

**TOWN OF SELLERSBURG  
TOWN COUNCIL WORKSHOP  
316 E. UTICA STREET  
SELLERSBURG, INDIANA 47172**

**JUNE 8, 2020**

**CALL TO ORDER AND ROLL CALL OF MEMBERS:**

Called to order by: President Brad Amos at 5:02 p.m.

Present: President Brad Amos, Vice President Matthew Czarnecki, 2<sup>nd</sup> Vice President Scott McVoy, Member Terry Langford, Member Randall Mobley, Town Attorney Jacob Elder, Town Manager Charles Smith, Clerk Treasurer Michelle Miller, Town Engineers Josh Hillman, Mike Harris and Nicole Koeninger of Jacobi, Toombs and Lanz, Bo Zoeller of Frost, Brown, Todd and Deen Rogers of Bakertilly.

**NEW BUSINESS:**

Waste Water Treatment Plant Expansion and Rehabilitation Discussion

**ADJOURN:**

Motion: Czarnecki      Second: McVoy  
Time: 6:00 p.m.

Vote: 5-aye, 0-nay, motion approved.

Minutes approved this \_\_\_\_\_ day of \_\_\_\_\_, **2020**

\_\_\_\_\_  
Brad J. Amos, Council Member

\_\_\_\_\_  
Matt Czarnecki, Council Member

\_\_\_\_\_  
Scott McVoy, Council Member

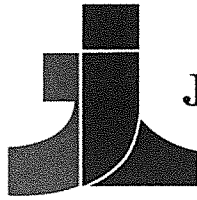
\_\_\_\_\_  
Terry Langford, Council Member

\_\_\_\_\_  
Randall Mobley, Council Member

\_\_\_\_\_  
Attest: Michelle D. Miller, Clerk Treasurer

**Note:** All approved contracts/agreements can be located in Gateway using the following link:  
<https://gateway.ifionline.org/public/contract-search/>

Approved Minutes, Ordinances and Resolutions are located on the Clerk Treasurer's Website at [www.sellersburgclerk.com](http://www.sellersburgclerk.com)



**Jacobi, Toombs & Lanz, Inc.**  
*Consulting Engineers & Land Surveyors*

**SELLERSBURG TOWN COUNCIL WORKSHOP  
WWTP EXPANSION AND REHABILITATION  
MEETING AGENDA**

Town of Sellersburg, Indiana  
Time/Date: Monday, June 8, 2020, 5:00 p.m.  
Location: Sellersburg Town Hall  
316 E. Utica St., Sellersburg, Indiana 47172

**Agenda:**

1. Introductions
2. Project Overview and Potential Phasing
3. Financing
  - a. BAN
  - b. SRF
4. Other Items to Include in SRF Loan?
  - a. Sanitary Master Plan
    - i. Plan Preparation and Mapping - \$325k
    - ii. Flow Metering - \$60k
    - iii. CCTV - \$40k
  - b. Perry Crossing PS (will require update to PER)
    - i. Design – \$40k
    - ii. Construction - \$500k
    - iii. Construction Admin/Inspection - \$40k
  - c. PER
    - i. Preparation - \$50k
    - ii. Updates included in WWTP contract
5. Rate Study
6. Other/Questions

**Corporate**  
1829 E. Spring Street  
Suite 201  
New Albany, IN 47150  
812-945-9585

**Kentucky**  
2307 River Road  
Suite 203  
Louisville, KY 40206  
502-583-5994

**Central Indiana**  
1060 N. Capitol Avenue  
Suite E360  
Indianapolis, IN 46204  
317-829-3474

**Southern Indiana**  
124 Bell Ave  
Clarksville, IN 47129  
812-288-6646

**TIMELINE FOR TOWN OF SELLERSBURG (INDIANA)  
SEWAGE WORKS REVENUE BOND ANTICIPATION NOTE, SERIES 2020**

**Anticipated Closing Date: August 31, 2020**

<b><u>DATE*</u></b>	<b><u>ACTION</u></b>	<b><u>STATUS</u></b>
June 8, 2020	Town Council meeting/workshop on BANs and Project	
By June 15, 2020	Baker Tilly provides FBT with parameters for Bond Ordinance  FBT circulates draft timeline and distribution list for issuance of Bonds to working group for review and begins drafting Bond Ordinance	
June 30, 2020	FBT completes preparation of Bond Ordinance and circulates to working group	
July 6, 2020	Obtain SRF signoff on Bond Ordinance	
July 13, 2020	Town Council meeting to adopt Bond Ordinance (all 3 readings and adoption at one meeting)  * Town Council may need to consider Reimbursement Resolution if Town has to use cash on hand for Perry Crossing pumphouse prior to BAN Closing	
July 14, 2020	Forward Notice of Adoption and Purport of Bond Ordinance to the <i>News and Tribune</i>	
July 17, 2020	Notice of Adoption and Purport of Bond Ordinance published in the <i>News and Tribune</i> (begins 20-day objecting period)	
August 6, 2020	20-day objecting period expires	
August 7, 2020	Baker Tilly completes request for bids packet for BANs and circulates request for bids on behalf of Town	
August 18, 2020	Bids received from interested financial institutions; Town selects best bid and notifies financial institution with best bid of its selection	

Week of August 24, 2020	<b>FBT prepares and circulates BAN closing documents</b>	
August 28, 2020	<b>Preclosing on BANs</b>	
August 31, 2020	<b>Closing on BANs</b>	

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Alternative 1 - Rehabilitation of Existing WWTP with Expansion with Oxidation Ditch  
Alternative 1 Cost Summary

Item	Description	Units	Unit Price	Total Cost
1	Influent Piping Modifications			
	Camp Chelan Pump Station (PS)	1	\$50,000.00	\$50,000.00
	Bean Road PS	1	\$50,000.00	\$50,000.00
	Industrial Park	1	\$50,000.00	\$50,000.00
			<b>Subtotal</b>	<b>\$150,000.00</b>
2	Headworks and Flow Splitter			
	Screens	2	\$175,000.00	\$350,000.00
	Screening Washer Compactor	1	\$65,000.00	\$65,000.00
	Screening Screw Conveyor	1	\$8,000.00	\$8,000.00
	Grit Separation System	1	\$360,000.00	\$360,000.00
	Grit Pumps	2	\$18,000.00	\$36,000.00
	Grit Classifier	1	\$65,000.00	\$65,000.00
	Weir Gates	3	\$7,500.00	\$22,500.00
	Slide Gates	8	\$7,500.00	\$60,000.00
	Bar Rack	1	\$1,200.00	\$1,200.00
	Structural	1	\$740,800.00	\$740,800.00
	Equipment Installation Costs	1	\$145,155.00	\$145,155.00
	HVAC	1	\$85,000.00	\$85,000.00
	Building Piping	1	\$15,000.00	\$15,000.00
			<b>Subtotal</b>	<b>\$1,953,655.00</b>
3	Existing Oxidation Ditches			
	75 HP Aerators	2	\$195,000.00	\$390,000.00
	Structural Rehab	2	\$15,000.00	\$30,000.00
	Miscellaneous Equipment Piping	2	\$5,000.00	\$10,000.00
	Equipment Installation Costs	1	\$58,500.00	\$58,500.00
			<b>Subtotal</b>	<b>\$488,500.00</b>
4	New Oxidation Ditches			
	75 HP Aerators	2	\$195,000.00	\$390,000.00
	Anoxic Mixers	4	\$22,000.00	\$88,000.00
	Weirs and Baffles	2	\$25,000.00	\$50,000.00
	Miscellaneous Equipment Piping	2	\$50,000.00	\$100,000.00
	Structure	2	\$1,200,000.00	\$2,400,000.00
	Equipment Installation Costs	1	\$188,400.00	\$188,400.00
			<b>Subtotal</b>	<b>\$3,216,400.00</b>
5	High Rate Treatment Basin			
	Diffusers Replacement	1	\$50,000.00	\$50,000.00
	Blower Renewal and Building	1	\$150,000.00	\$150,000.00
	Equipment Installation Costs	1	\$15,000.00	\$15,000.00
			<b>Subtotal</b>	<b>\$215,000.00</b>

Alternative 1 - Rehabilitation of Existing WWTP with Expansion with Oxidation Ditch  
Alternative 1 Cost Summary

Item	Description	Units	Unit Price	Total Cost
6	Clarifier Flow Splitter Box			
	Weir Gates	3	\$7,500.00	\$22,500.00
	Structural	1	\$90,000.00	\$90,000.00
	Miscellaneous Equipment	1	\$25,000.00	\$25,000.00
	Equipment Installation Costs	1	\$6,750.00	\$6,750.00
			<b>Subtotal</b>	<b>\$144,250.00</b>
7	Existing Clarifier Rehab	1	\$85,000.00	\$85,000.00
			<b>Subtotal</b>	<b>\$85,000.00</b>
8	New Clarifiers			
	Clarifier Equipment	2	\$390,000.00	\$780,000.00
	Weirs and Baffles	2	\$25,000.00	\$50,000.00
	Miscellaneous Equipment Piping	2	\$25,000.00	\$50,000.00
	Structure	2	\$700,000.00	\$1,400,000.00
	Equipment Installation Costs	1	\$132,000.00	\$132,000.00
			<b>Subtotal</b>	<b>\$2,412,000.00</b>
9	Scum/RAS/WAS Pump Stations			
	Scum Structural Rehab	1	\$25,000.00	\$25,000.00
	Scum Pumps	2	\$32,000.00	\$64,000.00
	RAS/WAS Structural Rehab	1	\$25,000.00	\$25,000.00
	RAS/WAS Pumps	3	\$60,000.00	\$180,000.00
	Flow Meter	2	\$18,000.00	\$36,000.00
			<b>Subtotal</b>	<b>\$330,000.00</b>
10	Ultraviolet Disinfection			
	UV Equipment	1	\$280,000.00	\$280,000.00
	Flow Meter	1	\$12,000.00	\$12,000.00
	Cascade Aerator	1	\$75,000.00	\$75,000.00
	Structure	1	\$302,000.00	\$302,000.00
	Equipment Installation Costs	1	\$55,050.00	\$55,050.00
			<b>Subtotal</b>	<b>\$724,050.00</b>
11	Existing Blower Building Rehab			
	Blower Rehabilitation	5	\$7,000.00	\$35,000.00
	Structure Rehab	1	\$10,000.00	\$10,000.00
	HVAC Rehab	1	\$15,000.00	\$15,000.00
			<b>Subtotal</b>	<b>\$60,000.00</b>
12	Convert 55 ft. Clarifiers to Sludge Storage			
	New Diffusers	2	\$25,000.00	\$50,000.00
	Sludge Pump System	2	\$22,000.00	\$44,000.00
	Diffusers Piping	2	\$30,000.00	\$60,000.00
	Existing Equipment Demolition	2	\$10,000.00	\$20,000.00
	Structural Rehabilitation	2	\$25,000.00	\$50,000.00
	Equipment Installation Costs	1	\$23,100.00	\$23,100.00
			<b>Subtotal</b>	<b>\$247,100.00</b>

Alternative 1 - Rehabilitation of Existing WWTP with Expansion with Oxidation Ditch  
Alternative 1 Cost Summary

Item	Description	Units	Unit Price	Total Cost
13	Rehabilitation Existing Sludge Storage			
	New Diffusers	2	\$25,000.00	\$50,000.00
	Decanters	2	\$25,000.00	\$50,000.00
	Diffusers Piping	2	\$15,000.00	\$30,000.00
	Existing Equipment Demolition	2	\$6,000.00	\$12,000.00
	Structural Rehabilitation	2	\$10,000.00	\$20,000.00
	Equipment Installation Costs	1	\$19,500.00	\$19,500.00
	Control Building Rehabilitation	1	\$12,000.00	\$12,000.00
			<b>Subtotal</b>	<b>\$193,500.00</b>
14	New Dewatering Building			
	3DP, 1 Meter Belt Filter Press	2	\$265,000.00	\$530,000.00
	PLC/OIT Control Panel	2	\$30,000.00	\$60,000.00
	Flow Meter	2	\$4,500.00	\$9,000.00
	Wash Water Booster Pump	2	\$3,600.00	\$7,200.00
	Sludge Feed Pump	2	\$28,000.00	\$56,000.00
	Polymer Blending Unit	1	\$28,000.00	\$28,000.00
	Start-up Spare Parts	2	\$12,500.00	\$25,000.00
	Freight & Startup Services	2	\$21,500.00	\$43,000.00
	Conveyors	1	\$110,000.00	\$110,000.00
	Equipment Installation Costs	1	\$148,520.00	\$148,520.00
	Building	1	\$275,000.00	\$275,000.00
	HVAC	1	\$85,000.00	\$85,000.00
			<b>Subtotal</b>	<b>\$1,376,720.00</b>
15	Civil and Site Work			
	Erosion Control	1	\$50,000.00	\$50,000.00
	Grading and Drainage	1	\$200,000.00	\$200,000.00
	Road and Pavements	1	\$200,000.00	\$200,000.00
	Sidewalks	1	\$60,000.00	\$60,000.00
	Plant Water Pump System	1	\$150,000.00	\$150,000.00
	Plant Drain Pump Station	1	\$300,000.00	\$300,000.00
	Admin Building Renovation	1	\$100,000.00	\$100,000.00
	Demolition	1	\$70,000.00	\$70,000.00
	Laboratory Equipment	1	\$70,000.00	\$70,000.00
			<b>Subtotal</b>	<b>\$1,200,000.00</b>
16	Electric and Controls			
	Electrical Building	1	\$66,000.00	\$66,000.00
	Electrical	1	\$1,450,000.00	\$1,450,000.00
	Generators	1	\$200,000.00	\$200,000.00
	Field Instruments and Panels	1	\$210,000.00	\$210,000.00
	Instrumentation and Controls Integration	1	\$200,000.00	\$200,000.00
	SCADA	1	\$170,000.00	\$170,000.00
			<b>Subtotal</b>	<b>\$2,296,000.00</b>
17	Miscellaneous Start up Items			
	Maintenance of Operations	1	\$250,000.00	\$250,000.00
	Record Drawings/O&M Manuals	1	\$50,000.00	\$50,000.00
			<b>Subtotal</b>	<b>\$300,000.00</b>

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Alternative 1 Cost Summary

Item	Description	Units	Unit Price	Total Cost
18	Yard Piping			
	Process Piping	1	\$900,000.00	\$900,000.00
	Plant Drain System	1	\$75,000.00	\$75,000.00
	Plant Water System	1	\$25,000.00	\$25,000.00
	Effluent Outfall Improvements	1	\$530,000.00	\$530,000.00
	Micellaneous Piping and Hose Bibbs	1	\$50,000.00	\$50,000.00
			<b>Subtotal</b>	<b>\$1,580,000.00</b>
19	General Requirements			
	Indemnification	1	\$1,000.00	\$1,000.00
	Bonds & Insurance	1	\$509,165.25	\$509,165.25
	Project Management	24	\$25,000.00	\$600,000.00
	Temporary Facilities	24	\$8,000.00	\$192,000.00
	Temp Utilities and Power	24	\$2,500.00	\$60,000.00
	Construction Staking and Survey	1	\$55,000.00	\$55,000.00
	Material Testing	1	\$75,000.00	\$75,000.00
			<b>Subtotal</b>	<b>\$1,492,165.25</b>
	Mobilization/Demobilization (2.5%)			\$461,609
	Construction Subtotal			\$18,925,949
	Contingency (10%)			\$1,892,595
	<b>Construction Total</b>			<b>\$20,818,544</b>
	Finance (0.5%)			\$104,093
	Legal (0.4%)			\$83,274
	Engineering Planning			\$120,000
	Engineering Design			\$2,000,000
	Construction Engineering			\$900,000
	Engineering Inspection			\$1,250,000
	<b>Non-Construction Cost Total</b>			<b>\$4,457,367</b>
	<b>Total Project Cost</b>			<b>\$25,275,911</b>