### Request for Proposal Number 111124 O3

| B. WASTE DESCRIPTION WASTE DESCRIPTION:                                                                     | COD WASTE              |                                           |                                       |                                  |                         |  |  |
|-------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------|---------------------------------------|----------------------------------|-------------------------|--|--|
| PROCESS GENERATING V                                                                                        |                        | WASTE                                     |                                       |                                  |                         |  |  |
| IS THIS WASTE CONTAINE                                                                                      | ED IN SMALL PACKAG     | ING CONTAINED WITHIN A LARGER SI          | HIPPING CONTAINER ? No                | )                                |                         |  |  |
| C. PHYSICAL PROPERTIE                                                                                       | S (at 25C or 77F)      |                                           |                                       |                                  |                         |  |  |
| PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE |                        | % BT VOLUME (Approx.)                     | 0.00<br>DLE 0.00<br>TOM 0.00          | COLOR YELLOW                     |                         |  |  |
| % FREE LIQUID<br>% SETTLED SOLID                                                                            |                        | ODOR                                      |                                       | > 10,000                         |                         |  |  |
| % TOTAL SUSPENDE                                                                                            | ED SOLID               | NONE MILD                                 | BOILING POINT °F (°C)<br><= 95 (<=35) | MELTING POINT °F (°C)            | TOTAL ORGANIC<br>CARBON |  |  |
| GAS/AEROSOL                                                                                                 |                        | STRONG                                    | 95 - 100 (35-38)                      | < 140 (<60)<br>140-200 (60-93)   | <= 1%                   |  |  |
| 3,13,12,13,3,2                                                                                              |                        | Describe:                                 | 101 - 129 (38-54)                     |                                  | 1-9%                    |  |  |
|                                                                                                             |                        | 1                                         | >= 130 (>54)                          | > 200 (>93)                      | >= 10%                  |  |  |
| FLASH POINT °F (°C)                                                                                         | pH                     | SPECIFIC GRAVITY                          | ASH                                   | BTU/LB (MJ/kg)                   |                         |  |  |
| < 73 (<23)                                                                                                  | <= 2                   | < 0.8 (e.g. Gasoline)                     | < 0.1                                 | > 20                             |                         |  |  |
| 73 - 100 (23-38)                                                                                            | 2.1 - 6.9              | 0.8-1.0 (e.g. Ethanol)                    | _                                     |                                  | 00 (4.6-11.6)           |  |  |
| 101 -140 (38-60)                                                                                            | 7 (Neutral)            | ✓ 1.0 (e.g. Water)                        | 1.1 - 5.0                             |                                  | 000 (11.6-23.2)         |  |  |
| 141 -200 (60-93)                                                                                            | 7.1 - 12.4             | 1.0-1.2 (e.g. Antifreeze)                 | 5.1 - 20.0                            | > 10,000                         | (>23.2)                 |  |  |
| > 200 (>93)                                                                                                 | >= 12.5                | > 1.2 (e.g. Methylene Chloride)           | 0.1 20.0                              | Actual:                          |                         |  |  |
|                                                                                                             |                        | on of the waste, include any inert compon | ents and/or debris. Ranges for it     | ndividual components are accepta | ble. If a trade name is |  |  |
|                                                                                                             | , please supply an MSD | S. Please do not use abbreviations.)      |                                       |                                  |                         |  |  |
| CHEMICAL                                                                                                    |                        |                                           |                                       | MIN                              | MAX UOM                 |  |  |
| CHROMIUM                                                                                                    |                        |                                           |                                       | 0.0000000                        | 1.0000000 %             |  |  |
| COD WASTE                                                                                                   |                        |                                           |                                       | 100.0000000                      | 100.0000000 %           |  |  |
| MERCURIC SULFATE                                                                                            |                        |                                           |                                       | 1.0000000                        | 5.0000000 %             |  |  |
| MERCURY                                                                                                     |                        |                                           |                                       | 0.0000000                        | 1.0000000 %             |  |  |
| SILVER                                                                                                      |                        |                                           |                                       | 0.0000000                        | 1.0000000 %             |  |  |
| SULFURIC ACID                                                                                               |                        |                                           |                                       | 1.0000000                        | 20.0000000 %            |  |  |
| G. DOT/TDG INFORMATIO                                                                                       | ING NAME:              |                                           | ACID, MERCURIC SULFA                  | NTE), 8, (6.1), PG II            |                         |  |  |
| B. WASTE DESCRIPTION<br>WASTE DESCRIPTION:                                                                  | CYANIDE QC AND         | STANDARDS                                 |                                       |                                  |                         |  |  |
| PROCESS GENERATING                                                                                          | WASTE: TES             | TING                                      |                                       |                                  |                         |  |  |
| IS THIS WASTE CONTAIN                                                                                       | ED IN SMALL PACKAG     | ING CONTAINED WITHIN A LARGER S           | HIPPING CONTAINER? No                 | 0                                |                         |  |  |
| C. PHYSICAL PROPERTIE                                                                                       | S (at 25C or 77F)      |                                           |                                       |                                  |                         |  |  |
| PHYSICAL STATE                                                                                              | ( 200 0 )              | NUMBER OF PHASES/LAYERS                   |                                       | VISCOSITY (If liquid present)    | COLOR                   |  |  |
| SOLID WITHOUT FRE                                                                                           | E LIQUID               | ▼ 1 2 3 TOF                               | 0.00                                  | 1 - 100 (e.g. Water)             | 5525.1                  |  |  |
| POWDER<br>MONOLITHIC SOLID                                                                                  |                        | % BY VOLUME (Approx.)                     | DDLE 0.00                             | 101 - 500 (e.g. Motor Oil)       | <u>VARIES</u>           |  |  |
| LIQUID WITH NO SOLI                                                                                         | IDS                    | 76 BT VOLONIL (Approx.)                   | TTOM 0.00                             | 501 - 10,000 (e.g. Molasse       | s)                      |  |  |
| LIQUID/SOLID MIXTUR                                                                                         |                        |                                           | 1                                     | > 10.000                         | /                       |  |  |
| % FREE LIQUID ODOR                                                                                          |                        |                                           |                                       | ,                                | TOTAL OBOANIO           |  |  |
| % TOTAL SUSPENDE                                                                                            | ED SOLID               | W NONE BOILING POINT °F (°C)              |                                       | MELTING POINT °F (°C)            | TOTAL ORGANIC CARBON    |  |  |
| SLUDGE                                                                                                      |                        | MILD <= 95 (<=35)                         |                                       | < 140 (<60)                      | <= 1%                   |  |  |
| GAS/AEROSOL                                                                                                 |                        | STRONG 95 - 100 (35-38)                   |                                       | 140-200 (60-93)                  | 1-9%                    |  |  |
|                                                                                                             |                        | Describe:                                 | 101 - 129 (38-54)<br>>= 130 (>54)     | > 200 (>93)                      | >= 10%                  |  |  |
|                                                                                                             |                        |                                           | >= 130 (>54)                          |                                  |                         |  |  |
| FLASH POINT °F (°C) pH SPECIFIC GRAVITY                                                                     |                        | SPECIFIC GRAVITY                          | ASH                                   | BTU/LB (MJ/kg                    | )                       |  |  |
| < 73 (<23)                                                                                                  | <= 2                   | < 0.8 (e.g. Gasoline)                     | < 0.1                                 | > 20                             | (<4.6)                  |  |  |
| 73 - 100 (23-38)                                                                                            | 2.1 - 6.9              | 0.8-1.0 (e.g. Ethanol)                    | 0.1 - 1.0                             | 2,000-5,000 (4.6-11.6)           |                         |  |  |
| 101 -140 (38-60)                                                                                            |                        |                                           |                                       | 5,000-10,000 (11.6-23.2)         |                         |  |  |
| 141 -200 (60-93)                                                                                            | 7.1 - 12.4             | 1.0-1.2 (e.g. Antifreeze)                 | 5.1 - 20.0                            | > 10,000                         | (>23.2)                 |  |  |
| > 200 (>93)                                                                                                 | >= 12.5                | > 1.2 (e.g. Methylene Chloride)           | 0.1-20.0                              | Actual:                          |                         |  |  |

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|             | D. COMPOSITIO           |             |                          | on of the waste, include any inert compo<br>S. Please do not use abbreviations.) | onents and/or debris. Ranges fo  | r individual com        | ponents are accept     | able. If a trade name is |        |
|-------------|-------------------------|-------------|--------------------------|----------------------------------------------------------------------------------|----------------------------------|-------------------------|------------------------|--------------------------|--------|
|             | CHEMICAL                | usc         | и, рісазе зарріў ан імос | o. Ficase do not use abbreviations.                                              |                                  |                         | MIN                    | MAX                      | UOM    |
|             | POTASSIUM CYANIDE       |             |                          |                                                                                  |                                  |                         |                        |                          |        |
|             | SODIUM HYD              |             |                          |                                                                                  | 0.0000000                        | 1.0000000<br>5.0000000  | PPM<br>%               |                          |        |
|             | WATER                   |             |                          |                                                                                  |                                  | 95.0000000              | 100.0000000            | · <del>/</del>           |        |
|             |                         |             |                          |                                                                                  |                                  |                         |                        |                          |        |
|             | F. REGULATOR YES        |             |                          | WACTED.                                                                          |                                  |                         |                        |                          |        |
|             | YES                     | Г           | USEPA HAZARDOUS V        | WASTE?                                                                           |                                  |                         |                        |                          |        |
|             |                         |             | D002 D003                |                                                                                  |                                  |                         |                        |                          |        |
|             | G. DOT/TDG IN           |             |                          |                                                                                  |                                  |                         |                        |                          |        |
|             | DOT/TDG PROP            |             |                          |                                                                                  |                                  |                         |                        |                          |        |
|             | UN193                   | 5, WAST     | E CYANIDE SOLUTI         | ONS, N.O.S., (WATER, CYANIDE                                                     | REACTIVE), 6.1, PG II            |                         |                        |                          |        |
|             |                         |             |                          |                                                                                  |                                  |                         |                        |                          |        |
|             | D WASTE DES             | CDIDTION    |                          |                                                                                  |                                  |                         |                        |                          |        |
|             | WASTE DESCR             |             | HPLC WASTE               |                                                                                  |                                  |                         |                        |                          |        |
|             | PROCESS GEN             | ERATING     | WASTE: ANA               | LYTICAL WASTE STREAM                                                             |                                  |                         |                        |                          |        |
|             | IS THIS WASTE           | CONTAIN     | ED IN SMALL PACKAGI      | NG CONTAINED WITHIN A LARGER S                                                   | HIPPING CONTAINER ? N            | 0                       |                        |                          |        |
|             | C. PHYSICAL P           | ROPERTIE    | ES (at 25C or 77F)       |                                                                                  |                                  |                         |                        |                          |        |
|             | PHYSICAL STA            |             | (,                       | NUMBER OF PHASES/LAYERS                                                          |                                  | VISCOSITY               | If liquid present)     | COLOR                    | $\neg$ |
|             | SOLID WITH<br>POWDER    |             | E LIQUID                 | ✓ 1 2 3 TOF                                                                      | 0.00                             | 1 - 100 (               |                        |                          |        |
|             | MONOLITHI               | IC SOLID    |                          | % BY VOLUME (Approx.) MID                                                        | DLE 0.00                         | 101 - 500               | (e.g. Motor Oil)       | <u>VARIES</u>            |        |
|             | LIQUID WIT              | H NO SOL    |                          | BO                                                                               | TTOM 0.00                        | 501 - 10,               | 000 (e.g. Molasses)    |                          |        |
|             | LIQUID/SOL<br>% FREE LI |             | RE                       | ODOR                                                                             |                                  | > 10,000                |                        |                          |        |
|             | % SETTLE<br>% TOTAL :   |             | ED SOLID                 | NONE                                                                             | BOILING POINT °F (°C)            |                         |                        |                          | $\neg$ |
|             | SLUDGE                  | SUSFLIND    | ED SOLID                 | ✓ MILD                                                                           | <= 95 (<=35)                     |                         |                        | CARBON                   |        |
|             | GAS/AEROS               | SOL         |                          | STRONG                                                                           | 95 - 100 (35-38)                 | 440,000 (00,00)         |                        | <= 1%                    |        |
|             |                         |             |                          | Describe:                                                                        | 101 - 129 (38-54)                | . 000 (. 00)            |                        | 1-9%                     |        |
|             |                         |             |                          |                                                                                  | >= 130 (>54)                     | 20                      | 0 (>33)                | >= 10%                   |        |
|             | FLASH POINT °           | F (°C)      | рН                       | SPECIFIC GRAVITY                                                                 | ASH                              |                         | BTU/LB (MJ/kg)         |                          |        |
|             | < 73 (<23               | 3)          | <= 2                     | < 0.8 (e.g. Gasoline)                                                            | < 0.1                            | > 20                    | < 2,000 (<             | 4.6)                     |        |
|             | 73 - 100                | (23-38)     | 2.1 - 6.9                | 0.8-1.0 (e.g. Ethanol)                                                           | 0.1 - 1.0                        | Unknown                 | 2,000-5,00             | 00 (4.6-11.6)            |        |
|             | 101 -140                | (38-60)     | 7 (Neutral)              | 1.0 (e.g. Water)                                                                 | 1.1 - 5.0                        | Onkalowii               | 5,000-10,0             | 000 (11.6-23.2)          |        |
|             | 141 -200                | (60-93)     | 7.1 - 12.4               | 1.0-1.2 (e.g. Antifreeze)                                                        | 5.1 - 20.0                       |                         | > 10,000 (             | >23.2)                   |        |
|             | > 200 (>9               | 93)         | >= 12.5                  | > 1.2 (e.g. Methylene Chloride)                                                  | 0.1 - 20.0                       |                         | Actual:                |                          |        |
| D. COMPOSIT |                         | complete co | omposition of the waste, | include any inert components and/or del                                          | oris. Ranges for individual comp | onents are acce         | eptable. If a trade na | ime is                   |        |
|             | used, plea              | ase supply  | an MSDS. Please do no    | t use abbreviations.)                                                            |                                  |                         |                        |                          |        |
| CHEMICAL    |                         |             |                          |                                                                                  |                                  | MIN                     |                        | MAX UOM                  |        |
| ETHYL ACE   |                         |             |                          |                                                                                  |                                  | 5.0000000               | 10.0000                |                          |        |
| HEXANE      |                         |             |                          |                                                                                  |                                  | 5.0000000               | 10.000                 |                          |        |
| METHANOL    |                         |             |                          |                                                                                  |                                  | 5.0000000<br>20.0000000 | 10.0000<br>30.0000     |                          |        |
|             | DIITVI KETO             | NE          |                          |                                                                                  |                                  | 5.0000000               |                        |                          |        |
|             |                         |             |                          |                                                                                  |                                  |                         |                        |                          |        |
|             |                         |             |                          |                                                                                  |                                  |                         |                        |                          |        |
|             | EHYDE, N,N-D            | IMETHY      |                          |                                                                                  |                                  | 0.0000000               | 1.0000                 |                          |        |
| SODIUM BO   |                         | INIC ITILI  |                          |                                                                                  |                                  | 0.0000000               | 5.000                  |                          |        |
| WATER       | INCIL.                  |             |                          |                                                                                  |                                  | 10.0000000              | 20.000                 |                          |        |
| WATER       |                         |             |                          | •••••                                                                            |                                  | 10.0000000              | 20.000                 | /0                       |        |
|             | F. REGULATOR            | RY STATU    | IS                       |                                                                                  |                                  |                         |                        |                          |        |
|             | YES YES                 |             | USEPA HAZARDOUS          | WASTE?                                                                           |                                  |                         |                        |                          |        |
|             |                         |             | D001 F002 F003           |                                                                                  |                                  |                         |                        |                          |        |

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (ETHYL ACETATE, METHANOL), 3, PG II

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| WASTE DESCRIPTION: M                                                                                                                                 | ERCURY WASTE                                                                                  |                                                                                                                                                 |                                                                                                |                                                                            |                                                                   |                                                                                              |                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------|--|
| PROCESS GENERATING WA                                                                                                                                | STE: LAB                                                                                      | WASTE                                                                                                                                           |                                                                                                |                                                                            |                                                                   |                                                                                              |                                         |  |
| IS THIS WASTE CONTAINED                                                                                                                              | IN SMALL PACKAGI                                                                              | NG CONTAINED WITHIN A LARGER S                                                                                                                  | HIPPING CONTAINER ? No                                                                         |                                                                            |                                                                   |                                                                                              |                                         |  |
| C. PHYSICAL PROPERTIES (                                                                                                                             | at 25C or 77F)                                                                                |                                                                                                                                                 |                                                                                                |                                                                            |                                                                   |                                                                                              |                                         |  |
| PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID                            |                                                                                               | NUMBER OF PHASES/LAYERS  1 2 3 TOP  BY VOLUME (Approx.) MIDI  BOT                                                                               | • • • • • • • • • • • • • • • • • • • •                                                        |                                                                            |                                                                   | COLOR<br>CLEAR/BL<br>UE                                                                      |                                         |  |
| % SETTLED SOLID<br>% TOTAL SUSPENDED<br>SLUDGE                                                                                                       | SOLID                                                                                         | NONE  MILD                                                                                                                                      | BOILING POINT °F (°C)<br><= 95 (<=35)<br>95 - 100 (35-38)                                      | MELTING POINT °F<br>< 140 (<60)                                            | CA                                                                | TOTAL ORGANIC<br>CARBON <= 1%                                                                |                                         |  |
| GAS/AEROSOL                                                                                                                                          |                                                                                               | STRONG Describe:                                                                                                                                | 101 - 129 (38-54)                                                                              |                                                                            | 140-200 (60-93)<br>> 200 (>93)                                    |                                                                                              | 1-9%<br>>= 10%                          |  |
| < 73 (<23)<br>73 - 100 (23-38)<br>101 -140 (38-60)                                                                                                   | pH  <= 2  2.1 - 6.9  7 (Neutral)                                                              | SPECIFIC GRAVITY  < 0.8 (e.g. Gasoline)  0.8-1.0 (e.g. Ethanol)  ✓ 1.0 (e.g. Water)                                                             |                                                                                                | > 20<br>Unknown                                                            | /LB (MJ/kg)<br>< 2,000 (<4.6)<br>2,000-5,000 (4<br>5,000-10,000 ( |                                                                                              |                                         |  |
| 141 -200 (60-93)<br>> 200 (>93)                                                                                                                      | 7.1 - 12.4<br>>= 12.5                                                                         | 1.0-1.2 (e.g. Antifreeze) > 1.2 (e.g. Methylene Chloride)                                                                                       | 5.1 - 20.0                                                                                     | Actua                                                                      | > 10,000 (>23.:<br>al:                                            | 2)                                                                                           |                                         |  |
| G. DOT/TDG INFORMATION DOT/TDG PROPER SHIPPING UN2922, WASTE CO B. WASTE DESCRIPTION WASTE DESCRIPTION PROCESS GENERATING WA IS THIS WASTE CONTAINED | NATE TE EPA HAZARDOUS V 102 D009  S NAME: ORROSIVE LIQUII  HA3/CN ASTE: ANA D IN SMALL PACKAG | DS, TOXIC, N.O.S., (SULFURIC A                                                                                                                  |                                                                                                | 5.000<br>0.000<br>10.00<br>5.000<br>5.000<br>40.000                        | 0000<br>0000<br>00000<br>0000<br>00000                            | 10.0000000<br>2.0000000<br>1.0000000<br>15.0000000<br>10.0000000<br>20.0000000<br>60.0000000 | % - % - % - % - % - % - % - % - % - % - |  |
| C. PHYSICAL PROPERTIES                                                                                                                               | (at 25C or 77F)                                                                               |                                                                                                                                                 |                                                                                                | -                                                                          |                                                                   |                                                                                              |                                         |  |
| PHYSICAL STATE SOLID WITHOUT FREE L POWDER MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE                                               | S                                                                                             | 76 DT VOLUNIL (Approx.)                                                                                                                         | DDLE 0.00<br>DTTOM 0.00                                                                        |                                                                            | Water)                                                            | COLOR<br>GOLDEI<br>BROWN                                                                     |                                         |  |
| % FREE LIQUID % SETTILED SOLID % TOTAL SUSPENDED SLUDGE GAS/AEROSOL                                                                                  |                                                                                               | ODOR NONE MILD STRONG Describe:                                                                                                                 | BOILING POINT °F (°C)<br><= 95 (<=35)<br>95 - 100 (35-38)<br>101 - 129 (38-54)<br>>= 130 (>54) | > 10,000  MELTING POINT °F (°C)  < 140 (<60)  140-200 (60-93)  > 200 (>93) |                                                                   | TOTAL ORGANIC<br>CARBON <= 1%                                                                |                                         |  |
| FLASH POINT °F (°C)  < 73 (<23)  73 - 100 (23-38)  101 -140 (38-60)  141 -200 (60-93)    > 200 (>93)                                                 | pH <= 2<br>2.1 - 6.9<br>7 (Neutral)<br>▼ 7.1 - 12.4<br>>= 12.5                                | SPECIFIC GRAVITY  < 0.8 (e.g. Gasoline)  0.8-1.0 (e.g. Ethanol)  ✓ 1.0 (e.g. Water)  1.0-1.2 (e.g. Antifreeze)  > 1.2 (e.g. Methylene Chloride) | ASH  < 0.1  0.1 - 1.0  1.1 - 5.0  5.1 - 20.0                                                   | > 20<br>Unknown                                                            | 2,000-5,000                                                       | (4.6-11.6)<br>0 (11.6-23.2)                                                                  |                                         |  |

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|                                |                                | on of the waste, include any inert compon<br>S. Please do not use abbreviations.) | ents and/or debris. Ranges for inc   | dividual components are acceptable. | If a trade name is      |
|--------------------------------|--------------------------------|-----------------------------------------------------------------------------------|--------------------------------------|-------------------------------------|-------------------------|
| CHEMICAL                       | used, piease supply all inisb  | o. Flease do not use abbreviations.)                                              |                                      | MIN                                 | MAX UOM                 |
| BARBITURIC ACID                |                                |                                                                                   |                                      | 1.0000000                           | 2.0000000 %             |
| CHLORAMINE                     |                                |                                                                                   |                                      | 1.0000000                           | 5.0000000 %             |
| HYDROCHLORIC A                 | CID                            |                                                                                   |                                      | 1.0000000                           | 2.0000000 %             |
| HYDROCYANIC AC                 | ID                             |                                                                                   |                                      | 1.0000000                           | 5.0000000 %             |
| HYPOCHLORIDE                   |                                |                                                                                   |                                      | 1.0000000                           | 5.0000000 %             |
| PHENOL                         |                                |                                                                                   |                                      | 5.0000000                           | 10.0000000 %            |
| POTASSIUM DIHYI                | ROGEN PHOSPHATE                |                                                                                   |                                      | 5.0000000                           | 10.0000000 %            |
| PYRIDINE                       |                                |                                                                                   |                                      | 5.0000000                           | 10.0000000 %            |
| SODIUM HYDROXI                 | DE                             |                                                                                   |                                      | 40.0000000                          | 50.0000000 %            |
| SODIUM NITROPRI                | USSIDE                         |                                                                                   |                                      | 5.0000000                           | 10.0000000 %            |
| F. REGULATORY STA              | ATUS                           |                                                                                   |                                      |                                     |                         |
| YES NO                         | USEPA HAZARDOUS V              | WASTE?                                                                            |                                      |                                     |                         |
|                                | D002 D038 U188                 |                                                                                   |                                      |                                     |                         |
| G. DOT/TDG INFORM              | ATION                          |                                                                                   |                                      |                                     |                         |
| DOT/TDG PROPER SH              |                                |                                                                                   |                                      |                                     |                         |
| UN2922, WA                     | STE CORROSIVE LIQU             | IIDS, TOXIC, N.O.S., (SODIUM HY                                                   | DROXIDE, PHENOL), 8, (6.             | 1), PG II                           |                         |
|                                |                                |                                                                                   |                                      |                                     |                         |
|                                |                                |                                                                                   |                                      |                                     |                         |
|                                |                                |                                                                                   |                                      |                                     |                         |
| B. WASTE DESCRIPT              | ION                            |                                                                                   |                                      |                                     |                         |
| WASTE DESCRIPTION              |                                | STREAM                                                                            |                                      |                                     |                         |
| PROCESS GENERATI               |                                | LYTICAL TESTING                                                                   |                                      |                                     |                         |
| IS THIS WASTE CONT             | AINED IN SMALL PACKAG          | ING CONTAINED WITHIN A LARGER S                                                   | HIPPING CONTAINER ? No               |                                     |                         |
| C. PHYSICAL PROPE              | RTIES (at 25C or 77F)          |                                                                                   |                                      |                                     |                         |
| PHYSICAL STATE                 |                                | NUMBER OF PHASES/LAYERS                                                           |                                      | VISCOSITY (If liquid present)       | COLOR                   |
| SOLID WITHOUT I                | FREE LIQUID                    | <b>⊻</b> 1 2 3 TOP <b>0.00</b>                                                    |                                      | 1 - 100 (e.g. Water)                | WHITE                   |
| MONOLITHIC SOL                 |                                | % BY VOLUME (Approx.) MIDDLE 0.00                                                 |                                      | 101 - 500 (e.g. Motor Oil)          | <u> </u>                |
| LIQUID WITH NO :               |                                | воттом <b>0.00</b>                                                                |                                      | 501 - 10,000 (e.g. Molasses)        | 1 1                     |
| % FREE LIQUID                  |                                | ODOR                                                                              |                                      | > 10,000                            |                         |
| % SETTLED SOL<br>% TOTAL SUSPE |                                | NONE                                                                              | BOILING POINT °F (°C)                |                                     | TOTAL ORGANIC<br>CARBON |
| SLUDGE                         |                                | MILD                                                                              | <= 95 (<=35)                         | < 140 (<60)                         | I                       |
| GAS/AEROSOL                    |                                | STRONG                                                                            | 95 - 100 (35-38)                     | 140-200 (60-93)                     | <= 1%<br>1-9%           |
|                                |                                | Describe:                                                                         | 101 - 129 (38-54)                    | > 200 (>93)                         | >= 10%                  |
|                                |                                |                                                                                   | >= 130 (>54)                         | ,                                   | <i>7</i> = 10%          |
| FLASH POINT °F (°C)            | рН                             | SPECIFIC GRAVITY                                                                  | ASH                                  | BTU/LB (MJ/kg)                      |                         |
| < 73 (<23)                     | <= 2                           | < 0.8 (e.g. Gasoline)                                                             | < 0.1                                | > 20                                | .6)                     |
| 73 - 100 (23-38)               | 2.1 - 6.9                      | 0.8-1.0 (e.g. Ethanol)                                                            | _                                    | 2,000-5,000<br>Unknown              | (4.6-11.6)              |
| 101 -140 (38-60                | 7 (Neutral)                    | ✓ 1.0 (e.g. Water)                                                                | 1.1 - 5.0                            |                                     | 00 (11.6-23.2)          |
| 141 -200 (60-93                | 7.1 - 12.4                     | 1.0-1.2 (e.g. Antifreeze)                                                         | 5.1 - 20.0                           | > 10,000 (>2                        | 23.2)                   |
| > 200 (>93)                    | >= 12.5                        | > 1.2 (e.g. Methylene Chloride)                                                   |                                      | Actual:                             |                         |
|                                |                                |                                                                                   | -                                    | •                                   |                         |
| D. COMPOSITION                 | (List the complete composition | on of the waste, include any inert compon                                         | ente and/or dehrie. Danges for in    | dividual components are acceptable  | If a trade name is      |
|                                |                                | S. Please do not use abbreviations.)                                              | icina diluzor debria. Ivangea for in | dividual components are acceptable  | . If a trade flame is   |
| CHEMICAL                       |                                |                                                                                   |                                      | MIN                                 | MAX UOM                 |
| BARIUM CHLORIDI                | <b>E</b>                       |                                                                                   |                                      | 0.1900000                           | 0.1900000 %             |
| GLYCEROL                       |                                |                                                                                   |                                      | 0.4500000                           | 0.4500000 %             |
| HYDROCHLORIC A                 | CID                            |                                                                                   |                                      | 0.2700000                           | 0.2700000 %             |
| ISOPROPYL ALCO                 | HOL                            |                                                                                   |                                      | 0.7500000                           | 0.7500000 %             |
| SODIUM CHLORIDI                | <b></b>                        |                                                                                   |                                      | 0.6800000                           | 0.6800000 %             |
| WATER                          |                                |                                                                                   |                                      | 97.6600000                          | 97.6600000 %            |
| F. REGULATORY ST               | ATUS                           |                                                                                   |                                      |                                     |                         |
| YES N                          | O USEPA HAZARDOUS              | WASTE?                                                                            |                                      |                                     |                         |
|                                | D002 D005                      |                                                                                   |                                      |                                     |                         |
| _                              |                                |                                                                                   |                                      |                                     |                         |
| G. DOT/TDG INFORMA             | ATION                          |                                                                                   |                                      |                                     |                         |

DOT/TDG PROPER SHIPPING NAME:

UN1760, WASTE CORROSIVE LIQUIDS, N.O.S., (HYDROCHLORIC ACID), 8, PG III

### Request for Proposal Number 111124 O3

| B. WASTE DESCRIPTION<br>WASTE DESCRIPTION:                                                                                                                                           | TKN/ TPO4/ C                                 | îL                              |                                                              |                                                                                       |                                                                                                                         |                   |             |                                         |                                        |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|-----------------------------------------|----------------------------------------|------------|
| PROCESS GENERATING V                                                                                                                                                                 | VASTE:                                       | ANALYTICAL WASTE STRE           | AM                                                           |                                                                                       |                                                                                                                         |                   |             |                                         |                                        |            |
| IS THIS WASTE CONTAINE                                                                                                                                                               | D IN SMALL PA                                | CKAGING CONTAINED WITHIN A      |                                                              | SHIPPING CONTAINER ? No                                                               | 1                                                                                                                       |                   |             |                                         |                                        |            |
| C. PHYSICAL PROPERTIES                                                                                                                                                               | S (at 25C or 77F)                            | )                               |                                                              |                                                                                       |                                                                                                                         |                   |             |                                         |                                        |            |
| PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL |                                              | 1 2 3                           | 1 2 3 TOP 0.00 W BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 0.00 |                                                                                       | VISCOSITY (If liquid present)  1 - 100 (e.g. Water)  101 - 500 (e.g. Motor Oil)  501 - 10,000 (e.g. Molasses)  > 10,000 |                   |             | COLOR  DARK BLUE/GR EEN                 |                                        |            |
|                                                                                                                                                                                      |                                              | ODOR NONE MILD STRONG Describe: |                                                              | BOILING POINT °F (°C) <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54)  ▼ >= 130 (>54) | BOILING POINT °F (°C)                                                                                                   |                   | TOTAL CARBO | ORGANIC<br>N<br><= 1%<br>1-9%<br>>= 10% |                                        |            |
| FLASH POINT °F (°C)  < 73 (<23)  73 - 100 (23-38)  101 -140 (38-60)  141 -200 (60-93)  > 200 (>93)                                                                                   | pH <= 2 2.1 - 6.9 7 (Neutr 7.1 - 12. >= 12.5 | al) 1.0 (e.g. Water)            | ze)                                                          |                                                                                       | > 20<br>Unknown                                                                                                         |                   |             | •                                       |                                        |            |
|                                                                                                                                                                                      |                                              |                                 |                                                              |                                                                                       |                                                                                                                         | MAX<br>10.0000000 | UOM<br>%    |                                         |                                        |            |
| ASCORBIG                                                                                                                                                                             |                                              | I TARTRATE                      |                                                              |                                                                                       |                                                                                                                         | 5.00              | 000000      |                                         | 10.0000000                             | %<br>%     |
| FERRIC NITRATE  MERCURIC OXIDE                                                                                                                                                       |                                              |                                 |                                                              |                                                                                       | 5,000000<br>65,00000<br>51,00000                                                                                        |                   |             | <u></u>                                 | 10.0000000<br>65.0000000<br>51.0000000 | PPM<br>PPM |
| MERCURIC THIOCYANATE  METHANOL  SODIUM HYDROXIDE                                                                                                                                     |                                              |                                 |                                                              |                                                                                       |                                                                                                                         | 1.00              | 000000      |                                         | 3.0000000                              | %<br>%     |
| SODIUM NITROPRUSSIDE<br>SULFURIC ACID                                                                                                                                                |                                              |                                 |                                                              |                                                                                       |                                                                                                                         |                   | 000000      |                                         | 5.0000000<br>50.0000000                | %<br>%     |
| F. REGULA                                                                                                                                                                            |                                              | USEPA HAZARDOUS WASTE?          |                                                              |                                                                                       |                                                                                                                         |                   |             |                                         |                                        |            |

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME

UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., (SULFURIC ACID, MERCURIC OXIDE), 8, (6.1), PG III

#### Request for Proposal Number 111124 O3

B. WASTE DESCRIPTION TRACE METAL WASTE (TM) PROCESS GENERATING WASTE: ANALYTICAL WASTE STREAM IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? C. PHYSICAL PROPERTIES (at 25C or 77F) PHYSICAL STATE NUMBER OF PHASES/LAYERS VISCOSITY (If liquid present) COLOR SOLID WITHOUT FREE LIQUID POWDER 1 - 100 (e.g. Water) **y** 1 2 3 0.00 VARIES MIDDLE ▼ 101 - 500 (e.g. Motor Oil) 0.00 MONOLITHIC SOLID LIQUID WITH NO SOLIDS % BY VOLUME (Approx.) 501 - 10,000 (e.g. Molasses) BOTTOM 0.00 LIQUID/SOLID MIXTURE > 10.000 % FREE LIQUID ODOR % SETTI ED SOLID NONE BOILING POINT °F (°C) MELTING POINT °F (°C) TOTAL ORGANIC CARBON % TOTAL SUSPENDED SOLID <= 95 (<=35) **V** SLUDGE MILD < 140 (<60) • <= 1% 95 - 100 (35-38) STRONG GAS/AFROSOL 140-200 (60-93) 101 - 129 (38-54) 1-9% Describe > 200 (>93) >= 130 (>54) FLASH POINT °F (°C) SPECIFIC GRAVITY ASH BTU/LB (MJ/kg) < 73 (<23) < 0.8 (e.g. Gasoline) < 2,000 (<4.6) <= 2 < 0.1 > 20 0.8-1.0 (e.g. Ethanol) 73 - 100 (23-38) 21-69 2,000-5,000 (4.6-11.6) 0.1 - 1.0 ₩. Unknown 1.0 (e.g. Water) 101 -140 (38-60) 5,000-10,000 (11.6-23.2) 7 (Neutral) 1.1 - 5.0 141 -200 (60-93) 7.1 - 12.4 1.0-1.2 (e.g. Antifreeze) > 10,000 (>23.2) 51 - 200> 200 (>93) >= 12.5 > 1.2 (e.g. Methylene Chloride) D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.) CHEMICAL 5.0000000 % ARSENIC TRIOXIDE 1.0000000 BARIUM CHLORIDE 0.0000000 -- 1.0000000 % CADMIUM 0.0000000 1.0000000 0.0000000 --1.0000000 COPPER SULFATE LEAD NITRATE 0.0000000 -- 1.0000000 0.0000000 --NICKEL NITRATE 1.0000000 NITRIC ACID 0.0000000 -- 20.0000000 POTASSIUM CHROMATE 0.0000000 --1.0000000 SELENIUM OXIDE 3.0000000 --4.0000000 0.0000000 -- 1.0000000 % F. REGULATORY STATUS YES USEPA HAZARDOUS WASTE? D002 D004 D005 D006 D007 D008 D010 D011 G. DOT/TDG INFORMATION DOT/TDG PROPER SHIPPING NAME: UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., (NITRIC ACID, BARIUM CHLORIDE), 8, (6.1), PG III B. WASTE DESCRIPTION WASTE DESCRIPTION: EPA AUDIT VIALS WITH <50PPM PCB'S PROCESS GENERATING WASTE: LABORATORY ANALYSIS / DISCARDE IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER 2 C. PHYSICAL PROPERTIES (at 25C or 77F) PHYSICAL STATE NUMBER OF PHASES/LAYERS VISCOSITY (If liquid present) COLOR SOLID WITHOUT FREE LIQUID 1 - 100 (e.g. Water) 1 2 3 TOP 0.00 POWDER SMALL MIDDLE 101 - 500 (e.g. Motor Oil) 0.00 MONOLITHIC SOLID % BY VOLUME (Approx.) LAB VIALS LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE воттом 0.00 > 10 000 % FREE LIQUID ODOR % SETTLED SOLID
% TOTAL SUSPENDED SOLID TOTAL ORGANIC CARBON BOILING POINT °F (°C) MELTING POINT °F (°C) NONE <= 95 (<=35) MILD < 140 (<60) 95 - 100 (35-38) GAS/AFROSOL STRONG 140-200 (60-93) 1-9% 101 - 129 (38-54) Describe > 200 (>93) >= 10% 4 >= 130 (>54) FLASH POINT °F (°C) SPECIFIC GRAVITY ASH BTU/LB (MJ/ka) < 73 (<23) < 0.8 (e.g. Gasoline) < 2,000 (<4.6) <= 2 < 0.1 > 20 73 - 100 (23-38) 0.8-1.0 (e.g. Ethanol) 21-69 2,000-5,000 (4.6-11.6) 0.1 - 1.0 Unknown 101 -140 (38-60) 1.0 (e.g. Water) 5,000-10,000 (11.6-23.2) 7 (Neutral) 1.1 - 5.0 141 -200 (60-93) 7.1 - 12.4 1.0-1.2 (e.g. Antifreeze) > 10,000 (>23.2) 5.1 - 20.0 > 200 (>93) >= 12.5 > 1.2 (e.g. Methylene Chloride)

### Request for Proposal Number 111124 O3

| D. COMPOSITION    | st the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is ed, please supply an MSDS. Please do not use abbreviations.) |             |  |             |       |  |  |  |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--|-------------|-------|--|--|--|
| CHEMICAL          |                                                                                                                                                                                                                        | MIN         |  | MAX         | UOM   |  |  |  |
| D001 CHARACTE     | RISTIC OF IGNITAB.                                                                                                                                                                                                     |             |  |             | Trace |  |  |  |
| PCB SAMPLES W     | // LESS THAN 50PPM.                                                                                                                                                                                                    | 0           |  | 0.0000000   | %     |  |  |  |
| PESTICIDE SAMP    | LES BELOW RCRA L.                                                                                                                                                                                                      |             |  |             | Trace |  |  |  |
| SMALL LAB VIAL    | S CONTAINING:.                                                                                                                                                                                                         | 100.0000000 |  | 100.0000000 | %     |  |  |  |
| SPECIFIC GRAVIT   | ГҮ                                                                                                                                                                                                                     | 0.7000000   |  | 0.7000000   | %     |  |  |  |
| STATUS.           |                                                                                                                                                                                                                        | 0           |  | 0           | %     |  |  |  |
| VOLATILE AROM     | ATIC HYDROCARBON .                                                                                                                                                                                                     |             |  |             | Trace |  |  |  |
| WATER SAMPLES     |                                                                                                                                                                                                                        |             |  |             |       |  |  |  |
| F. REGULATORY ST  | TATUS                                                                                                                                                                                                                  |             |  |             |       |  |  |  |
| YES N             | NO USEPA HAZARDOUS WASTE?                                                                                                                                                                                              |             |  |             |       |  |  |  |
|                   | D001                                                                                                                                                                                                                   |             |  |             |       |  |  |  |
| G. DOT/TDG INFORM | MATION                                                                                                                                                                                                                 |             |  |             |       |  |  |  |

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (VOLATILE AROMATIC HYDROCARBONS), 3, PG II