### Warren

Purchasing Division Office of the Controller 29500 Van Dyke Avenue Warren, Michigan 48093 City of Progress Ronald Guzi, Purchasing Agent 586-574-4636

> Vincent Mikiel, Buyer 586-574-4675

#### INVITATION TO BID

#### ITB-W-7301

MARCH 31, 2006

SEALED BID PROPOSALS FOR FURNISHING **ASH AND SLUDGE HAULING AND DISPOSAL SERVICE** TO THE **WASTEWATER TREATMENT PLANT,** CITY OF WARREN ARE BEING ACCEPTED.

#### SEALED BIDS MUST BE DELIVERED TO THE <u>DIVISION OF PURCHASING</u>, CITY OF WARREN, 29500 VAN DYKE, WARREN, MI 48093, <u>ON OR BEFORE 12:30 PM, WEDNESDAY, APRIL 19, 2006</u> BIDS RECEIVED AFTER 12:30 PM OF THE DATE THEY ARE DUE WILL NOT BE ACCEPTED OR WILL BE MARKED LATE, AND RETAINED UNOPENED.

BIDS WILL BE TRANSPORTED OVER TO THE CITY COUNCIL CHAMBERS, AUDITORIUM, WARREN COMMUNITY CENTER, 5460 ARDEN, WARREN, MI, AFTER THE PURCHASING DEPARTMENT HAS REGISTERED AND SORTED THE BIDS. THEY WILL BE OPENED AT 1:00 PM. THIS INQUIRY IMPLIES NO OBLIGATION ON THE PART OF THE BUYER.

ADDENDA, CLARIFICATIONS AND CHANGES TO THE BID DOCUMENTS MUST BE OBTAINED ON LINE BY REGISTERING (FREE REGISTRATION AVAILABLE) FOR THE MITN SYSTEM AS FOLLOWS: 1) GO TO WWW.GOVBIDS.COM SELECT THE MICHIGAN MITN SYSTEM (MITN), 2) SELECT VENDOR REGISTRATION AT THE TOP OF THE PAGE, 3) REVIEW THE VENDOR REGISTRATION OPTIONS THAT ARE AVAILABLE TO VENDORS, AND THEN 4) SELECT VENDOR REGISTRATION AT THE BOTTOM OF THE PAGE TO REGISTER. BID TABULATIONS WILL BE POSTED ON MITN.. You should register for NIGP CODE 96240 - HAZARDOUS WASTE DISPOSAL.

#### A FIVE PERCENT BID SECURITY IS REQUIRED.

THERE WILL BE A **SITE INSPECTION FOLLOWED BY A PRE-BID MEETING ON FRIDAY, APRIL 13, 2006,** <u>AT 10:00 AM</u>, IN THE WASTEWATER TREATMENT PLANT ADMINISTRATIVE BUILDING, 32360 WARKOP, WARREN, MI 48093. WHILE THIS MEETING IS NOT MANDATORY, VENDORS ARE ENCOURAGED TO ATTEND

ADDITIONAL INFORMATION REGARDING THIS BID OR ANY QUESTIONS CAN BE ANSWERED BY CONTACTING THE BUYER, VINCENT MIKIEL OF THE PURCHASING AT (586) 574-4639 OR E-MAIL <u>vmikiel@cityofwarren.org</u>.

ADDITIONAL INFORMATION REGARDING THIS BID OR ANY QUESTIONS CAN BE ANSWERED BY CONTACTING THE BUYER, VINCENT MIKIEL OF THE CITY OF WARREN PURCHASING DIVISION AT (586) 574-4639 OR E-MAIL VMIKIEL@CITYOFWARREN.ORG, SUBJECT: ITB-W-7301

SINCERELY,

VINCENT MIKIEL BUYER

#### BID PROPOSAL:

The undersigned proposes to furnish **ASH AND SLUDGE HAULING AND DISPOSAL** for a three (3) year period beginning upon approval of Warren City Council, in accordance with the attached specifications which to be considered an integral part of this bid, at the following prices:

| ITEM | SIZE   | PRICE |
|------|--|-------|
| 1    | Price for hauling and disposal of Ash and Grit per ton to primary landfill   | \$    |
| 2    | Price for hauling and disposal of Filter Press Cake per ton to primary landfill (including cost for plastic liner)   | \$    |
| 3    | Price for hauling and disposal of Ash and Grit per ton to secondary landfill   | \$    |
| 4    | Price for hauling and disposal of Filter Press Cake per ton to secondary landfill (including cost for plastic liner) | \$    |

Percentage discount or dollar amount reduction for awarding % \_\_\_\_\_ or \$\_\_\_\_\_ both ash and filter cake to one vendor.

The undersigned has carefully checked the bid figures and understands that he shall be responsible for any error of omission in this bid offer and is in receipt of all addenda as issued.

| Signature of                             | DATE |
|--|------|
| <u>Authorized</u> Company Representative |      |
|  |      |

| (Print name of           | Signature) | COMPANY NA | ME       |                               |                |
|--------------------------|------------|------------|----------|-------------------------------|----------------|
| ADDRESS                  | CITY       |            | STATE    | ZIP CODE                      |                |
| TELEPHONE NUMBER         |            | FAX NUMBER |          | E-MAIL ADDRESS                |                |
| WARRANTY (If Applicable) |            |            | BID PAYM | ENT TERMS (Blank will be cons | idered NET 30) |

EXCEPTIONS: Where an exception to any specification is taken, such exception shall be clearly indicated below and along with the specifications attached hereto, shall be considered an integral part of this bid.

#### IT IS MANDATORY OF ALL BIDDERS TO RETURN THIS SHEET FULLY COMPLETED INCLUDING <u>SIGNATURE OF</u> <u>AUTHORIZED COMPANY REPRESENTATIVE</u> WITH THEIR SEALED BID.

#### PRICE CLAUSE:

The City of Warren requests that prices be held firm for 90 days or bid award, whichever comes first except for the successful bidder whose prices shall be held firm for the entire three (3) year contract period. There is an option to extend the bid for two (2) additional one-year periods at the same prices, terms, and conditions through mutual consent of both parties, within 60 days of contract expiration. The Living Wage section of the Bid, if approved, requires that the contractor maintain this rate of pay for the duration of the contract period FOR ALL EMPLOYEES WORKING ON THE CITY OF WARREN PREMISES.

Authorized signature for \_\_\_\_\_

Price Clause

#### ESTIMATED QUANTITIES:

Quantities stated herein are estimated based on historical data. Actual usage may be greater or lesser.

#### Authorized signature for \_\_\_\_\_ Estimated Quantities

#### CONTRACT CANCELLATION:

The City reserves the right to cancel this contract at any time if the City finds the service unsatisfactory.

#### Authorized signature for \_\_\_\_\_ Cancellation Clause

#### SPLIT OF AWARD BETWEEN ASH AND CAKE:

The City reserves the right to split this bid for the best interest of the City. There is a percentage discount indicated for those contractors who may offer an incentive to be able to maintain the whole contract between sludge and cake.

#### Authorized signature for \_\_\_\_\_

**Cancellation Clause** 

#### TRUCK MINIMUM:

The City of Warren WWTP has indicated a minimum of three (3) 50-yard trucks for use in the ash contract, and a minimum of ten (10) 20 yard roll-off containers with liners and three (3) trucks for use with the filter cake disposal. The **City will consider at alternatives that would deploy smaller capacity trucks while increasing the number of trucks to be used** providing such alternatives do not increase cost to the City or place unreasonable burden upon the City. The successful bidder must be capable of loading and transporting 150 tons per day.

#### Authorized signature for \_\_\_\_\_

Truck Minimum Clause

#### TRUCKS TO BE UTILIZED:

Please list the trucks that you can/will utilize for this job.

|    | TRUCK DESCRIPTION, TYPE SIZE, WEIGHT, YARD CAPACITY, | AGE  |
|----|--|------|
| 1. |  | YEAR |
| 2. |  | YEAR |
| 3. |  | YEAR |
| 4. |  | YEAR |
| 5. |  | YEAR |
| 6. |  | YEAR |

The contract shall be considered to be worth \$125,000.00/yr for ash hauling and \$50,000.00/yr for cake hauling. The bid and performance bonds shall be figured based upon the preceding amounts. The bid bond shall be 5% of the \$125,000 or \$6,250.00 for ash hauling and 5% of the \$50,000 or \$2,500 for cake hauling and a combined total of \$8,750.00 if bidding both items. The performance bonds shall be the anticipated cost of the contract in the first year (\$125,000.00 and \$50,000.00 for ash and cake hauling respectively).

#### BID BOND REQUIREMENTS:

EACH BID MUST BE ACCOMPANIED BY A BID BOND, A CERTIFIED, CASHIERS, OR BANK CHECK OR A MONEY ORDER, (<u>A COMPANY OR PERSONAL CHECK IS NOT ACCEPTABLE</u>) DULY EXECUTED BY THE BIDDER AS PRINCIPAL AND HAVING AS SURETY THEREON A SURETY COMPANY APPROVED BY THE CITY, IN THE AMOUNT**SPECIFIED ABOVE AS A GUARANTEE** ON THE PART OF THE BIDDER THAT HE WILL, IF CALLED UPON TO DO SO, ENTER INTO A CONTRACT TO PERFORM THE WORK AS PER THE ATTACHED SPECIFICATIONS. BID SECURITIES WILL BE RETURNED TO ALL BUT THE THREE LOWEST BIDDERS WITHIN SEVEN DAYS AFTER THE OPENING OF BIDS. THE REMAINING BID SECURITIES WILL BE RETURNED WITHIN FIVE DAYS AFTER THE AWARD OF BIDS. **BIDDERS WHO DO NOT HAVE A BID SECURITY ATTACHED TO THEIR BIDS, WILL HAVE THEIR BIDS REJECTED**.

#### LIQUIDATED DAMAGES:

Liquated damages for not entering into a contract shall be the lesser of the bid bond submitted by the successful vendor or the actual costs associated with obtaining another contractor to enter into an agreement.

#### SECURITY FOR FAITHFUL PERFORMANCE:

The bids shall be accompanied by a letter from a surety company, satisfactory to the City stating that the necessary bonds will be furnished by it to the contractor bidding in the event he is the successful bidder. The successful contractor shall furnish the following guaranty bonds:

- 1. The contractor shall furnish a surety bond in an amount at least equal to 100% of the Contract price as security for faithful performance of this contract.
- 2. The contractor shall furnish a surety bond in an amount at least equal to 100% of the contract as security for payment of all materials and equipment rental in connection with this contract.
- 3. A certificate from the surety company showing that the bond premiums are paid in full shall accompany the bonds.

Should the Contractor fail, neglect, or refuse to perform his duties under the Contract, the City shall have the right to terminate the Contract upon seven days written notice given to the Contractor and his surety and to proceed to complete the work. Any additional costs incurred by the City shall be paid by the Contractor the Performance Bond must be presented to and accepted by the City before Contract negotiations can be considered as complete.

The surety bond shall be made in favor of the treasurer of the City of Warren, release of which is conditioned upon the faithful performance of the bonding company under the term of this Contract and shall in no event exceed twelve (12) months from the date of default of the Contractor.

#### CITY OF WARREN INSURANCE

The awarded bidder will be required to provide the City with certificates of insurance <u>naming the City of</u> <u>Warren, City of Warren Municipal Building Authority, the 37<sup>th</sup> District Court, all elected appointed</u> <u>officials, employees and volunteers as individuals acting within the scope of their authority, AS AN</u> <u>ADDITIONAL INSURED</u>; and providing the following coverage and limits. Sub-contractors utilized by the awarded bidder shall be subject to these same conditions:

#### **COMMERCIAL GENERAL LIABILITY:**

The following coverage are part of the General Liability policy: Policy should be on an OCCURANCE BASIS WITH COMBINED SINGLE LIMITS. **General Aggregate** \$2.000.000 Products/Completed Operations Aggregate \$1,000,000 Personal & Advertising Injury \$1,000,000 Each Occurrence \$1,000,000 Fire Damage-Any one fire \$ 50.000 Medical Expense-Any one person \$ 5,000 Per project aggregate limit Independent contractors coverage Broad form property damage Blanket contractual liability coverage

#### AUTOMOBILE LIABILITY:

Automobile liability insurance coverage shall be\$1,000,000 combined single limit for any auto and include hired autos and non-owned autos.

#### WORKERS' COMPENSATION INSURANCE:

Workers' compensation insurance shall be statutory under the State of Michigan Workers' Compensation Act.

#### TRUCKERS POLLUTION LIABILITY INSURANCE:

Truckers Pollution liability insurance in the amount of \$1,000,000 per occurrence, see attached sample copy of Federal filing requirements and pollution liability endorsement number CA99481293 available on commercial auto policies.

#### UMBRELLA LIABILITY POLICY:

Umbrella liability shall be \$2,000,000 and be "following form".

#### POLLUTION LIABILITY INSURANCE FOR THE LANDFILL(S):

Pollution liability in the amount of \$5,000,000 per occurrence for the landfill.

Insurance certificates shall contain a provision to the effect that the insurance company <u>SHALL NOTIFY the</u> City at least thirty (30) days prior to <u>CANCELLATION OR MATERIAL CHANGE</u> of the insurance (SEE SAMPLE CERTIFICATE).

#### PLEASE INDICATE:

- () Can meet insurance as indicated.
- ( ) Cannot meet but offer the following:

#### **INDEMNITY CLAUSE**

We agree to the terms and conditions set forth in Section 8.1 of the Proposed Contract (Appendix D).

Authorized signature for\_\_\_\_ Insurance clause

#### LIVING WAGE ORDINANCE (APPENDIX C) COMPLIANCE CLAUSE: PLEASE READ

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Bid price to include but not be limited to all materials, equipment, labor, for Services as described in these specifications. FOR ALL CONTRACTS THAT ARE OVER \$50,000, The Living Wage section of the Bid, requires that the contractor pay this rate of pay for the duration of the contract period <u>TO ALL</u> EMPLOYEES WHO ARE ASSIGNED TO WORK AT THE CITY OF WARREN, WHILE THEY ARE WORKING ON THE CITY OF WARREN PREMISES. (Appendix C- Download as a separate Document!)

BIDS ARE TO BE RECEIVED WITH THE USE OF THIS LIVING WAGE ORDINANCE. THE CURRENT RATE OF PAY WITHOUT BENEFITS IS **\$12.09 PER HOUR** AND THE CURRENT RATE OF PAY WHEN BENEFITS ARE PROVIDED IS **\$9.675 PER HOUR**.

#### 

#### AWARD CLAUSE:

The City of Warren reserves the right to award the bid to the lowest responsible bidder meeting specifications; to reject low bids which have major deviations from specifications; to accept a higher bid which has only minor deviations, and to split award if in its best interest.

## Authorized signature for \_\_\_\_\_\_Award Clause

#### **REFERENCES:**

Please list the municipalities/companies for which your company has provided similar work.

| 1. Agency:    | <br>Year |
|---------------|----------|
| Address       | <br>     |
| Contact Name: |          |
| 2. Agency:    | <br>Year |
| Address       |          |
| Contact Name: |          |
| 3. Agency:    | <br>Year |
| Address       |          |
| Contact Name: |          |

#### **GENERAL CONDITIONS**

Bids and all information requested of the vendor shall be entered in the appropriate space on the enclosed form and signature page. Failure to do so may disqualify your offer.

Bids must be submitted by the date specified and at or prior to the time specified to be considered. Late bids, e-mail, telegraphic, or telephone bids will **NOT** be accepted.

Submit ORIGINAL AND ONE (1) COPY with a label on the **outside of the ENVELOPE STATING VENDORS NAME, COMMODITY OR SERVICE AND BID NUMBER** 

An authorized officer or employee of he bidder shall sign all bids.

Vendor changes or alterations to the bid documents including the specification may result in the bid being considered non-responsive and/or the bidder being debarred. The only authorized vendor changes will be in the areas provided for the bidder's response including the "Exceptions" section of the bid proposal and on separate attached sheets provided by the vendor and clearly identified. If a change or alteration to the bid document is undetected, and the bidder is awarded the contract, the original terms, conditions, and specification in the authorized version of the bid document will be applicable during the terms of the contract.

Prices quoted shall be exclusive of any rebates due the City of Warren. Any rebates the City of Warren may be authorized should be shown as a separate line item and include expiration date.

Corrections and/or modifications received after the closing time specified will not be accepted.

All information shall be entered in ink or typewritten. Mistakes may be crossed out and corrections inserted before submission of your bid. The person signing the bid shall initial corrections in ink.

Time of delivery may be a consideration in the award.

All prices will be bid F.O.B. DESTINATION, INCLUDE ALL DELIVERY AND ANY ADDITIONAL CHARGES and remain in effect for at least 60 days unless otherwise specified.

Brand names and numbers, when used, are for reference to indicate the character or quality desired, unless specifically stated "No Substitutes".

Alternate items of the same quality will be considered, provided your offer clearly describes the article. Offers for alternate items shall state the brand and number, or level or quality. When the bidder does not state brand, or level of quality, it is understood the offer is exactly as specified.

Sample of articles, when required, shall be furnished free of cost, of any sort, to the City of Warren. Samples of articles selected may be retained for future comparison. Samples which are not destroyed by testing, or which are not retained for future comparison will be returned upon request at the vendor's expense.

If vendor **supplies tangible products only** to the City of Warren, **taxes** should<u>not</u> be included in your bid as the City of Warren is tax exempt.

The City's normal payment terms are 30 days in connection with cash discounts specified with this bid. Time will be computed from the date of complete delivery of supplies or equipment as specified, or from the date correct invoices are received in the Office of the City Controller, if the latter is later than the date of delivery. Prices will be considered as net if no cash discount is shown.

**IMPORTANT:** All City of Warren purchases require a **MATERIAL SAFETY DATA SHEET** where applicable, in compliance with the "**MIOSHA** "**Right to know**" law.

## THE ABOVE GENERAL CONDITIONS ARE CONSIDERED IN FORCE UNLESS SPECIFICALLY ADDRESSED IN ANOTHER SECTION OF THE BID DOCUMENT.

#### CITY OF WARREN SPECIFICATIONS FOR ASH AND SLUDGE HAULING AND DISPOSAL SERVICE

#### GENERAL:

The City of Warren is soliciting quotations to furnish hauling services for the disposal of residuals from the Waste Water Treatment Plant to a MDEQ approved Type II landfill approved by the City.

#### SITE CONDITIONS:

The City of Warren Waste Water Treatment Plant, located at 32360 Warkop Ave., southeast of 14 Mile Road and Van Dyke Avenue, produces dewatered or incinerated biosolids. We need container trucks with a capacity of 20 cubic yards or greater to haul the following products.

- 1. <u>Grit</u>: Grit is dewatered from a classifier and mixed with incinerator ash. In 2004-2005, approximately 496 cubic yards of grit were mixed with incinerator ash for final disposal.
- 2. <u>Ash</u>: Ash produced in the incinerator by the combustion of filter cake is the main product to be hauled from the Treatment Plant. In 2004-2005, a total of 4,396 tons were hauled according to the following schedule:

#### <u>Ash</u>

#### 2004-2005

| March 2004<br>April 2004 | 488 tons<br>568 tons |
|--------------------------|----------------------|
| June 2004                | 642 tons             |
| January 2005             | 221 tons             |
| May 2005                 | 1,174 tons           |
| August 2005              | 696 tons             |
| December 2005            | <u>607 tons</u>      |

Total Ash Tons Removed: 4,396 tons

3. <u>Pressed Filter Cake</u>: Biosolids are dewatered using a belt filter press until a solids content of 18% - 25% is achieved. When the incinerator is shut down for anticipated and scheduled repairs, or when an unexpected breakdown occurs, filter press cake must be hauled. No storage of loaded trucks will occur on plant grounds. Bidder's price will include the drop off of an empty 20-yard roll-off box with a plastic liner and pick up of a full box for each load of cake hauled. In 2004-2005, the Treatment Plant produced 18,122 tons of cake during a nine-month shut-down period, from May 2004 through January 2005, to complete major incinerator repairs, cake was hauled according to the following schedule:

#### <u>Cake</u>

#### 2004-2005

| May 04-July 04   | 5,734.03 tons |
|------------------|---------------|
| Aug. 04-Sept. 04 | 4,683.72 tons |
| Oct. 04-Nov. 04  | 4,851.65 tons |
| Dec. 04-Jan. 05  | 2,852.53 tons |

Total Wet Tons Removed 18,121.93

Hauling of pressed filter cake is not part of the routine disposal practices at the WWTP and is only utilized during periods of incinerator shut down. Since the recent completion of incinerator upgrades, it is anticipated that planned incinerator shut down will be one (1) month or less per year over the next three (3) year period.

#### **QUANTITY:**

Quantities mentioned above are approximations of typical ash and cake hauling years. The City will not incur damages based on smaller or larger quantities.

#### **DISPOSAL:**

Ash and grit will be deposited in a large pit that fills in about six weeks. After being dewatered, the mixed residuals are loaded onto the contractor's trucks next to the pit by Treatment Plant personnel. Filter press cake will be produced by a belt press and moved by conveyor to a chute. Treatment Plant personnel will load the cake into 20-yard roll-off boxes. Tickets from the approved landfill indicating load weight must be submitted to the Warren Waste Water Treatment office within 48 hours.

#### NOTICE TO PROCEED:

Contractors will be given 48 hours to begin hauling after notification by the Treatment Plant. Ash hauling and cake hauling will proceed on a continuous basis during landfill operating hours, until the ash pit is empty for ash or the sludge tanks are empty for cake hauling.

#### ANALYSIS:

The Treatment Plant will provide current analyses detailing the contents of the product to be hauled. The laboratory analyses attached to this specification show that the ash, cake, and grit are not hazardous, ignitable or corrosive, and that they are not reactive. They are, therefore, suitable for disposal in a Type II sanitary landfill. The contractor will then obtain a written agreement with the landfill operator detailing their acceptance of the product to be hauled and supply of the agreement to the City.

#### PAYMENT:

The landfill's written verification of acceptance of the product must be submitted to the Treatment Plant in order to receive payment. Payment shall be made based on satisfactory completion of the work on a monthly basis. Invoices will be submitted at the end of the month and will be paid approximately three weeks later with no retainage. Bids will be based on price per ton. Payment will be based on the total tons hauled, reported on tickets submitted by the contractor from the landfill.

#### CONTRACT LENGTH:

The contract will be for a three (3) year period from the date of City Council award, with two (2) oneyear extensions possible with the mutual consent of both parties.

#### LEGAL HAULING REQUIREMENTS:

Contractors will be responsible for the legal hauling and disposal of treatment plant products. Trucks must not spill any portion of their load on public streets and must not have illegally loud exhaust. Speed limits and driving safety will be strictly enforced. Hauling hours will be limited to 7:00 a.m. to 4:00 p.m. weekdays, except in an emergency. Past disposal was Oakland Heights Development, 2350 Brown Road, Auburn Hills, MI, Saulk Trail Hills Landfill, 5011 S. Lilley, Canton, MI 48188 or Arbor Hills Landfill, 10690 W. Six Mile Road, Northville, MI 48167. Vendor must indicate the landfill that they are to use and a backup landfill that would accommodate the City's needs as necessary.

Contractors must submit proof of payment of all subcontractors. The contractor shall assume all costs associated with hauling from the Treatment Plant and shall include all such costs in their bid.

A formal contract will be presented in an original and four (4) copies and must be signed, and bonds and insurance executed within ten (10) days of receipt of NOTICE OF AWARD. Work must commence within 10 days after receipt of a formal NOTICE TO PROCEED issued in writing by the City.

#### CITY'S RIGHT TO VERIFY WEIGHT OF TRUCKS:

The contract dictates that the City will pay for removal based upon tons removed. The City reserves the right to spot check weights of the trucks and number of tons of ash or cake removed. This would be done by requiring the successful contractor to weigh in at the City of Warren Sanitation scales or another scale approved by the City. The spot-checking will be performed on a periodical basis.

## **APPENDIX A**

## QUESTIONS FROM PROSPECTIVE BIDDERS AND ANSWERS FROM PRIOR BID FOR THIS SERVICE

#### QUESTIONS AND ANSWERS FROM PRIOR BID FOR THIS SERVICE

1. How often do trucks fill up and how long does it take to load ash from the lagoon?

When hauling ash, how quickly the ash is loaded and transported is dependent on the cooperation of the hauler and distance to the landfill. The WWTP has loaded trucks in less than 30 minutes. Ash is hauled approximately every six (6) weeks and requires 14 to 16 50-yard trucks.

When hauling cake, the past procedure has been for the contractor to provide lined roll-off containers in the area of the sludge-loading chute. The WWTP will fill and stage the containers. The contractor will then pick up the filled containers and transport them to the landfill and return the empty container with a new liner back to the plant. When loading cake, the WWTP has averaged loading a 30-yard roll-off every two hours. Due to the weight of the sludge, containers may not be entirely filled.

2. How many roll-off containers are on the ground at the start of the day?

When hauling sludge cake, there have been 7 or 8 containers filled by 6 AM. The plant requires a minimum of 10, but prefers 12 containers be available for disposal. There must be sufficient containers available to sustain operations on a 24-hour 7-day basis. To minimize odor problems, filled containers are not to remain on plant grounds for more than 24 hours.

3. What are the WWTP's hours of operation and loading?

The WWTP operates 24 hours a day Mon. thru Fri. Saturday loading may be coordinated with the plant should circumstances or volumes require. Past practice has been to load beginning at 6:00 AM.

4. What would the weight be for a 50-yard ash train?

The weight will vary with the moisture content. The cake moisture content normally varies between 18% and 22% solids. We estimate that cake is less than 1.5 tons per cu. Yd. Ash weighs less than cake. We will accommodate the contractor within reason to partially load trucks. It is the contractor's responsibility to comply with all laws, regulations, ordinances, etc. regarding the transportation and disposal of the ash and sludge cake.

5. Is there a scale on site?

There is no scale on site. However, since cake is loaded utilizing a conveyor with a weight meter, the plant has a record of the weight of cake loaded. Scales are available at the City's Sanitation Department, 25601 Flanders, Warren, MI 48089

6. May a contractor use a switcher with truck & tractor train for the cake?

The City does not have a licensed operator nor equipment on hand for this alternative. However, if the contractor meets the disposal time requirements, provides necessary equipment and operators at no expense to the City, and the method of loading & hauling does not place an economic nor operational burden on the City, alternative methods will be considered.

7. Is the access road a Class A road?

The contractor will have to check with the appropriate agencies to make that determination. Warkop was designed and constructed with 8" concrete to accommodate commercial traffic. The WWTP staff is not aware of any problems with access or egress at the WWTP.

8. Is there any lime in the sludge cake?

No, there is no lime in the sludge cake.

9. Will the contractor haul cake for the entire contract period?

The plant attempts to minimize hauling of cake. However during periods of incinerator maintenance and repair, it is necessary to haul cake. The WWTP is planning on shutting the incinerator down for maintenance for a two (2) to (3) three month period beginning in June 2003.

10. Are ash and cake ever hauled simultaneously?

During the shutdown, startup or when hauling from the ash lagoon may preclude diverting ash to the lagoon, it may be necessary to haul both ash and cake simultaneously.

# APPENDIX B LAB RESULTS

## (Download as a separate Document!)

# **APPENDIX C**

## LIVING WAGE ORDINANCE

## (Download as a separate Document!)

# **APPENDIX D**

# PROPOSED CONTRACT

(Download as a separate Document!)

#### **CHECK LIST FOR BIDDERS**

All information required by the terms of the Bid Documents must be furnished.

#### MISTAKES OR OMISSIONS CAN RESULT IN THE REJECTION OF YOUR BID.

### Important items for you to check are included in but not limited to, those listed below. This checklist is furnished only to assist you in submitting a proper bid. Check as you read.

| <br>Will your bid arrive on time? Late bids will <u>not</u> be considered. Bids must be received by the Purchasing Office before 12:30 P.M., Wednesday, on the date specified in the Notice to Bidders. |
|---|
| <br>Is the envelope containing your bid properly identified that it is from YOUR COMPANY, that it is a sealed bid and does it contain the correct BID, RFP or PROJECT NAME and bid opening date?        |
| <br>Are decimals in unit price in the proper places? Are your figures legible?  |
| <br><u>If required</u> , have you entered the unit price or lump sum price in both words and figures? (Unit Price or Lump Sum Price in words governs)   |
| <br>If required, have you entered a unit price for each bid item?   |
| <br>Is your bid properly signed? (Refer to Bid Documents)   |