Kalanimoku 084		4521	RP	Watts 909	3.00	173745
		4522	RP	Wilkins 375	6.00	L01294
		5626	RP	Wilkins 975	2.00	735453
		7654	RP	Watts 909	1.50	408403
Kam V 023	46A Merchant St.	4470	RP	Watts 909	2.50	108190
	-or merchant ot.	4471	RP	Watts 909	2.50	123569
		4510	RP	Wilkins 975	2.00	728515
Keelikolani 025	825 Mililani St.	4511	RP	Febco 825	6.00	C2221
	020 Millian OL	6636	RP	Watts 909	1.50	444247
7		6637	RP	Wilkins 975XL	1.50	3584560
		4505	RP	Watts 909	1.25	326148
Kekuanaoa OSOB 052	465 S. King St.	4506	RP	Wilkins 975	2.00	1275689
		7663	DC	007M2	1.50	104907
		4480	RP	Wilkins 375	4.00	L46587
Kinau Hale 026	1250 Punchbowl	4481		Watts 009M2QT	2.00	A02854
Rinau Hale 020	1250 FUNCTION	4482		Wilkins 975XL	0.75	1191109
		4483		Watts 909	1.00	450485
	· · · ·	4674		Watts 909 M1QT	2.00	319762
		5617		Wilkins 975 XL	0.75	438688
Liliuokalani Building 038		5618		Watts 909	1.50	285160
		7655	The rest of the rest of the local division of the	Watts 909	4.00	212533
		7656		Wilkins 950 XL	0.75	998277
		7657		Wilkins 950 XL	0.75	998273
Makiki Camatar: 020	1000 D	4539		Wilkins 375	2.50	L48870
Makiki Cemetery 039	1630 Pensacola St.	4540		Febco 805Y	2.00	V0447
		627		Wilkins 375	4.00	
No. 1 Capital District Bldg 100		7651		Watts 709	2.50	L57841 104481

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	ime is ( vent thank vo (2) g ccordar id price	* Offero ther as:	"Each	Note: Offeror I groups.			2		en esta		Item
accordance with this preference/priority ranking. In the event an Offeror fails to indicate a priority ranking, the bid prices submitted and its decision shall be final.	Time is of the essence in the completion of work under this contract. For this reason, the HIDOE shall award event that an Offeror is successful on two (2) groups, the Offeror shall not be considered for award on any sub two (2) groups. Offeror shall rank each group in order of priority. In the event an Offeror submits a low bid on	** Offeror to enter Hourly Labor Rate. This hourly rate sha other associated costs.	* "Each Test" includes the inspection, testing, and certification services for the Backflow Preventer.	Note: Offeror must bid on all items in a group in order to qualify for a group award; however, Offeror need not bid on groups. Offerors shall rank each group in order of prioity by indicating "1", "2", "3", "4", "5", "6", "7", "8" and "9"	Priority Ranking	Total Sum of Bid Prices (Items 1 and 2)	Repairs and Other Authorized Reimbursable Work		Inspection, Testing, and Certification of Backflow Preventers		Description
	s contract. For this reason, Offeror shall not be consider iority. In the event an Offer ent an Offeror fails to indical	ill be used as the Hourly Lai	tion services for the Backflo	for a group award; however, y indicating "1", "2", "3", "4",	<b>. ر.</b>	\$ 345.18	\$ <u>115.18</u>	Hourly Labor Rate**	\$	Unit Bid Price (each Test*)	Oahu (State Public Facilities)
	Time is of the essence in the completion of work under this contract. For this reason, the HIDOE shall award not more than two (2) groups to a single Offeror. In the event that an Offeror is successful on two (2) groups, the Offeror shall not be considered for award on any subsequent group. If Offeror submits a bid on more than two (2) groups, Offeror shall rank each group in order of priority. In the event an Offeror submits a low bid on more than two (2) groups, award will be made in accordance with this preference/priority ranking. In the event an Offeror fails to indicate a priority ranking, the HIDOE shall make an award determination based on	This hourly rate shall be used as the Hourly Labor Rate for all cost proposals and shall be inclusive of all taxes, profits, and	iw Preventer.	Offeror need not bid on all groups. If submitting a bid on more than two (2), "5", "6", "7", "8" and "9" as applicable.							

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ISLAND OF OAHU (State Public Facilities):

Group IX:

The following is hereby submitted:

JG, INC