

CITY OF WHITE HOUSE
Board of Mayor and Aldermen Agenda
Study Session
February 16, 2023
6:00 p.m.

1. Call to Order by the Mayor
2. Roll Call
3. Adoption of the Agenda
4. New Business
 - a. Discuss amendments to Municipal Code Title 17 Refuse and Trash Disposal
 - b. Discuss the Cyber Security Plan for wastewater infrastructure
5. Adjournment

CURRENT
TITLE 17

TITLE 17

REFUSE AND TRASH DISPOSAL

CHAPTER

1. REFUSE.

CHAPTER 1

REFUSE

SECTION

- 17-101. Refuse defined.
- 17-102. Premises to be kept clean.
- 17-103. Residential, small commercial and commercial refuse.
- 17-104. Sanitation procedures.
- 17-105. Location of containers.
- 17-106. Collection vehicles.
- 17-107. Leaf and limb removal service.
- 17-108. Nurserymen; duty to remove trash.
- 17-109. Prohibited substances and practices.
- 17-110. Dumping in streams, sewers and drains.
- 17-111. Burning without a permit.
- 17-112. Failure to comply.
- 17-113. Fee schedule.
- 17-114. City empowered to collect refuse.

17-101. Refuse defined. Refuse shall mean and include garbage, rubbish, leaves, brush, and refuse as those terms are generally defined except that dead

animals and fowls, body wastes, hot ashes, rocks, concrete, bricks, and similar materials are expressly excluded therefrom and shall not be stored therewith. All disposal of refuse shall be by methods approved by the City of White House and the Tennessee Department of Health. (1979 Code, § 8-201, as replaced by Ord. #05-35, Nov. 2005)

17-102. Premises to be kept clean. All persons within the municipality are required to keep their premises in a clean and sanitary condition, free from accumulations of refuse except when stored as provided in this chapter. (1979 Code, § 8-202, as replaced by Ord. #05-35, Nov. 2005)

17-103. Residential and small commercial refuse collection.

(1) **Residential solid waste.** The term "residential solid waste" shall mean solid waste resulting from the maintenance and operation of dwelling

units, excluding multiple housing facilities. The City of White House shall be the sole provider of residential solid waste collection in the city limits.

(2) Small commercial waste. The term "small commercial" shall be defined as an entity that produces no more refuse than would fill two (2) containers per week. Small commercial establishments may participate in the city's refuse collection program, remove their own solid waste, or contract with a private collector having a valid permit or license to do business with the city.

(3) Commercial solid waste. The term "commercial solid waste" shall mean solid waste resulting from the operation of any commercial, industrial, institutional or agricultural establishment, and multiple housing facilities or any entity that produces more refuse than will fill no more than two (2) containers per week. Commercial establishments shall be responsible for removal of their solid waste or shall contract with a private collector having a valid permit or license to do business with the city. (1979 Code, § 8-203, as replaced by Ord. #05-35, Nov. 2005, as amended by Ord. #07-18, June 2007, and Ord. #16-23, Jan. 2017)

17-104. Sanitation procedures. (1) The public services director, or his/her authorized representative, shall have the authority to make and modify regulations as necessary concerning the days of collection, transporting and disposal of solid waste refuse; provided that such regulations are not in violation of the provisions of this chapter.

(2) The public services director, or his/her authorized representative, shall be responsible for the enforcement of this chapter.

(3) All employees operating vehicles or collecting refuse and garbage shall at all times be courteous and shall not use profane language, nor be loud or boisterous.

(4) The city will provide and service one residential and small commercial refuse container once a week per separate street address. The container must be placed no further than three (3) feet from the curbside and in an area that is free from obstruction from trees, shrubs, mailboxes, vehicles, etc., or in an alternate location approved by the public services director. Only refuse in the container will be collected. If additional refuse is left on or around the container the city will not pick it up. Extra household refuse will be picked up by appointment only and a fee will be charged. (See § 17-113)

(5) Commercial establishments shall be responsible for removal of their solid waste.

(6) Employees collecting refuse will be required to follow the regular walk for pedestrians as nearly as practicable while on private property. No unnecessary trespassing by employees will be permitted, and due care shall be exercised to prevent damage to private property, including flowers, shrubs, and other plantings. After dumping containers, employees shall return them to the same location from which they were taken, and shall replace the covers. Space about the containers shall be left free from any refuse spilled during the

collection. This section shall not be interpreted to mean that the collector of refuse is responsible for cleaning up unsanitary conditions about the refuse containers caused by the carelessness of the tenant. Care shall be taken by the employees to prevent damage to containers by rough treatment.

(7) Employees shall not be required to expose themselves to the danger of vicious animals in order to accomplish refuse collection in any case where the owner or tenant has such an animal at large. Customers must restrain animals beyond the reach of the refuse containers and prevent any interference with pickup men on this account.

(8) After loading trucks, refuse handlers shall leave all alleys and streets in a clean and sanitary condition. No refuse shall be permitted to drop from any collection vehicle in or on any of the public ways of the city. Collection vehicles must not at any time be driven over our streets or highways in an overloaded or crowded condition. Collections must be made as quietly as possible, especially in the early morning hours.

(9) All junk or salvage of any kind or nature encountered in the refuse being collected shall become the property of the collector.

(10) Housing areas and military establishments which are operated within the city limits under the jurisdiction of the Federal Housing Authority shall be considered as being outside the city limits and will not be affected by these rules and regulations until government ownership is relinquished in favor of private enterprise at which time the areas will assume a normal position in the domestic refuse collection system. Areas added to the city by extension of the city limits shall be included in the refuse collection system.

(11) Every commercial establishment shall place all refuse in a city approved container, and shall maintain the container and the surrounding area in a clean, neat and sanitary condition.

Nothing in this section shall prohibit commercial establishments from removing their own solid waste or from contracting with a private collector for such removal; provided said private collector shall have a valid permit or license to do business with the city. (1979 Code, § 8-204, as replaced by Ord. #05-35, Nov. 2005, and amended by Ord. #16-23, Jan. 2017)

17-105. Location of containers. All residents, except those approved for special assistance due to age, handicap or illness (See § 17-105(4)) shall place their wheeled container at curbside or street-side no later than 6:30 A.M. on the date of anticipated collection. As soon as practicable after such containers have been emptied they shall be removed by the owner or occupant to within, or to the rear of their premises and away from the street line until the next scheduled time for collection.

(1) Each owner, occupant, or other responsible person, as foresaid, shall be responsible for keeping the refuse container clean and sanitary in compliance with health and sanitation requirements and shall keep container

lids closed at all times. No refuse shall be placed in container until such refuse has been drained free of all liquids and securely placed in plastic bags.

(2) The container must not be painted, abused, mutilated, altered or modified in any manner. Each owner, occupant, or other responsible person shall be responsible for replacing the refuse container if it is damaged or destroyed by the resident or as a result of his negligence, by the payment of the purchase price expended by the city for the purchase of said unit.

(3) The city shall replace any and all wheeled refuse containers that are worn out by normal wear and tear or if they are stolen or damaged by persons other than the residents to whom they are assigned. If container is stolen, resident must notify the police department and the public works department.

(4) Application for back door service may be made by any resident who qualifies for one (1) of the following:

(a) Resident(s) is/are unable to place the container at the curb due to age, infirmity, illness or handicap. A doctor's statement shall be required by the public services department.

(b) A residence that is located three hundred feet (300') or more from the street. (1979 Code, § 8-205, as replaced by Ord. #05-35, Nov. 2005, and amended by Ord. #16-23, Jan. 2017)

17-106. Collection vehicles. The collection of refuse shall be by means of vehicles with beds constructed of impervious materials which are easily cleanable and so constructed that there will be no leakage of liquids draining from the refuse onto the streets. Furthermore, all refuse collection vehicles shall utilize closed beds or such covering as will effectively prevent the scattering of refuse over the streets. (1979 Code, § 8-206, as replaced by Ord. #05-35, Nov. 2005)

17-107. Leaf and limb removal service. It shall not be the responsibility of the refuse collecting agency of the city to shovel or pick up leaves or lawn clippings, unless the same shall be bagged and piled at curbside for the collection truck. It shall be the responsibility of the property owner to bag their lawn clippings and leaves in a city approved, eco-friendly, compostable bag. The city shall make the approved eco-friendly bags available to the residents at no additional cost. The approved bags will be made available at city hall (105 College Street) and at the public services facility (427 Industrial Drive). Additional distribution locations may become available after program initiation. Bagged material that is not in the city approved bags shall not be collected, or accepted, at the public services drop-off facility. Furthermore, it shall not be the responsibility of the collecting agency of the city to remove any trunks or limbs of trees unless said brush shall have been cut into lengths of not more than six (6) feet. The trunks or limbs of trees measuring six (6) inches or more in diameter shall be cut into lengths of no more than two (2) feet and of a weight

of no more than fifty (50) pounds, and all of said material shall be piled at curbside. The city will be responsible for limb and leaf collection at a minimum of once per month. (1979 Code, § 8-207, as replaced by Ord. #05-35, Nov. 2005, and amended by Ord. #16-23, Jan. 2017)

17-108. Nurserymen; duty to remove trash. Every nurseryman or other person who cuts trees or trims shrubs or grass as an independent contractor of the occupant of the premises, shall remove or cause to be removed all such trash from the premises serviced by him. (1979 Code, § 8-208, as replaced by Ord. #05-35, Nov. 2005)

17-109. Prohibited substances and practices. (1) The following substances are hereby prohibited and shall not be deposited in garbage containers:

- (a) Flammable liquids, solids or gases, such as gasoline, benzene, alcohol or other similar substances.
- (b) Any material that could be hazardous or injurious to city employees or which could cause damage to city equipment.
- (c) Construction and Demolition (C&D) waste which shall include materials from construction, demolition, remodeling, construction site preparation, including but not limited to rocks, trees, debris, dirt, bricks, fill, plaster, and types of scrap building materials.
- (d) Hot materials such as ashes, cinders, etc.
- (e) Human or animal waste shall be prohibited from being placed in garbage container.
- (f) Infectious waste, hypodermic needles, syringes, Pasteur pipettes, broken glass, scalpel blades, etc. used in patient care or which have come into contact with infectious agents unless placed in approved medical waste containers.
- (g) Animal carcasses, body parts (including fluids), and bedding of animals.
- (h) No televisions, computer parts or components will be accepted.
- (i) No carpet, padding or associated materials shall be accepted.
- (j) No household hazardous waste shall be accepted.
- (k) No appliance or machinery containing any gaseous substances will be taken.

(2) It shall be unlawful for any person, other than the occupant-user, to move remove, upset, scatter, tamper, use, carry away, deface, mutilate, destroy, damage or interfere with the garbage container.

(3) It shall also be unlawful for any person to dump waste or grass upon any street, alley, or public place or public way.

(4) The disposal of refuse in any quantity by any person in any place, public or private, other than at a site or sites designated for refuse disposal is

expressly prohibited. (1979 Code, § 8-209, as replaced by Ord. #05-35, Nov. 2005, and amended by Ord. #16-23, Jan. 2017)

17-110. Dumping in streams, sewers, and drains prohibited. It shall be unlawful for any person, firm or corporation to dump refuse in any form into any stream, ditch, storm sewer, sanitary sewer, or other drain within the City of White House. (1979 Code, § 8-210, as replaced by Ord. #05-35, Nov. 2005)

17-111. Burning without a permit. It shall be unlawful for any person, firm or corporation to burn or attempt to burn refuse on private or public property within the corporate limits of the City of White House without first securing the approval of the appropriate city departments having jurisdiction. (1979 Code, § 8-211, as replaced by Ord. #05-35, Nov. 2005)

17-112. Failure to comply. (1) Any person violating any of the provisions of this chapter shall be served by the city with written notice stating the nature of the violation and providing up to but not limited to ten (10) days time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations. Service will be discontinued until such time as the violation is corrected.

(2) Any person who shall continue any violation beyond the time provided for in § 17-111(a) shall be guilty of a misdemeanor and shall be punishable under the general penalty clause of this code.

(3) Any person violating any of the provisions of this chapter shall become liable to the city for any expense, loss or damage occasioned by city personnel or equipment by reason of such violation. (1979 Code, § 8-212; as replaced by Ord. #05-35, Nov. 2005)

17-113. Fee schedule. (1) Refuse collection fee. Each customer who owns or rents property within the corporate limits shall pay a refuse collection fee of nineteen dollars (\$19.00) per month per container for curbside pickup. Any commercial business with more than two (2) containers must contract refuse pickup with a private hauler.

(2) Special events service:

\$5 per container with a \$100 minimum (this will include delivery, pickup and disposal of refuse) Prior approval by public works director is required.

(3) Fee schedule for disposal at public works facility:

Single item: \$15

Pick-up truck load: \$50

Tires (on or off rim): \$10

Any load containing tires or an item that would fit in the single item category will be charged \$50 plus the cost of additional item(s).

Customer requested pickup will be double the above amounts.

(4) Brush and limbs will be accepted at the public works facility free of charge.

(5) Residents and commercial accounts that have city provided solid waste disposal service shall be allowed two (2) free disposal drop-offs per calendar year at the public services trash transfer station. The material load shall be limited to a pickup truck, or a trailer no larger in size than four by eight feet (4' x 8'). (as added by Ord. #05-35, Nov. 2005, and amended by Ord. #07-18, June 2007, Ord. #14-12, June 2014, Ord. #16-23, Jan. 2017, Ord. #20-09, June 2020 ***Ch19_01-20-22***, and Ord. #21-07, June 2021 ***Ch19_01-20-22***)

17-114. City empowered to collect refuse. The city is hereby empowered to carry out all the terms and provisions of this chapter and to collect and dispose of refuse in the manner provided herein. (as added by Ord. #05-35, Nov. 2005)

PROPOSED
TITLE 17

ORDINANCE 23-03

AN ORDINANCE OF THE CITY OF WHITE HOUSE, TENNESSEE AMENDING THE MUNICIPAL CODE TITLE 17, REFUSE AND TRASH DISPOSAL IN ITS ENTIRETY.

WHEREAS, the Board of Mayor and Aldermen desire to update the Municipal Code regarding refuse and trash disposal;

NOW, THEREFORE, BE IT ORDAINED by the Board of Mayor and Aldermen that the White House Municipal Code Title 17, Refuse and Trash Disposal be replaced in its entirety.

First Reading: February 16, 2023

Second Reading: March 16, 2023

John Corbitt, Mayor

ATTEST:

Derek Watson, City Recorder

TITLE 17

REFUSE AND TRASH DISPOSAL

Chapter

1. Refuse
2. Brush Collection – Bulk Rubbish Pick-up

CHAPTER 1

REFUSE

SECTION

- 17-101. Purpose
- 17-102. Definitions
- 17-103. Rules and regulations to implement
- 17-104. Premises to be kept clean
- 17-105. Garbage Dumpsters & Carts
- 17-106. Swill, Handling of
- 17-107. Disposal of Garbage and other Refuse
- 17-108. Collection, Contraction of
- 17-109. Refuse Collection
- 17-110. Disposal or Burning
- 17-111. Cart Weight
- 17-112. Animals
- 17-113. Replacement Carts
- 17-114. Oversized wastes
- 17-115. Disposal of waste
- 17-116. Hours of collection located near residential buildings
- 17-117. Nurserymen - Duty to Remove Trash

- 17-118. Fee Schedule
- 17-119. Littering Prohibited
- 17-120. Prohibited Substances and Practices
- 17-121. Back Door Service
- 17-122. City Empowered to Collect Refuse

17-101. Purpose. This chapter is determined and declared to be a sanitary measure for the protection and promotion of the health, safety and welfare of the Citizens of White House, Tennessee.

17-102. (1) Definitions. (a) "**Apartment units.**" The term "apartment units," as hereinafter referred to in this chapter shall mean and include all multi-family dwellings where more than one (1) family unit is in one complex located in the city limits of the City White House and shall include duplexes and triplexes as well as multi-unit apartments and shall include government subsidized apartments.

(b) "**Back Door Service.**" All handicapped, disabled, or elderly (over the age of sixty-five (65) customers, who have provided verification to the Owner/Collector from a physician as to their inability to transport carts to the curbside, may place carts at their front doorstep to be visible from the street, or at a location as may be determined by the Owner/Collector. Back Door Service is provided at no additional charge to owner or persons with a disability and with no able-bodied person in the household.

(c) "**Bulk rubbish.**" The term "bulk rubbish," as hereinafter referred to in this chapter shall include but not be limited to wooden and cardboard boxes, crates, furniture, bedding, appliances, and certain other household items, such as stoves, water tanks, washing machines, furniture bedding and other refuse items which by their size and shape cannot be readily placed in city approved cart.

(d) "**Cart.**" The term "cart," as hereinafter referred to in this chapter shall mean containerized carts distributed and owned by the City of White House and its current collector provided to the residents of the City of White House.

(e) "**Collector.**" The term "collector," as hereinafter referred to in this chapter shall mean a qualified contractor, its designee, or private collecting company, that collects, transports, or disposes of any refuse within the corporate limits of the City of White House, Tennessee.

(f) "**Construction waste.**" The term "construction waste," or "construction and demolition" (C&D) as hereinafter referred to in this chapter shall include but not be limited to materials from construction, demolition, remodeling, and construction site preparation, including but not limited to rocks, brick, dirt, roofing, wood, debris, fill, plaster, guttering and all types of scrap materials.

(g) "**Commercial waste.**" The term "commercial waste," as hereinafter referred to in this chapter shall include solid waste resulting from the operation of any commercial, industrial, institutional, or agricultural establishment, and multiple housing facilities or any entity that produces more refuse than will fill no more than two (2) 96-gallon carts per week. Commercial establishments shall be responsible for removal of their solid waste or shall contract with a private collector having a valid permit or license to do business within the city.

(h) "**Cooking waste.**" The term "cooking waste," as hereinafter referred to in this chapter shall include putrescible and non-putrescible materials originating from the preparation, cooking, and consumption of food.

(i) "**Dumpster.**" The term dumpster, as hereinafter referred to in this chapter shall mean 2-yards or higher capacity receptacles, usually constructed primarily of steel.

(j) "**Electronics**" Electronic waste, sometimes called "e-waste", includes all devices that require electricity to operate. If it plugs in, charges up, or takes batteries, it's considered e-waste when it breaks. Please check local and state regulations for proper disposal.

(k) "**Ferrous metal.**" The term "ferrous metal," as hereinafter referred to in this chapter shall include but not be limited to metals, white goods, appliances, including, but not limited to stoves, metal roofing, siding and other metal items.

(l) "**Garbage.**" The term "garbage," as hereinafter referred to in this chapter shall include putrescible wastes, except sewage and body wastes, including vegetable and animal offal (organs) and carcasses of dead animals, but excluding recognizable industrial by-products.

(m) "**Owner.**" Hereinafter referred to the City of White House.

(n) "**Public Services Director.**" The person (or his designee) hired by the City for the position of Public Services Director and has the responsibility of overseeing the Public Services Department, including Refuse Collection and/or Sanitation Division.

(o) "**Producer.**" Either the person responsible for the ashes, garbage, refuse, industrial waste, and any other waste material or the occupant of the place or building in which such is produced or in which the person responsible for

such has a place of business or residence.

(p) "**Recyclables.**" The term "recyclables," as hereinafter referred to in this chapter shall include magazines, office paper, brown paper bags, paperboard, junk mail, phone books, newspapers, aluminum cans, tin or steel cans, cardboard, plastic bottles and containers #1-7, or others that may from time to time be added or removed by the City of White House as markets and innovations allow.

(q) "**Refuse.**" The term "refuse," as hereinafter referred to in this chapter shall include garbage, rubbish, ashes, and all other combustible and non-combustible materials, market refuse, waste from the handling and sale of produce and other similar unwanted materials, but shall not include sewage, bulk rubbish, body wastes or recognizable industrial byproducts. Refuse shall also mean and include all garbage, rubbish and waste as those terms are generally defined except that dead animals, fowls and body wastes are expressly excluded therefrom and shall not be stored there within.

(r) "**Residential units.**" The term "residential units," as hereinafter referred to in this chapter shall mean solid waste resulting from the maintenance and operation of dwelling units, excluding multiple housing facilities. The City of White House shall be the sole provider of residential solid waste collection in the city limits.

(s) "**Rubbish.**" The term "rubbish," as hereinafter referred to in this chapter shall include non-putrescible waste materials that are not recyclable.

(t) "**Small commercial customers.**" The term "small commercial customers" as hereinafter referred to shall mean commercial customers not requiring dumpster service. An entity that produces more than two (2) 96 gallons carts per week of refuse will not be considered a "small commercial customer". Small commercial establishments may participate in the city's refuse collection program, remove their own solid waste, or contract with a private collector having a valid permit or license to do business within the city.

(u) "**Yard waste.**" The term "yard waste," as hereinafter referred to in this chapter shall include but not be limited to grass clippings, leaves, tree and shrubbery trimmings, and other related yard waste materials.

17-103. Rules and regulations to implement. The Public Services Director may make such necessary or desirable rules and regulations as are consistent with the provisions of this chapter to aid in its administration and to ensure compliance and enforcement.

17-104. Premises to be kept clean. All persons within the City are required to keep their premises in a clean and sanitary condition, free from the accumulation of refuse except when stored as provided in this chapter. It shall be the duty of every person in possession, charge, or control of any premises of a residential establishment, where refuse is created or accumulated to keep or cause to be kept at all times in carts, specified herein, for the deposit of refuse generated on the premises.

All persons are hereby required to store such refuse in garbage carts or dumpsters between the intervals of collection or to dispose of such material in a manner prescribed by the provisions of this chapter so as to not cause a nuisance or become injurious to the public health and welfare.

No person should place any refuse in any street, alley or other public place, or upon any private property whether owned by such person or not, within the City except it be in proper carts or dumpsters for collection or under express approval granted by the Public Services Director. Nor shall any person throw or deposit any refuse in any stream or other body of water.

Any unauthorized accumulation of refuse on any premises is hereby declared to be a nuisance and is prohibited. The Planning and Codes Department shall be notified when unauthorized refuse is found and to be accumulating on any premises.

No person shall cast, place, sweep or deposit anywhere within the City any refuse in such a manner that it may be carried or deposited by the elements upon any street, sidewalk, alley, sanitary sewer system, drain, stormwater system, stream, ditch, greenway, or other public place, or into any occupied premises within the City.

17-105. Garbage Dumpster & Cart. Each owner, occupant, or producer using or occupying any building or other premises within the City of White House where garbage, refuse, or trash accumulates or is likely to accumulate, shall provide and keep covered an adequate number of garbage or refuse dumpsters or carts for the storage of such refuse.

(1) **Policy for garbage cart collection.** The City of White House hereby establishes a policy for the collection of refuse through a contractor with the use of a semi-automated/automated garbage system. The policy of placement of the carts and contents shall be as follows:

(a) This policy shall apply for all single-family residential customers, condominiums, town homes, multi-family dwellings, certain apartment units and government subsidized apartment units and small

commercial establishments that can be served by the regular residential collection truck as follows:

(i) All refuse must be placed in the cart with lid closed and placed at the curb on public city street before 5:30 A.M. on the designated collection day and removed the same day. If possible, please have your cart(s) out and ready to be serviced the night before your scheduled pickup date.

(ii) One pickup per week will be provided

(iii) One (1) cart for garbage/refuse and one (1) cart for recycling shall be given to each customer. One (1) additional cart for garbage/refuse can be purchased at the standard monthly rate. If the allowable number of carts is insufficient, other arrangements must be made for the removal and disposal of the refuse.

(iv) Disturbing cart(s). No unauthorized person shall uncover, rifle, pilfer, dig into, turn over, or in any other manner disturb any refuse cart belonging to another.

(v) Condition of cart(s). When refuse is placed in or taken from the carts, the lids shall promptly be replaced. Each cart shall be kept clean and free of odor.

(vi) All trash must be bagged and fit inside your cart with the lid closed.

(vii) Place your cart at least 3 feet away from all objects including your second cart (if applicable), mailbox, car or trees. The lid opening should face the street with the wheels of the cart toward your house. Do not place cart in road to obstruct the flow of traffic.

17-106. Swill, Handling of. It shall be unlawful for any person, firm or corporation conducting any hotel, restaurant, or any public eating place to deposit, throw or place swill or other refuse food matter in the sanitary sewer system, stormwater system, alley, street, or other public place or to deposit, throw or place any swill upon any private property, trails, or streams, regardless of the ownership, unless the swill is enclosed in vessels or tanks of approved type by the Public Services Director and which shall be watertight and shall have tightly fitting covers, which covers shall not be removed except when necessary for depositing or removing swill. Vessels and tanks shall be kept readily accessible for collection.

17-107. Disposal of garbage and other refuse. All disposal of refuse shall be by method or methods approved by the city and such disposal shall also conform to all laws of the State of Tennessee regulating the disposal of refuse.

17-108. Collection, contraction of. The City of White House, as the need arises, may advertise for bids for a contract covering the exclusive right to collect, remove and dispose of all domestic refuse from the city or any specific portion thereof under such terms and conditions as the owner may set in the bidding specifications. The contract shall be for a period of not more than two five-year increments totaling ten (10) years. Advertising shall precede bid opening by at least thirty (30) days. The Board of Mayor Aldermen may reject any and all bids and may award the contract based upon any of the following factors: (1) Bid price. (2) Qualification, reputation, education, training, experience and financial ability of the bidder and its key employees and owners. (3) The place of residence and accessibility of the owners, managers, supervisors and/or the other employees.

17-109. Refuse collection. No company or person shall haul refuse within the city other than in a vehicle having a tight refuse compartment including a tight cover so that no leakage of liquids onto the street or blowing of trash and paper shall occur. Refuse collected by the City of White House or its designated agent shall become the property of the City of White House upon collection.

17-110. Disposal or burning. It shall be unlawful for any person to burn, dump, or in any manner dispose of garbage, refuse, rubbish, swill, ashes or other waste upon any streets, alleys, public places, trails or streams, or private property within the city. The disposal of refuse in any quantity by any person in any place, public or private, other than at a site or sites designated for refuse disposal is expressly prohibited.

17-111. Cart weight. Residential users of trash pickup shall not load carts to a weight in excess of 50 pounds

17-112. Animals. Animal owners shall restrain any animal known to be vicious so that they cannot reach refuse cart or intercept collector coming onto the property to pick up refuse.

17-113. Replacement carts. Collector in coordination with Owner shall be responsible for supplying and replacing refuse carts. Refuse carts which are unsanitary, broken, or bent so that they cannot be tightly closed shall be replaced within fourteen (14) days after being tagged as unsatisfactory. Fourteen (14) days after being tagged, the collector of refuse may remove and replace the cart at the next routine trash pickup.

17-114. Oversized wastes. Oversized wastes including but not limited to Christmas trees, appliances, & mattresses are not included in regular refuse service.

17-115. Disposal of waste. All persons or companies collecting solid wastes within the City of White House are directed to deliver the solid waste at such places as designated by the Board of Mayor and Aldermen of the City of White House. The term "solid waste" shall include trash, garbage, chipped tree limbs, leaves and other waste products which would otherwise be transported to a landfill or other suitable dumping site for disposition.

17-116. Hours of collection located near residential buildings. No person shall empty or remove any carts used for the accumulating of garbage or handling of rubbish between the hours of 10:00 p.m. and 6:00 a.m. when said containers are located with 2,500 feet of any building or structure used for residential purposes. Carts used for commercial purposes installed or placed after the effective date of this ordinance shall have contact information in a clearly visible location on such cart. Provided, however, the prohibition of such activity shall not be applicable when specifically permitted by the Director of Public Services.

17-117. Nurserymen - Duty to Remove Trash- Every nurseryman, commercial tree and landscaping service, non-resident, or other person who cuts trees or trims shrubs or grass as an independent contractor of the occupant of the premises, shall remove or cause to be removed all such trash from the premises serviced by him. If you hire or solicit someone to cut your brush, be sure that the cost of hauling the brush, yard waste and other debris away is included in the price and that it is hauled away by the company.

17-118. Fee schedule. (1) Garbage/Refuse and Recyclable collection fee. Each customer who owns or rents property within the corporate limits shall pay a refuse and recyclable collection fee of nineteen dollars (\$19.00) per month. Residents may add a second refuse cart and pay an additional nineteen dollars (\$19.00) per month. Any commercial business with more than two carts must contract refuse pickup with a private hauler.

(2) Residents and commercial accounts that have city provided solid waste disposal service shall be permitted two disposal drop-offs per calendar year at the Public Services convenience center, not including bulk rubbish. The material load shall be limited to a pickup truck, or a trailer no larger in size than four by eight feet (4' x 8'). Proper ID is required at time of drop-off. This convenience center provides a suitable way for White House residents to dispose of excess residential trash, recyclables, compostable, and other waste items that are not accepted in our curbside trash program. Vehicles with commercial tags will not be allowed to enter.

(3) Once the two permitted dumps are used the fee schedule for bringing refuse to the Public Services Facility, not including bulk rubbish is as follows:

Single item: \$15

Pick-up truck load or 4' x 8' Trailer: \$50

(4) Residents that have city provided refuse service are allowed to bring brush and limbs to the Public Services Facility at no additional charge. Bio-Degradable Brown Paper Lawn/Leaf bags are available at the Public Works Facility at no additional charge. Limit 10 bags per household on any given day.

(5) Semi-Annually the city holds a bulk rubbish drop-off day from 8am to 12pm that occurs on the second Saturday in January and June. Residents that have city provided solid waste disposal service shall be allowed to dump with proper ID.

(6) Recycling Drop-off is open during regular business hours Monday through Thursday 7:15 am to 5:15 pm to all White House residents to recycle metal (Tin Cans, Iron, Aluminum, Steel, Copper, Brass). A separate roll off for recycling according to the signage that states "metal only" is located at the convenience center / Public Services Facility.

17-119 Littering Prohibited. (1) General Prohibition. No person shall throw, deposit or accumulate litter in or upon any public place or private premises as hereinbefore defined within the city, except while such person is temporarily engaged in clearing the public place or private premises of litter or improving the public place or private premises.

- (2) Litter on Streets Prohibited. No person or persons shall leave, discard, deposit, throw away or cause to be left, discarded, deposited or thrown away, any container of any type material, waste, food paper, wood, trash or any refuse upon any street, on/off ramps, alley, gutter, sidewalk or greenway.
- (3) Deposit of Sweepings upon Street Prohibited. It is unlawful for any person, firm, company or corporation to deposit upon any sidewalk or street within the city any sweepings from any sidewalk, stairway or other opening leading to the street or sidewalk. All such sweepings or materials from any sidewalk or any other opening leading to the street or sidewalk within the city shall be removed in a pan, shovel or other container and placed in a receptacle for rubbish.
- (4) Littering Parks Prohibited. No person shall throw or deposit litter in any park within the city except in public receptacles and in such a manner that the litter will be prevented from being carried or deposited by the elements upon any part of the park or upon any street or other public place. Where public receptacles are not provided, all such litter shall be carried away from the park by the person responsible for its presence and properly disposed of elsewhere as provided herein.
- (5) Depositing Litter on Occupied Private Property Prohibited. No person shall throw or deposit litter on any occupied private property within the city, whether owned by such person or not; except, that the owner or person in control of private property may maintain authorized private receptacles for collection in such a manner that litter will be prevented from being carried or deposited by the elements upon any street, sidewalk or other public place or upon any private property.
- (6) Deposit of Litter on Vacant Lots Prohibited. No person shall throw or deposit litter on any open or vacant private property within the city, whether owned by such person or not.
- (7) Debris Dropped from Vehicles Prohibited on Streets. No person shall throw, deposit or drop, or cause to be thrown, deposited or dropped, any dirt, debris, boulders, pebbles, hardpan, rock, glass or any material whatsoever on any street in the city, or permit any dirt, debris, pebbles, hardpan, rock, boulders, or glass to drop, roll or leak from any vehicle on any street in the city. It is unlawful for any person to place upon the surface of the street, alley or public place in the city any nails, broken glass, sharp implements, crushed rock, or any other substance tending to cause injury to the tires of vehicles passing along such street, alley or public place. In the event that such debris is deposited on any street in the city, the Director of Public Services shall require the person responsible to immediately remove the debris and clean the street right-of-way. In the event that the city undertakes to affect such cleanup, the cost thereof shall be charged to the person responsible.
- (8) Throwing Litter from Vehicles Prohibited. No person, while a driver or passenger in a vehicle, shall throw or deposit litter upon any street or other public place within the city, or upon private property.
- (9) No person shall throw or deposit litter in any fountain, pond, lake, stream, or any other body of water in a park or elsewhere within or partly within the city.
- (10) Scattering Waste Paper, Lunch Remains, etc. To leave or scatter about any boxes, empty or otherwise, waste paper, remains of lunches, newspaper or rubbish of any kind, except that such material and matter may be left and deposited in receptacles provided for such purpose.
- (11) Every person operating a tow vehicle on public or private streets or alleys is responsible for the pickup and removal of all residue from vehicle collision scenes, from which such operator is engaged in the removal of damaged vehicles. Such pickup shall be done at the time of the vehicle removal.

17-120. Prohibited Substances and Practices. (1) The following substances are hereby prohibited and shall not be deposited in garbage carts or dumpsters:

- (a) Flammable liquids, solids or gases, such as gasoline, benzine, alcohol or other similar substances.
- (b) Any material that could be hazardous or injurious to collector or owner which could cause damage to city/collector equipment.
- (c) Construction and Demolition (C&D) waste which shall include materials from

construction, demolition, remodeling, construction site preparation, including but not limited to rocks, trees, debris, dirt, bricks, fill, plaster, and types of scrap building materials.

(d) Hot materials such as ashes, cinders, etc.

(e) Human or animal waste shall be prohibited from being placed in garbage container.

(f) Infectious waste, hypodermic needles, syringes, Pasteur pipettes, broken glass, scalpel blades, etc. used in patient care or which have come into contact with infectious agents unless placed in approved medical waste containers.

(g) Animal carcasses, body parts (including fluids), and bedding of animals.

(h) The city does not take any type of electronics including but not limited to TV's, Computers, Office Equipment, Audio and Visual Equipment, Telephones and Cell phones. If it plugs in, charges up, or takes batteries, it cannot be accepted.

(i) No carpet, padding or associated materials shall be accepted.

(j) No household hazardous waste shall be accepted.

(k) Prohibited substances encompasses the refuse service and convenience center located at the Public Services facility.

(2) No appliance or machinery containing any gaseous substances will be taken.

(3) The following unlawful practices are hereby prohibited:

(a) It shall be unlawful for any person, other than the occupant-user, to move, remove, upset, scatter, tamper, use, carry away, deface, mutilate, destroy, damage, or interfere with the garbage cart.

(b) It shall also be unlawful for any person to dump waste or grass upon any street, alley, or public place or public way.

(c) The disposal of refuse in any quantity by any person in any place, public or private, other than at a site or sites designated for refuse disposal is expressly prohibited.

17-121. Back Door Service. (1) Application for back door service can be picked up at the Public Services Department or filled out online at the City's website. All requests must be approved by the Public Services Director. Requests can be made by any resident who:

(a) Qualifies as defined by or in the Title 17-102 Section (1), Part (b)

(b) Any resident that is located three-hundred feet (300') or more from the street

(c) Any resident that can clearly show that they have an uncommon reason for the request

17-122. City empowered to collect refuse. The city is hereby empowered to carry out all the terms and provisions of this chapter and to collect and dispose of refuse in the manner provided herein.

CHAPTER 2

Brush Collection – Bulk/Rubbish Pick-up

SECTION

17-201. Purpose.

17-202. Definitions

17-203. Leaf and Limb Removal Service

17-204. Bulk/Rubbish Pick-up Service

17-205. Nurserymen - Duty to Remove Trash

17-206. Fee schedule

17-207. Prohibited Practices

17-208. Permitted Practices

17-201. Purpose. This chapter is determined and declared to be a sanitary measure for the protection and promotion of the health, safety and welfare of the Citizens of White House, Tennessee.

17-202 Definitions (a) "**Bulk rubbish.**" The term "bulk rubbish," as hereinafter referred to in this chapter shall include but not be limited to wooden and cardboard boxes, crates, furniture, bedding, appliances, and certain

other household items, such as stoves, water tanks, washing machines, furniture bedding and other refuse items which by their size and shape cannot be readily placed in city approved containers.

(b) **"Brush Collection"** Brush collection takes place throughout the year but may be altered during leaf collection periods. The City defines brush as tree trimmings, shrubbery (with no roots), limbs, etc., generated by routine maintenance of a property by the homeowner.

(c) **"Collector."** The term "collector," as hereinafter referred to in this chapter shall mean a City of White House, qualified contractor, its designee, or private collecting company, that collects, transports, or disposes of any refuse within the corporate limits of the City of White House, Tennessee.

(d) **"Electronics"** Electronic waste, sometimes called "e-waste", includes all devices that require electricity to operate. If it plugs in, charges up, or takes batteries, it's considered e-waste when it breaks. Please check local and state regulations for proper disposal.

(e) **"Knuckle Boom Truck" or Grapple Truck** Hereinafter is referred to a truck that has a grapple loader or boom that is used for loading brush and bulky material.

(f) **"Owner"** Hereinafter referred to the City of White House

(g) **"Producer."** Either the person responsible for the ashes, garbage, refuse, industrial waste, and any other waste material or the occupant of the place or building in which such is produced or in which the person responsible for such has a place of business or residence.

(h) **"Yard waste."** The term "yard waste," as hereinafter referred to in this chapter shall include but not be limited to grass clippings, leaves, tree and shrubbery trimmings, and other related yard waste materials.

17-203. Leaf and Limb Removal Service (a) It shall not be the responsibility of the refuse collecting agency of the city to shovel or pick up leaves or lawn clippings. It shall be the responsibility of the property owner to bag their lawn clippings and leaves in a city approved, eco-friendly, compostable bag. The city shall make the approved eco-friendly bags available to the residents at no additional cost. The approved bags will be made available at the Public Services Facility (725 Industrial Drive). Bagged material that is not in the city approved bags shall not be collected, or accepted, at the Public Services drop-off facility. Furthermore, it shall not be the responsibility of the collecting agency of the city to remove any trunks or limbs of trees unless said brush shall have been cut into lengths of not more than six (6) feet. The trunks or limbs of trees measuring six (6) inches or more in diameter shall be cut into lengths of no more than two (2) feet and of a weight of no more than fifty (50) pounds, and all of said material shall be piled at curbside. The city pickup based on availability for limb and leaf collection at a maximum of once per month.

(b) Brush piles must be piled straight, and placed behind or on the curb for collection.

(c) Do not place brush on center medians or islands.

(d) Do not place brush next to objects such as fences, guy wires, and poles or under trees. Equipment is restricted in those areas.

(e) Brush may not be mixed with other debris. If mixed with dirt, rocks, lumber, etc., brush will not be collected until properly separated

(f) Do not obstruct or place brush on sidewalks, or pedestrian walkways

17-204. Bulk/Rubbish Pick-up Service Residents that have refuse service with the city are subject to call the Public Services office for bulk pick-up items. Public Services Director or his designee will approve or disapprove pickup based on availability and items being removed.

17-205. Fee schedule. (1) Customer requested fee for pickup and disposal at the Public Services Facility:

Single item = \$30,

Pick-up truck load = 100

17-206. Nurserymen - Duty to Remove Trash Every nurseryman, commercial tree and landscaping service, non-resident, or other person who cuts trees or trims shrubs or grass as an independent contractor of the occupant of the premises, shall remove or cause to be removed all such trash from the premises serviced by him. If you hire or solicit someone to cut your brush, be sure that the cost of hauling the brush, yard waste and other debris away is included in the price and that it is hauled away by the company.

17-207. Prohibited Practices. (a) Using plastic bags for grass and leave clippings

- (b) Placing brush, clippings and/or leaves in medians or where they can be washed into a storm sewer, catch basin or stream and clog up drainage systems.
- (c) Blow or sweep leaves, grass clippings, and other yard debris onto City streets, sidewalks or bike lanes.
- (d) Stack brush against mailboxes, trees, fences, utility poles, guardrails or other stationary objects.
- (e) Put lumber, household trash and other types of debris in your brush pile.
- (f) Bamboo over 8 feet long
- (g) Limbs more than 4 inches in diameter or longer than 6 feet.
- (h) Tree stumps more than 6 inches in diameter or longer than 2 feet not exceeding 50 pounds. Stumps with dirt and root balls will not be collected.
- (i) Brush piles too far from the curb or City right-of-way will not be collected.
- (j) Electronics will not be accepted at the city's bulk drop off sites

17-208 Permitted Practices. (a) Set brush and/or yard waste out before the scheduled start date in your area where your garbage is collected (at the curb or in the alley).

- (b) Place leaves and grass clippings in biodegradable paper bags only.
- (c) Only place limbs, branches and true yard waste by the curb for brush crews.
- (d) Large branches can only be up to 6 inches in diameter and 2 feet long.
- (e) Tree stumps up to 6 inches in diameter and 2 feet in length. Stumps must be free of dirt and root balls.
- (f) Limit one Knuckle Boom Truck load on the week of scheduled service. The owners current grapple truck measures 19 Feet Length, 9 Feet Width, and 5 Feet in Height.

WASTEWATER CYBER SECURITY PLAN



City of White House Public Works

Memo

To: Public Services Department
From: Andy Cieslak, DPW
Date: February 16th, 2023
Re: Request to Authorize – Engineering Services for Cyber Security Plan

On this date February 16th 2023, I am requesting that the Board of Mayor Alderman authorize the city to enter into an agreement with Jacobs Engineering to conduct on-site assessment's, workshops, investigations, plan/development & implementation of a Cyber Security Plan for the City of White House.

These services will be provided to establish an understanding of the state of the City's systems following completion of the SCADA system upgrade to be performed as part of the current Wastewater Treatment Plant (WWTP) Improvements Project; develop a cybersecurity assessment based on industry standards; and develop a Cybersecurity Plan in support of Tennessee House Bill 2346 and Senate Bill 2282. Attached is the agreement and quote for \$125,000.00 for your review and consideration.

Should you have any questions regarding this request, please feel free to call me at 615-672-3654.

Andy Cieslak
Director of Public Services



Summary

ON MARCH 28, 2022, THE SENATE ADOPTED AMENDMENT #1 AND PASSED SENATE BILL 2282, AS AMENDED.

AMENDMENT #1 rewrites this bill to require certain utilities to prepare and implement a cyber security plan to provide for the protection of the utility's facilities from unauthorized use, alteration, ransom, or destruction of electronic data. The initial plan must be implemented by the later of July 1, 2023, or one year from the date that the utility is formed. This amendment requires utilities to assess and update the cyber security plan every two years to address new threats. The utilities to which these provisions apply are: entities subject to the jurisdiction of the water and wastewater financing board; entities subject to the jurisdiction of the utility management review board; rural electric membership cooperatives; and county-owned or municipal-owned utilities that provide electric, natural gas, or propane services to the public.

This amendment requires the comptroller of the treasury to:

- (1) Verify that a utility has implemented a cyber security plan in accordance with this amendment;
- (2) Enforce the provisions of this amendment;
- (3) Submit a report to the chair of the commerce committee of the house of representatives, the chair of the commerce and labor committee of the senate, the department of safety, and the legislative librarian on the first Monday of February each year regarding compliance with this amendment; and
- (4) When applicable, report a noncompliant utility to the applicable regulatory board for consideration of sanctions, or, if no such board applies, impose sanctions directly.

This amendment also requires public utilities that provide electric, water, wastewater, or natural gas services to prepare and implement a cyber security plan, subject to the same deadlines and update requirements as described above with the only significant difference being that the Tennessee public utilities commission (instead of the comptroller) will exercise the verification, enforcement, and reporting responsibilities.

Actions (22)

On June 3, 2022 in the Senate:

- Effective date(s) 06/01/2022
- Pub. Ch. 1111

On June 1, 2022 in the Senate:

- Signed by Governor.

On May 23, 2022 in the Senate:

- Transmitted to Governor for action.

On May 17, 2022 in the House:

- Signed by H. Speaker



AGREEMENT FOR PROFESSIONAL SERVICES

INDUSTRIAL CONTROL SYSTEMS AND CYBERSECURITY ASSESSMENT AND PLAN
CONSULTING

Task Order No. 5 _____

Client Project No. _____ Engineer Project No. _____

This Task Order is entered into on the effective date noted above pursuant to the "Master Agreement for Professional Services" between CITY of WHITE HOUSE, Tennessee ("Client") and JACOBS ENGINEERING GROUP INC. ("Engineer"), dated February 18, 2016 ("Agreement"). The Agreement is incorporated herein and forms an integral part of this Task Order.

Services Authorized & Compensation

The Client authorizes the Engineer to perform services and be compensated as detailed within Exhibits A and B.

CITY OF WHITE HOUSE, TENNESSEE

JACOBS ENGINEERING GROUP INC.

By: _____

By: _____

Date: _____

Name: Robert Cook, P.E.

Title: Manager of Projects

Date: _____

Project Understanding

Jacobs will assist the City of White House (City) to enhance its industrial control systems (ICS) availability and cybersecurity posture by identifying cybersecurity requirements and preparing a Cybersecurity Plan as required by the State of Tennessee.

Cybersecurity consulting services will be provided by experienced professionals with familiarity with ICS and cybersecurity systems infrastructure. These services will be provided to establish an understanding of the state of the City's systems following completion of the SCADA system upgrade to be performed as part of the current Wastewater Treatment Plant (WWTP) Improvements Project; develop a cybersecurity assessment based on industry standards; and develop a Cybersecurity Plan in support of Tennessee House Bill 2346 and Senate Bill 2282.

These services will be based in the ICS layer or Level 0 to Level 3.5 De-Militarized Zone (DMZ) of the Purdue Network Model.

Task 1: Cybersecurity Assessment Project and Engineering Services

Activities for this task include a project kickoff meeting and general coordination, preparation for the onsite workshops, meetings with the third-party SCADA contractor for the WWTP Improvements Project and meetings with the City's Information Technology (IT) Services Department. Utilizing ICS network information provided by the City and SCADA contractor documentation, an initial review of network block diagrams will be conducted to assist with understanding the future state of the ICS network, including the legacy ICS network, to provide a basis for the workshop during the onsite visit. An agenda will be submitted and agreed upon for the onsite portion of work prior to the visit.

Deliverables

- SCADA Current State and SCADA Upgrade Project – Documentation Summary
- Site Visit(s) – Agenda
- Third Party Meeting(s) – Agenda
- IT Services Department Meeting(s) – Agenda

Task 2: Cybersecurity Assessment Onsite Workshop and Investigations

Activities for this task include two full days of workshops, architecture review, and investigation time onsite. This survey does not include in-depth examinations into the network with software or tools. The survey will require support of City operations staff and management. Topics such as network architecture, stability, availability, regulatory compliance, and cybersecurity will be discussed with operations and site personnel. Workshops will assist the development of a project roadmap to

support development of the Cybersecurity Plan focused on availability, cybersecurity, and standards for the City's ICS network. This will include a shortlist of prioritized objectives that will form the outline for the report to follow.

Deliverables

- SCADA Upgrade Project – Onsite Workshop and Project Documentation Review
- SCADA Legacy System – Onsite Workshop and Project Documentation Review
- City's IT Support Structure – Onsite Workshop
- Tennessee House Bill 2346 and Senate 2282 Cybersecurity Plan – Review Bills

Task 3: Cybersecurity Assessment Report Development

After completion of the site visit, Jacobs will prepare a report including a recommended course of action to support development of the Cybersecurity Plan. The report will include, but is not limited to, the following:

- ICS Network Block Diagram – Post SCADA Upgrade and Legacy Components
- ICS and OT Asset Summary – Hardware and Software
- Observations of assessment, plant operations and cybersecurity improvement opportunities
- Recommendations based upon industry standards as referenced
- Cybersecurity Plan based on Tennessee House Bill 2346 and Senate 2282 - Summary Proposal for Cybersecurity Plan

Deliverable: Report and Assessment Review Workshop

Task 4: Cybersecurity Plan Project and Engineering Services

Activities for this task include a kickoff meeting and general coordination, preparation for the onsite workshops, meetings with the third-party SCADA contractor and meetings with the City's IT Services Department during Cybersecurity Plan development. An agenda will be submitted and agreed upon for the onsite portion of work prior to the visit.

Deliverables.

- Site Visit(s) – Agenda
- Third Party Meeting(s) – Agenda
- IT Services Department Meeting(s) – Agenda

Task 5: Cybersecurity Plan Development

Activities for this task include development of the Cybersecurity Plan referencing the results of the Cybersecurity Assessment. The Cybersecurity Plan will require support of City operations staff and management. Two workshops will be conducted to support the development of the Cybersecurity Plan focused on availability, cybersecurity, and standards for the City's ICS network. Workshop One

will include discussion of topics such as network architecture, stability, availability, regulatory compliance, and cybersecurity with operations and site personnel. Workshop Two will include a formal review with the City of the Cybersecurity Plan preliminary document. Comments from the City on the preliminary Cybersecurity Plan will be received and discussed during the workshop. Jacobs will document the comments and provide written response to the City's comments to obtain agreement prior to beginning Task 6.

Deliverables

- Cybersecurity Plan Draft – Documentation
- Tennessee House Bill 2346 and Senate 2282 Cybersecurity Plan – Summary
- Cybersecurity Plan Standards Reference – Summary

Task 6: Cybersecurity Plan Final

Jacobs will prepare the final ICS Cybersecurity Plan to incorporate comments received from the City on the preliminary document. The ICS Cybersecurity Plan will provide technical guidance for the City's operational ICS environment. Upon completion of Task 6, the final Cybersecurity Plan document will be issued to comply with the requirements of Tennessee House Bill 2346 and Senate Bill 2282.

The completion schedule for the current WWTP Improvements Project and associated SCADA upgrades has been extended until at least the end of 2023. As a result, an additional review will be performed at completion of the WWTP Improvements Project to insure continued alignment of the Cybersecurity Plan with the SCADA upgrades.

Deliverables

- ICS Cybersecurity Plan and ICS Cybersecurity Plan Review Meeting
- Follow-up Cybersecurity Plan review at completion of WWTP construction

Assumptions

Jacobs will reasonably rely upon the accuracy, and completeness of the information/data provided by the City or other third parties without independent verification.

Additional services beyond the Scope of Services defined above will require an amendment or separate task order to be negotiated.

Jacobs' consultation, review, configuration, or study (as applicable) of the City's software, hardware, products, or systems (collectively "City System") in no way makes Jacobs responsible for the performance, operation or security of the City System. Jacobs makes no warranty, whether expressed or implied, as to the viability or performance of the City System. Additionally, Jacobs cannot and does not provide any representation, warranty, or guarantee that its services will ensure the City System will not be vulnerable, susceptible, or open to outside infiltration, exploitation, hacking or breach from third parties, outside entities or sources. The City is solely responsible for

the security of the City System, and Jacobs' services do not in any way relieve the City of any responsibility for the protection, firewalling and/or overall security of City System. Jacobs shall have no responsibility or liability for the security of the City System, and the City shall indemnify and hold Jacobs harmless for any claims, liability, actions, damages, expenses, and/or costs of any kind associated with any actual or alleged infiltration, data loss, data corruption, exploitation, hacking or breach of the City System at any time regardless of the source or cause thereof.

Compensation

Compensation will be based on standard hourly billing rates in Exhibit B. Estimated task budgets for the scope of services described herein are provided in the table below.

Labor Tasks and Expenses	Compensation
Task 1: Cybersecurity Assessment Project and Engineering Services	\$4,220
Task 2: Cybersecurity Assessment Onsite Workshop and Investigations	\$13,920
Task 3: Cybersecurity Assessment Report Development	\$21,324
Task 4: Cybersecurity Plan Project and Engineering Services	\$5,104
Task 5: Cybersecurity Plan Development	\$38,744
Task 6: Cybersecurity Plan Final	\$36,688
Labor Total	\$120,000
Expenses	\$5,000
Total	\$125,000



Exhibit B: Billing Rate Schedule

Functional Classification - Description	Hourly Rate
Admin Staff I	\$72
Admin Staff II	\$93
Project Coordinator / Admin Staff	\$113
Designer / RPR - 0	\$82
Designer / RPR - 1	\$93
Designer / RPR - 2	\$103
Designer / RPR - 3	\$124
Designer / RPR - 4	\$134
Designer / RPR - 5	\$149
Designer / RPR - 6	\$165
Engineer / Consultant- 0	\$93
Engineer / Consultant- 1	\$108
Engineer / Consultant- 2	\$129
Engineer / Consultant- 3	\$149
Engineer / Consultant- 4	\$170
Engineer / Consultant- 5	\$180
Engineer / Consultant- 6	\$196
Engineer/ Consultant- 7	\$205
Project Manager / Design Manager / Construction Manager - 1	\$170
Project Manager / Design Manager / Construction Manager - 2	\$191
Project Manager / Design Manager / Construction Manager - 3	\$206
Project Manager / Design Manager / Construction Manager - 4	\$216
Technologist / Subject Matter Expert - 1	\$206
Principal Manager /Technologist / Subject Matter Expert - 2	\$232
Principal Manager /Technologist / Subject Matter Expert - 3	\$263
Principal Manager / Subject Matter Expert - 4	\$283

Expenses	Rate
Automobile Mileage	Current IRS Rate
Agency Review Fees	Paid by Client
Other travel and subsistence expenses (lodging, meals, air travel, etc.)	At Cost
Printing, overnight mail, courier, long distance, postage, copies, etc.	At Cost

Sub-Consultant Services (Does not include
Contract Labor; Contract Labor Cost per
Task Order)

At Cost + 5%

* Rates are subject to 3.5% escalation beginning January 1, 2024.