



FAYETTEVILLE PUBLIC WORKS COMMISSION

PROCUREMENT DEPARTMENT

<https://www.faypwc.com/bids/>

Bid Addendum

PWC Number: PWC2324024

Bid Title : Collection and Disposal of Hazardous, Universal, and Non-Regulated Waste

Bid Opening Date and Time: November 16, 2023, at 3:00 pm

Addendum Number: 1

Addendum Date: November 8, 2023

Procurement Advisor: *Shelby Lesane*

Shelby.lesane@faypwc.com 910-223-4429

1. Return one properly executed copy of this addendum with bid response or prior to the Bid Opening Date/Time listed above.
2. Following pages are questions received about the solicitation and the SME's answers to the questions.

Failure to acknowledge receipt of this addendum may result in rejection of the response

Check ONE of the following options:

- Bid has not been mailed. Any changes resulting from this addendum are included in our bid response.
- Bid has been mailed. No changes resulted from this addendum.
- Bid has been mailed. Changes resulting from this addendum are as follows:

Execute Addendum

Offeror: _____

Authorized Signature: _____

Name and Titled (Typed): _____

Date: _____

Questions & Answers:

PWC2324024 Collection and Disposal of Hazardous, Universal, and Non-Regulated Waste

1. Is this waste characterized as universal waste? Aerosols & Aerosol Can Waste

Answer: No, it is characterized as hazardous waste (Waste codes D001/D035).

2. What is the average weight of this waste in drums?

Answer: The average weight for aerosol is 100-150lbs including the barrel weight.

3. Why is this waste classified as a Flammable solid? Air Filters. w/Paint?

Answer: The paint (EPA K179 Waste solids) is flammable.

4. Is this waste characterized as Universal waste? Alkaline Batteries?

Answer: Yes, it is characterized as universal waste.

5. Why is this waste classified as a Flammable solid? Cloth Paint Filters?

Answer: The paint (EPA K179 Waste solids) is flammable.

6. Is this waste classified as Universal waste? Compact Fluorescent Bulbs?

Answer: Yes, it is characterized as universal waste.

7. Do the Fuel filters contain Benzene? Crushed Fuel Filters?

Answer: Some of the fuel filters contain Benzene. The fuel filters are non-crushed.

8. Are these batteries Universal waste or hazardous waste? Damaged Automobile Lead Acid Batteries?

Answer: These batteries are hazardous waste. None are damaged automobile lead acid batteries but it's possible.

9. Are these bulbs considered universal waste? 4' & 8' Fluorescent Bulbs?

Answer: Yes, it is considered as universal waste.

10. Why is this considered Corrosive? Do you have an SDS on this we can review? Heavy Duty Re inhibitor?

Answer: No, not sure what chemical you are referring to

11. Are these bulbs characterized as universal waste? High Intensity Discharge Bulbs (HID)?

Answer: Yes, it is characterized as universal waste.

12. Why is this Corrosive? Do you have an SDS on this waste that we can review? Klarid CDP450?

Answer: Klarid is not currently listed in our SDS library.

13. Is this waste classified as universal waste? Lead Acid Batteries?

Answer: No, it is classified as hazardous waste.

14. Is this waste classified as Universal waste? Used Lithium Batteries?

Answer: No, it is classified as hazardous waste

15. Is this waste characterized as hazardous or universal waste? Mercury Contaminated Equipment?

Answer: Yes, it is characterized as hazardous waste.

16. Is this waste characterized as Hazardous or Universal waste? Mercury Switches?

Answer: Yes, it is characterized as hazardous waste.

17. What are the constituents of this waste stream? Metals Waste?

Answer: Possible D004-D011

18. Are these batteries characterized as universal waste? Nicad Batteries?

Answer: Yes, characterized as universal waste.

19. Is this a duplicate of Line 26 PCB Ballasts or is this pricing for less than 50 ppm of PCB content? PCB Ballasts?

Answer: Yes, this is a duplicate.

20. What EPA codes apply to this waste stream? Oil with Trace/Perchloroethylene?

Answer: The EPA codes are F001 and D039.

21. Is this for >50ppm pcbs? PCB Ballasts?

Answer: Yes, this is for PCB.

22. Do you have an SDS we can review for this waste stream? Polyfloc (CE1161P)?

Answer: Yes, the SDS is attached to this addendum.

23. Is this waste characterized as a universal waste? U-Shape Bulbs?

Answer: Yes, it is characterized as universal waste.

24. Is this waste characterized as a universal waste? Used Lithium Batteries?

Answer: No, it is characterized as hazardous waste

25. Can you provide an SDS for this waste? Voltz II Red Parts Washer Liquid?

Answer: No, we don't have Voltz II however we do carry Voltz Red

26. Is this waste characterized as Universal waste? Lead Acid Batteries (Dry)?

Answer: Yes, it is characterized as universal waste.

27. Is this waste characterized as Universal waste? Lead Acid Batteries (Wet)?

Answer: Yes, it is characterized as universal waste.

28. No Line for pricing on this waste, do we quote? If yes, do you have a listing of waste streams in this category? Do you SDS? Do you have weights or volumes by waste? Medical Waste?

Answer: No, pricing is needed for medical waste.

29. Can we add container minimums for each line? Container Minimums?

Answer: Yes, container minimums can be added for each line.

30. Can we add supplier line items, or does it need to be rolled into the per-pound rate? Supplies?

Answer: Yes, supplier line can be added.

31. Do we have to roll up the transportation pricing into the per-pound rate or can we list it separately? Transportation pricing?

Answer: List transportation pricing separately.

32. If we have to roll up the transportation pricing into the waste rate per pound how many transportation trips should we incorporate into our bid and what size trucks are you requiring on each pickup cycle? Transportation pricing?

Answer: N/A, see the response to number 31.

33. Should we incorporate 5 individual location stops on each service rotation? Transportation pricing?

Answer: Yes, but this could vary depending on the waste that is generated. Some locations may have no waste for certain periods.

34. Can we quote used, cleaned open-top 55-gallon drums for supplies to help save PWC money on supplies? Supplies?

Answer: Yes, quotes for used drums will be accepted.

35. Who is the current vendor for the City of Fayetteville PWC Collection and Disposal of Hazardous, Universal and Non-Regulated Wastes?

Answer: To obtain information on the current vendor for these services you will need to email Legal@faypwc.com to submit your public records request.

36. What percentage of the current contract is serviced by Minority, Women, and disadvantaged businesses or Small Local Suppliers or Historically Underutilized Businesses?

Answer: PWC adopted the new Minority, Women, and Disadvantaged Business Enterprises (MWDBE) Program on July 1, 2023. The new Small Local Supplier (SLS) Program was adopted on July 1, 2022. These programs were not effective when the current contract was put in place. Bidders who need additional

assistance locating MWDBE and HUB businesses may contact Nikole Bohannon via email at nikole.bohannon@faypwc.com. Please include the type of subcontracted work and/or NAICS code(s) in the request.

37. Is a site visit able to be scheduled prior to bid submittal?

Answer: A site visit will be available for potential bidders at 10:00 am on Thursday November 9, 2023.

38. Please provide all manifests and/or Bill of Ladings for all shipments from Oct 1, 2022, to Oct 1, 2023.

Answer: To obtain Bill of Lading information for October 1, 2022 to October 1, 2023 you will need to email Legal@faypwc.com to submit your public records request.

39. On page 13, it states only RCRA-licensed disposal facilities will be used. Please clarify your intent.

Answer: N/A

40. Are we able to add labor and transportation charges to the pricing in Attachment C?

Answer: Add to the bottom of the sheet so it is not combined. (Separate line item)

41. Do you have a specific disposal outlet list we need to adhere to, or are you open to our approved vendors?

Answer: We are open to discussing these disposal facilities. Our internal process will include conducting an audit of any facility prior to being used. We do have a few already specified.

42. Do you have any disposal technology restrictions we need to be aware of? If so, please provide.

Answer: PWC prefers US disposal environmentally conscience options.

43. Please advise if the PCB bulk tanker material has additional RCRA codes associated with the material. Metal, solvent, pesticide codes?

Answer: N/A

44. Please supply profile information for all bulk waste streams so we can see the chemical constituents for each material.

Answer: N/A

45. Please supply MSDS documents for all the trade name waste streams so we can determine hazard class, chemical constituents, and the proper shipping name of each material. Klarid CDP 450, Polyfloc, Voltz II, Etc.

Answer: N/A

46. How is the metal waste in drums generated? What RCRA metal codes apply to this waste stream? What is the PPM of Mercury and Cadmium? Is it low or high mercury? Is it elemental mercury or mercury salts?

Answer: It has low mercury and cadmium levels.

47. Please provide a list of any MBE and WBE firms you are currently utilizing and what services they offer.

Answer: Bidders who need additional assistance locating MWDBE and HUB businesses may contact Nikole Bohannon via email at nikole.bohannon@faypwc.com. Please include the type of subcontracted work and/or NAICS code(s) in the request.

Safety Data Sheet: VOLTZ RED

Supersedes Date 09/26/2013

Issuing Date 09/26/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name VOLTZ RED
Recommended use Solvent degreaser
Information on Manufacturer
CHEMSEARCH DIV. OF NCH CORP.
BOX 152170
IRVING, TX 75015

Product Code 0368
Chemical nature Solvent blend
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Red - Orange

Physical State Liquid

Odor Orange

GHS

Classification

Physical Hazards

Flammable liquids

Category 4

Health Hazard

Aspiration Toxicity

Category 1

Acute Dermal Toxicity

Category 4

Skin Corrosion/Irritation

Category 2

Serious Eye Damage/Eye Irritation

Category 2B

Respiratory Sensitization

Category 1

Skin Sensitization

Category 1

Specific target organ systemic toxicity (single exposure)

Category 3

Specific target organ systemic toxicity (repeated exposure)

Category 2

Other hazards

None

Labeling

Signal Word

DANGER



Hazard Statements

H227 - Combustible liquid

H315 - Causes skin irritation

H312 - Harmful in contact with skin

H317 - May cause an allergic skin reaction

H320 - Causes eye irritation

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H336 - May cause drowsiness or dizziness

H304 - May be fatal if swallowed and enters airways

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

P210 - Keep away from heat, sparks, open flames or hot surfaces.

P280 - Wear protective gloves, protective clothing and eye protection.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace

P260 - Do not breathe mist or vapor.

P271 - Use in a well-ventilated area.

P302+ P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs, get medical attention

P362 - Take off contaminated clothing and wash before reuse

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists, get medical attention.

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P342 + P311 - If experiencing respiratory symptoms, call a physician

P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.

P233 - Keep container tightly closed

P403 + P235 - Store in a well-ventilated place. Keep cool

P501 - Dispose of contents and container in accordance with applicable regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Petroleum distillates, hydrotreated light	64742-47-8	60-100
D-Limonene	5989-27-5	15-40

4. FIRST AID MEASURES

General advice	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician	Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

5. FIRE-FIGHTING MEASURES

Flash Point	> 142 °F / > 61 °C	Method	Seta closed cup
Flammability Limits in Air % Solvent mixture.		Upper 7.0	Lower 0.6
Suitable Extinguishing Media	Foam. Carbon dioxide (CO ₂). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
Specific hazards arising from the chemical	Combustible Liquid. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions.		
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.		
NFPA	Health 2	Flammability 2	Instability 0
HMIS	Health 2	Flammability 2	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.			
Storage	Keep away from heat and sources of ignition. Store in original container. Keep containers tightly closed in a cool, well-ventilated place.			
Storage Temperature	Minimum	35 °F / 2 °C	Maximum	120 °F / 49 °C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated light	525 mg/m ³ TWA	No data available	No data available

Engineering Measures	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment	

Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	Wear suitable protective clothing, Impervious gloves.
Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations	Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Non viscous
Color	Red - Orange	Odor	Orange
Odor Threshold	Not applicable	Appearance	Transparent
pH	Not applicable	Specific Gravity	0.79
Evaporation Rate	0.03 (Butyl acetate=1)	Percent Volatile (Volume)	100
VOC Content (%)	100	VOC Content (g/L)	790
Vapor Pressure	0.53 mmHg @ 70°F	Vapor Density	4.9 (Air = 1.0)
Solubility	Negligible	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	424 °F / 218 °C	Flammability (solid, gas)	No data available
Flash Point	> 142 °F / > 61 °C	Method	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %	Solvent mixture.	Upper 7.0 Lower 0.6	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition
Incompatible Products	Strong oxidizing agents, Reducing agents, Strong acids, Strong bases.
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides, Hydrocarbons.
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure Skin contact, Eye contact, Inhalation.
Primary Routes of Entry Inhalation, Skin Absorption.

Acute Effects

Eyes	Causes eye irritation.
Skin	Causes skin irritation. May cause allergic skin reaction.
Inhalation	May cause irritation of respiratory tract. Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. May cause allergic respiratory reaction.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

Chronic Toxicity Liver and kidney injuries may occur. May cause sensitization by skin contact. May cause sensitization by inhalation. Prolonged skin contact may defat the skin and produce dermatitis.

Target Organ Effects Central nervous system, Respiratory system, Cardiovascular system, Liver, Kidney, Immune system.

Aggravated Medical Conditions Skin disorders, Respiratory disorders, Heart disease, Lungs, Liver disorders, Kidney disorders.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Petroleum distillates, hydrotreated light	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	no data available	no data available	no data available
D-Limonene	= 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
D-Limonene	no data available	Skin sensitization,	no data available	no data available	CNS, immune system,

	Respiratory sensitization		lungs, liver, kidneys
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Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Petroleum distillates, hydrotreated light	no data available	LC50 = 2.2 mg/L Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h LC50 = 45 mg/L Pimephales promelas 96 h	no data available	LC50 4720 mg/L Dendronereides heteropoda 96 h	N/A
D-Limonene	no data available	LC50 0.619 - 0.796 mg/L Pimephales promelas 96 h LC50 = 35 mg/L Oncorhynchus mykiss 96 h	no data available	no data available	N/A

Persistence and Degradability No information available.

Bioaccumulation No information available.

Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.

Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT	DOT
Proper Shipping Name	<119 Gals: NOT REGULATED >119 GALS: Combustible liquid, n.o.s.
Hazard Class	Combustible liquid
UN-No	NA1993
Packing Group	III
Description	NA1993, Combustible liquid, n.o.s., (Aliphatic Petroleum Distillates, D'limonene), Comb liq, PG III
TDG	
Hazard Class	Combustible Liquid
UN-No	NA1993
Packing Group	III
ICAO	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

15. REGULATORY INFORMATION

Inventories

TSCA Complies

DSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	No	No

CERCLA

16. OTHER INFORMATION

Prepared By	Brittany Wilson
Supersedes Date	09/26/2013
Issuing Date	09/26/2014
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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