

**ATTACHMENT 1****CITY OF PHOENIX****METHOD NUMBERS AND DETECTION LIMITS TABLE****1. Landfill Groundwater Sampling - 19<sup>th</sup> Avenue Landfill and Del Rio Landfill**

<u>Compound</u>	<u>Required Method Number</u> <u>(If Applicable)</u>	<u>Regulatory Reporting</u> <u>Limit</u>
CARBONATE (CAC03)		
BICARBONATE (CAC03)		
HYDROXIDE (CAC03)		
TOTAL ALKALINITY (AS CACO3)		
BIOLOGICAL OXYGEN DEMAND		
CHLORIDE		
CYANIDE, TOTAL		0.2 MG/L
CHEMICAL OXYGEN DEMAND		
FLUORIDE		4.0 MG/L
AMMONIA AS NITROGEN		
NITRATE AS NITROGEN		10.0 MG/L
PH		
PHENOLICS, TOTAL		
SULFATE		400 MG/L
TOTAL DISSOLVED SOLIDS		
TOTAL KJELDAHL NITROGEN		
TOTAL ORGANIC CARBON		
TOTAL ORGANIC HALIDE		
PHOSPHORUS, TOTAL		
SILVER		0.05 MG/L
ARSENIC		0.01 MG/L
BORON		
BARIUM		2.0 MG/L
BERYLLIUM		0.004 MG/L
CALCIUM		
CADMIUM		0.005 MG/L
CHROMIUM		0.05 MG/L
COPPER		1.3 MG/L
IRON		

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MERCURY		0.002 MG/L
POTASSIUM		
MAGNESIUM		
MANGANESE		
SODIUM		
NICKEL		0.1 MG/L
LEAD		0.05 MG/L
ANTIMONY		0.001 MG/L
SELENIUM		0.01 MG/L
THALLIUM		0.002 MG/L
COBALT		
VANADIUM		
ZINC		5.0 MG/L
GROSS ALPHA	EPA 900.0	15 pCi/l
GROSS ALPHA STANDARD DEV.	EPA 900.0	
GROSS BETA	EPA 900.0	50 pCi/l
GROSS BETA STANDARD DEV.	EPA 900.0	
RADON	Lucas Cell Method	
COMBINED URANIUM	EPA 908	
RADIUM 226	EPA 903.1	
RADIUM 228	EPA 904	
CHLOROMETHANE	EPA 624	0.5 UG/L
BROMOMETHANE	EPA 624	0.5 UG/L
DICHLORODIFLUOROMETHANE	EPA 624	
VINYL CHLORIDE	EPA 624	2.0 UG/L
CHLOROETHANE	EPA 624	
METHYLENE CHLORIDE	EPA 624	5.0 UG/L
TRICHLOROFLUOROMETHANE	EPA 624	2100 UG/L
1,1-DICHLOROETHENE	EPA 624	7.0 UG/L
1,1-DICHLOROETHANE	EPA 624	
CHLOROFORM	EPA 624	100 UG/L
1,2-DICHLOROETHANE	EPA 624	5.0 UG/L
1,1,1-TRICHLOROETHANE	EPA 624	200 UG/L

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CARBON TETRACHLORIDE	EPA 624	5.0 UG/L
BROMODICHLOROMETHANE	EPA 624	100 UG/L
1,2-DICHLOROPROPANE	EPA 624	5.0 UG/L
TRANS-1,3-DICHLOROPROPENE	EPA 624	0.5 UG/L
TRICHLOROETHENE	EPA 624	5.0 UG/L
DIBROMOCHLOROMETHANE	EPA 624	100 UG/L
1,1,2-TRICHLOROETHANE	EPA 624	5.0 UG/L
CIS-1,3 DICHLOROPROPENE	EPA 624	0.5 UG/L
2-CHLOROETHYL VINYL ETHER	EPA 624	
BROMOFORM	EPA 624	100 UG/L
1,1,2,2-TETRACHLOROETHANE	EPA 624	0.5 UG/L
TETRACHLOROETHENE	EPA 624	5.0 UG/L
BENZENE	EPA 624	5.0 UG/L
TOLUENE	EPA 624	1000 UG/L
CHLOROBENZENE	EPA 624	100 UG/L
ETHYLBENZENE	EPA 624	700 UG/L
1,3-DICHLOROBENZENE	EPA 624	620 UG/L
1,2-DICHLOROBENZENE	EPA 624	600 UG/L
1,4-DICHLOROBENZENE	EPA 624	75 UG/L
TRICHLOROTRIFLUOROETHANE	EPA 624	210,000 UG/L
ACETONE	EPA 624	700 UG/L
TOTAL XYLENES	EPA 624	10000 UG/L
CIS-1, 2-DICHLOROETHENE	EPA 624	70 UG/L
TRANS-1,2-DICHLOROETHENE	EPA 624	100 UG/L
TOTAL TRIHALOMETHANES	EPA 624	100 UG/L
ALDRIN	EPA 608	
ALPHA BHC	EPA 608	
BETA BHC	EPA 608	
GAMMA BHC (LINDANE)	EPA 608	
DELTA BHC	EPA 608	
CHLORDANE	EPA 608	
4,4'-DDD	EPA 608	
4,4'-DDE	EPA 608	

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4,4'-DDT	EPA 608	
DIELDRIN	EPA 608	
ENDOSULFAN I	EPA 608	
ENDOSULFAN II	EPA 608	
ENDOSULFAN SULFATE	EPA 608	
ENDRIN	EPA 608	
ENDRIN ALDEHYDE	EPA 608	
ENDRIN KETONE	EPA 608	
HEPTACHLOR	EPA 608	
HEPTACHLOR EPOXIDE	EPA 608	
METHOXYCHLOR	EPA 608	
TOXAPHENE	EPA 608	
AROCLOR 1016	EPA 608	
AROCLOR 1221	EPA 608	
AROCLOR 1232	EPA 608	
AROCLOR 1242	EPA 608	
AROCLOR 1248	EPA 608	
AROCLOR 1254	EPA 608	
AROCLOR 1260	EPA 608	
N-NITROSODIMETHYLAMINE	EPA 625	
PHENOL	EPA 625	
ANILINE	EPA 625	
BIS (2-CHLOROETHYL) ETHER	EPA 625	
2-CHLOROPHENOL	EPA 625	
1,3-DICHLOROBENZENE	EPA 625	
BENZYL ALCOHOL	EPA 625	
1,2-DICHLOROBENZENE	EPA 625	
2-METHYLPHENOL	EPA 625	
BIS (2-CHLOROISOPROPYL) ETHER	EPA 625	
4-METHYLPHENOL	EPA 625	
N-NITroso-DI-N-PROPYLAMINE	EPA 625	
HEXACHLOROETHANE	EPA 625	
NITROBENZENE	EPA 625	

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ISOPHORONE	EPA 625	
2-NITROPHENOL	EPA 625	
2,4-DIMETHYLPHENOL	EPA 625	
BENZOIC ACID	EPA 625	
BIS (2-CHLOROETHOXY) METHANE	EPA 625	
2,4-DICHLOROPHENOL	EPA 625	
1,2,4-TRICHLOROBENZENE	EPA 625	
NAPHTHALENE	EPA 625	28 UG/L
4-CHLOROANILINE	EPA 625	
HEXACHLOROBUTADIENE	EPA 625	
4-CHLORO-3-METHYLPHENOL	EPA 625	
2-METHYLNAPHTHALENE	EPA 625	
HEXACHLOROCYCLOPENTADIENE	EPA 625	
2,4,6-TRICHLOROPHENOL	EPA 625	
1,4-DICHLOROBENZNE	EPA 625	
2,4,5-TRICHLOROPHENOL	EPA 625	
2-CHLORONAPHTHALENE	EPA 625	
2-NITROANILINE	EPA 625	
DIMETHYLPHTHALATE	EPA 625	
ACENAPHTHYLENE	EPA 625	
3-NITROANILINE	EPA 625	
ACENAPHTHENE	EPA 625	
2,4-DINITROPHENOL	EPA 625	
4-NITROPHENOL	EPA 625	
DIBENZOFURAN	EPA 625	
2,4-DINITROTOLUENE	EPA 625	
2,6-DINITROTOLUENE	EPA 625	
DIETHYLPHTHALATE	EPA 625	
4-CHLOROPHENYL-PHENYLETHER	EPA 625	
FLUORENE	EPA 625	
4-NITROANILINE	EPA 625	
4, 6-DINITRO-2-METHYLPHENOL	EPA 625	
N-NITROSODIPHENYLAMINE	EPA 625	

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4-BROMOPHENYL-PHENYLETHER	EPA 625	
HEXACHLOROBENZENE	EPA 625	
PENTACHLOROPHENOL	EPA 515.4	1 UG/L
PENTACHLOROPHENOL	EPA 625	1 UG/L
PHENANTHRENE	EPA 625	
ANTHRACENE	EPA 625	
DI-N-BUTYLPHTHALATE	EPA 625	
FLUORANTHENE	EPA 625	
BENZIDINE	EPA 625	
PYRENE	EPA 625	
BUTYLBENZYLPHTHALATE	EPA 625	
3,3'-DICHLOROBENZIDINE	EPA 625	
BENZO (a) ANTHRACENE	EPA 625	
BIS (2-ETHYLHEXYL) PHTHALATE	EPA 625	
CHRYSENE	EPA 625	
DI-N-OCTYLPHTHALATE	EPA 625	
BENZO (b) FLUORANTHENE	EPA 625	
BENZO (k) FLUORANTHENE	EPA 625	
BENZO (a) PYRENE	EPA 625	
INDENO (1,2,3-cd) PYRENE	EPA 625	
DIBENZO (a, h) ANTHRACENE	EPA 625	
BENZO (g, h, i) PERYLENE	EPA 625	

**2. Landfill Groundwater Sampling – 40 CFR 258 – SKUNK CREEK, 27<sup>TH</sup> AVE, SR85 LANDFILL**

<u>Compound</u>	<u>Regulatory Reporting Limit</u>
TOTAL ALKALINITY (AS CaCO <sub>3</sub> )	
CHLORIDE	
FLUORIDE	4 MG/L
NITRATE AS NITROGEN	10 MG/L
TOTAL DISSOLVED SOLIDS	
ARSENIC	0.0092 MG/L
BARIUM	0.05 MG/L
CADMIUM	0.0028 MG/L

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CHROMIUM	0.017 MG/L
COPPER	0.015 MG/L
LEAD	0.004 MG/L
MERCURY	0.0002 MG/L
NICKEL	0.017 MG/L
SELENIUM	0.005 MG/L
SILVER	0.05 MG/L
THALLIUM	0.001 MG/L
ZINC	0.02 MG/L
CYANIDE	
1,1,1,2-TETRACHLOROETHANE	2 UG/L
1,1,1-TRICHLOROETHANE	2 UG/L
1,1,2,2-TETRACHLOROETHANE	2 UG/L
1,1,2-TRICHLOROETHANE	2 UG/L
1,1-DICHLOROETHANE	2 UG/L
1,1-DICHLOROETHENE	2 UG/L
1,2,3-TRICHLOROPROPANE	2 UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.2 UG/L
1,2-DIBROMOETHANE (EDB)	0.05 UG/L
1,2-DICHLOROBENZENE	2 UG/L
1,2-DICHLOROETHANE	2 UG/L
1,2-DICHLOROPROPANE	2 UG/L
1,4-DICHLOROBENZENE	2 UG/L
2-BUTANONE (METHYL ETHYL KETONE)	10 UG/L
2-HEXANONE (METHYL BUTYL KETONE)	10 UG/L
4-METHYL-2-PENTANONE (METHYL ISOBUTYL KETONE)	10 UG/L
ACETONE	10 UG/L
ACRYLONITRILE	50 UG/L
BENZENE	2 UG/L
BROMOCHLOROMETHANE	2 UG/L
BROMODICHLOROMETHANE	2 UG/L
BROMOFORM	2 UG/L

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BROMOMETHANE	5 UG/L
CARBON DISULFIDE	2 UG/L
CARBON TETRACHLORIDE	2 UG/L
CHLOROBENZENE	2 UG/L
CHLOROETHANE	5 UG/L
CHLOROFORM	2 UG/L
CHLOROMETHANE	0.5 UG/L
CIS-1,2-DICHLOROETHENE	2 UG/L
CIS-1,3-DICHLOROPROPENE	2 UG/L
DIBROMOCHLOROMETHANE	2 UG/L
DIBROMOMETHANE (METHYLENE BROMIDE)	2 UG/L
ETHYLBENZENE	2 UG/L
IODOMETHANE (METHYL IODIDE)	2 UG/L
METHYLENE CHLORIDE	3 UG/L
STYRENE	2 UG/L
TETRACHLOROETHENE	2 UG/L
TOLUENE	2 UG/L
TRANS-1,2-DICHLOROETHENE	2 UG/L
TRANS-1,3-DICHLOROPROPENE	2 UG/L
TRANS-1,4-DICHLORO-2-BUTENE	10 UG/L
TRICHLOROETHENE	2 UG/L
TRICHLOROFLUOROMETHANE	2 UG/L
VINYL ACETATE	10 UG/L
VINYL CHLORIDE	2 UG/L
TOTAL XYLENES	6 UG/L

**3. Condensate Sampling (From Phoenix City Code – Section 28-8(l) and Section 28-45(b))**

<b>Compound</b>	<b>Regulatory Reporting Limit</b>
BENZENE	35 UG/L
CHLOROFORM	2000 UG/L
ARSENIC	0.13 MG/L
CADMIUM	0.047 MG/L



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COPPER	1.5 MG/L
CYANIDE	2.0 MG/L
LEAD	0.41 MG/L
MERCURY	0.0023 MG/L
SELENIUM	0.10 MG/L
SILVER	1.2 MG/L
ALDRIN	Any detection
ZINC	3.5 MG/L
BHC-alpha	Any detection
BHC-beta	Any detection
BHC-gamma (Lindane)	Any detection
4,4'-DDE	Any detection
4,4'-DDT	Any detection
Heptachlor	Any detection
Heptachlor Epoxide	Any detection
Arochlor 1016	Any detection
Arochlor 1221	Any detection
Arochlor 1232	Any detection
Arochlor 1242	Any detection
Arochlor 1248	Any detection
Arochlor 1254	Any detection
Arochlor 1260	Any detection

**Note:** Additional condensate, leachate and brine sampling may be requested for any of the constituents listed above. Additional condensate, leachate, and brine sampling other than those constituents listed above may also be requested.



**OFFER**

(please complete, sign, and return with the submittal)

**TO THE CITY OF PHOENIX** - The Undersigned hereby offers and agrees to furnish the material and or service(s) in compliance with all terms, conditions, specifications, and addenda issued as a result of a solicitation.

Arizona Sales Tax No. \_\_\_\_\_  
Use Tax No. for Out-of-State Suppliers \_\_\_\_\_  
City of Phoenix Sales Tax No. \_\_\_\_\_  
Arizona Corporation Commission File No. \_\_\_\_\_

Taxpayer's Federal Identification No.: If recommended for contract award, Offeror agrees to provide its federal taxpayer identification number or as applicable its social security number to the City of Phoenix for the purposes of reporting to appropriate taxing authorities, monies paid by the City of Phoenix under the awarded contract. If the Offeror provides its social security number, the City will only share this number with appropriate state and federal officials. This submission is mandatory under 26 U.S.C. § 6041A.

<b>Enter City's Registration System ID Number</b> Located at City's eProcurement website (see SECTION 2 – INSTRUCTIONS - CITY'S REGISTRATION)	
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Offeror has read, understands, and will fully and faithfully comply with this solicitation, its attachments and any referenced documents. Offeror certifies that the prices offered were independently developed without consultation with any other Offeror or potential Offerors.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name and Title  
(*President, Manager, Member*)

\_\_\_\_\_  
Offeror Legal Name and Company Type  
(*LLC, Inc., Sole Proprietor*)

Street Address: \_\_\_\_\_  
City, State, Zip Code: \_\_\_\_\_  
Telephone Number: \_\_\_\_\_  
Email Address: \_\_\_\_\_

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**ACCEPTANCE OF OFFER**

The Offer is hereby accepted.

The Contractor is now bound to sell the material(s) or service(s) listed by the attached contract and based upon the solicitation, including all terms, conditions, specifications, amendments, etc. and the Contractor's Offer as accepted by the City.

This contract shall henceforth be referred to as Contract No. \_\_\_\_\_. The Contractor has been cautioned not to commence any billable work or provide any material or service under this contract until Contractor receives purchase order, or contract documentation.

**CITY OF PHOENIX**  
A Municipal Corporation  
Jeffrey Barton, City Manager

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Director or delegate:  
Title:  
Department:

Attest:

\_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_ 2024

City Clerk

Approved as to form this 19th day of January 2017. This document has been approved as to form by the City Attorney and is on file with the City Clerk. It need not be submitted to the City Attorney for approval unless the form document is altered.

### CONFLICT OF INTEREST AND TRANSPARENCY FORM

(please complete, sign, and return with the submittal)

This form must be signed and submitted to the City and all questions must be answered (or N/A) or your Offer may be considered non-responsive.

1. Name of person submitting this disclosure form.

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First	MI	Last	Suffix
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2. Contract Information

Solicitation # or Name:

3. Name of individual(s) or entity(ies) seeking a contract with the City (i.e. parties to the Contract)

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4. List any individuals(s) or entity(ies) that are owners, partners, parent, sublessees, joint venture, or subsidiaries of the individual or entity listed in Question 3. Please include all Board members, executive committee members and officers for each entry. If not applicable, indicate N/A.

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5. List any individuals or entities that will be subcontractors on this contract or indicate N/A.

- Subcontractors may be retained, but not known as of the time of this submission.
- List of subcontracts, including the name of the owner(s) and business name:

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6. List any attorney, lobbyist, or consultant retained by any individuals listed in Questions 3, 4, or 5 to assist in the proposal or seeking the resulting contract. If none, indicate N/A.

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**7. Disclosure of Conflict of Interest:**

**A. City Code Section 43-34**

Are you aware of any fact(s) with regard to this solicitation or resulting contract that would raise a “conflict of interest” issue under City Code Section 43-34?

“An elected City official or a City employee shall not represent any person or business for compensation before the City regarding any part of a procurement, including any resulting contract, if during the time the elected official is or was in office or the employee is or was employed by the City such elected official or employee played a material or significant role in the development of the solicitation, any other part of the procurement, or the contract award.”

- I am not aware of any conflict(s) of interest under City Code Section 43-34.
- I am aware of the following potential or actual conflict(s) of interest:

**B. ARS Sections 38-501 et. Seq. & City Charter Chapter 11**

State law and the Phoenix City Charter and Code prohibit public officers or employees, their close relatives, and any businesses they, or their relatives, own from (1) representing before the City any person or business for compensation, (2) doing business with the City by any means other than through a formal procurement, and (3) doing business with the City without disclosing that the person has an interest in the contract. This prohibition extends to subcontracts on City contracts and also applies to parent, subsidiary, or partner businesses owned by a public officer or employee. See A.R.S. Sections 38-501 through 38-511, for more information (City Charter, Chapter 11, applies the state conflict-of-interest law to City employees).

Please note that any contract in place at the time a person becomes a public officer or employee may remain in effect. But the contract may not be amended, extended, modified, or changed in any manner during the officer’s or employee’s city service without following city administrative regulations.

Are you aware of any fact(s) with regard to this contract that would raise a “conflict of interest” issue under A.R.S. Sections 38-501 through 38-511 (See Arizona Revised Statutes regarding conflict of interest at [www.azleg.gov](http://www.azleg.gov)).

- I am not aware of any conflict(s) of interest under Arizona Revised Statutes Sections 38-501 through 38-511.
- I am aware of the following conflict(s) of interest:

**8. Acknowledgements**

**A.Solicitation Transparency Policy – No Contact with City Officials or Staff During Evaluation**

- I understand that a person or entity who seeks or applies for a city contract, or any other person acting on behalf of that person or entity, is prohibited from contacting city officials and employees regarding the contract after a solicitation has been posted.
  
- This “no-contact” provision only concludes when the contract is awarded at a City Council meeting. If contact is required with City official or employees, the contact will take place in accordance with procedures by the City. Violation of this prohibited contacts provision, set out in City Code Sections 2-190.4 and 43-36, by respondents, or their agents, will lead to **disqualification**.

**B.Fraud Prevention and Reporting Policy**

- I acknowledge that the City has a fraud prevention and reporting policy and takes fraud seriously. I will report fraud, suspicion of fraud, or any other inappropriate action to: telephone no. 602-261-8999 or 602-534-5500 (TDD); or [aud.integrity.line@phoenix.gov](mailto:aud.integrity.line@phoenix.gov).

The purpose of the fraud policy is to maintain the City's high ethical standards. The policy includes a way for our business partners to report wrongdoing or bad behavior. Suspected fraud should be reported immediately to the Phoenix Integrity Line. The City has adopted a zero-tolerance policy regarding fraud.

**OATH**

I affirm that the statements contained in this form, including any attachments, to the best of my knowledge and belief are true, correct, and complete.  
 Should any of the answers to the above questions change during the course of the contract, particularly as it relates to any changes in ownership, applicant agrees to update this form with the new information within 30 days of such changes. Failure to do so may be deemed a breach of contract.

PRINT NAME

TITLE

SIGNATURE

DATE

COMPANY (CORPORATION, LLC, ETC.) NAME and DBA

1. **NOTICES AND CONTACTS:** Any notice, consent, or other communication required or permitted under this Agreement shall be in writing and either delivered in person, sent by facsimile transmission, sent by email, deposited in the United States Mail, postage prepaid, registered or certified mail, return receipt requested, or deposited with any commercial air courier or express service addressed as follows:

**GENERAL COMMUNICATION INTENDED FOR PROPOSER:**

Organization Name \_\_\_\_\_  
Attn \_\_\_\_\_  
Address \_\_\_\_\_  
City, State and Zip Code \_\_\_\_\_  
Telephone \_\_\_\_\_  
Fax \_\_\_\_\_  
Email \_\_\_\_\_

**WITH A REQUIRED COPY TO:**

Organization Name \_\_\_\_\_  
Attn \_\_\_\_\_  
Address \_\_\_\_\_  
City, State and Zip Code \_\_\_\_\_  
Telephone \_\_\_\_\_  
Fax \_\_\_\_\_  
Email \_\_\_\_\_

**ACCOUNTS RECEIVABLE CONTACT: If different than above.**

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State and Zip Code \_\_\_\_\_  
Telephone \_\_\_\_\_  
Email \_\_\_\_\_

Solicitation Number:IFB 25-SWDD-028  
Title: Environmental Analysis at City Landfills  
Offer Due Date: October 9, 2024 at 11:00am

**OPERATIONS CONTACT: If different than above.**

Name \_\_\_\_\_

Address \_\_\_\_\_

City, State and Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_

**INSURANCE CONTACT: If different than above.**

Name \_\_\_\_\_

Address \_\_\_\_\_

City, State and Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_

**EMERGENCY 24-HOUR SERVICE CONTACT: If different than above.**

Name \_\_\_\_\_

Address \_\_\_\_\_

City, State and Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_



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## CONTRACTOR LICENSING REQUIREMENTS

(please complete and return with the submittal)

Offeror shall comply with all statutes and rules of the State of Arizona and the Registrar of Contractors. In accordance with A.R.S. § 32-1151, and unless otherwise exempted by A.R.S. § 32-1121, Offeror shall have the correct class of license as required by the Registrar of Contractors for the work specified, at the time of offer submission.

Offeror certifies possession of the following license:

Licensed Contractor's Name \_\_\_\_\_

Class \_\_\_\_\_

License Number. \_\_\_\_\_

Expiration Date \_\_\_\_\_