





Bullitt County Public Schools

1040 Highway 44 East
Shepherdsville, Kentucky 40165

502-869-8000
Fax 502-543-3608
www.bullittschools.org

MEMO

TO: Jesse Bacon 

FROM: Mark Mitchell 

DATE: January 28, 2019

RE: Board Agenda Item – Approval of the Initial BG-1 Application for the Bernheim Middle School Wastewater Project

Presented for the Board's approval is the initial BG-1 for the Bernheim Middle School wastewater project.

The district leadership team, through consultation with the City of Shepherdsville, Bullitt County Fiscal Court, Bullitt County Health Department and the Division of Water, will contract with Strand Associates to design a wastewater package plant as well as a sewer line connection to determine the most expedient and cost effective means to resolve the wastewater issues at Bernheim Middle School. A design contract will be presented at the February Board meeting for Strand Associates.

I recommend the Board's approval of the initial BG-1 application for the Bernheim Middle School wastewater project.

Attachments: Initial BG-1 Application



BG1 Project Application Form (Initial)

(Ref# 16778)

Form Status: Saved

Project: Bernheim Middle School Wastewater Project
BG Number: 19-207 District: Bullitt County (071)
Status: New Phase: No Data

Construction Delivery Method General Contractor
Procurement Standard Model Procurement
Emergency Yes

Project Type and Description

Applicable Items

New Building	No
Addition	No
Major Renovation	No
GESC	No
Roofing	No
HVAC	No
ADA Compliance	No
Life Safety / Security	No
Minor Project	Yes

Minor Project Description

Project will consist of receiving proposals for two options: 1) 5,000' +/- gravity sewer line installation connecting with the City of Shepherdsville's sewer system and 2) 10,000 gallon wastewater package treatment plant.

New Relocatable Classroom	No
Equipment / Furnishings Procurement	No
Site	No

District Facility Plan (DFP)

Compliance with 702 KAR 4:180 and 702 KAR 4:160

DFP Approval Date	10/1/2014
DFP Priority	
Project Not Listed on DFP	Yes
Project Not Listed on DFP Description	

Project will consist of receiving proposals for two options: 1) 5,000' +/- gravity sewer line installation connecting with the City of Shepherdsville's sewer system and 2) 10,000 gallon wastewater package treatment plant.

Inventory

Facility Name

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BERNHEIM MIDDLE SCHOOL (B10000180)

Scope

Provide a Complete Narrative of the Proposed Project

Project will consist of receiving proposals for two options: 1) 5,000' +/- gravity sewer line installation connecting with the City of Shepherdsville's sewer system and 2) 10,000 gallon wastewater package treatment plant.

Through consultation with the Division of Water and local agencies, the District will select the option that best serves the school to replace the aging wetlands system.

Work Related to Project But Excluded from this BG1 Scope

Financial Plan

Probable Costs

Proposed Plan to Finance Application

Total Construction Cost	\$900,000.00
Construction Contingency	\$45,000.00
Architect / Engineer Fee	\$63,000.00
Construction Manager Fee	\$0.00
Fiscal Agent Fee	\$0.00
Bond Discount	\$0.00
Equipment / Furnishings	\$0.00
Equipment / Computers	\$0.00
Technology Network System (KETS)	\$0.00
Site Acquisition	\$0.00
Site Survey	\$6,000.00
Geotechnical Investigations	\$20,000.00
Special Inspections	\$20,000.00
Commissioning	\$0.00
Advertising	\$1,000.00
Printing	\$500.00

Other Probable Costs

Title	Amount
No Data	
No Data	
No Data	
Total Project Cost	\$1,055,500.00

Funds Available

Bond Sale - SFCC
Bond Requirement - SFCC
Local FSPK Bond Sale
Local General Fund Bond Sale

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Cash - SFCC Requirement
 Cash - Building Fund
 Cash - Capital Outlay \$555,500.00
 Cash - Investment Earnings
 Cash - General Fund \$500,000.00
 City - County - KYTC Reimbursement
 KETS
 Federal Funds
 External Partner Agreement

Residual Funds

BG Number	Fund Source	Amount
No Data	No Data	No Data
Residual Funds Total:		\$0.00

Other Available Funds

Title	Amount
No Data	
No Data	
No Data	
Total Funds Available	\$1,055,500.00

BG1 Signature Page (Online Form Ref# 16778)

The signing of this financial document certifies the above stated funds are available and designated for this project during this fiscal year.

Superintendent

Date

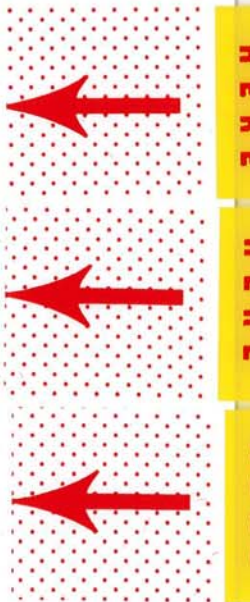
Finance Officer

Date

Chairman

Date

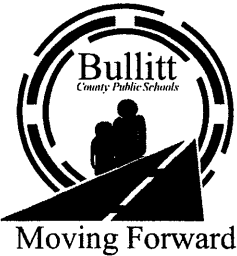
NOTE: Any district anticipating the financing of this and/or other projects in a combined



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school revenue Bond should discuss the financing with the Director/Branch Manager, KDE - District Financial

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Shepherdsville, Kentucky 40165

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Fax 502-543-3608
www.bullittschools.org

MEMO

TO: Jesse Bacon *JB*

FROM: Mark Mitchell *mm*

DATE: August 27, 2018

RE: Board Agenda Item – Emergency Board Order – Sewer Connection for Bernheim Middle School

Presented for Board approval is a request from the Department of Facilities to declare the sewer connection for Bernheim Middle School an emergency in accordance with 702 KAR 4:160 (1) & (2)(a) & (b) utilizing model procurement standards adopted by the Board under KRS 45A.380.

Through consultation with our district leadership team, the Bullitt County Health Department and KDE, the replacement of the wetlands system fits the guidelines for emergency status. The wetland system's lateral, drainage field has failed and is not repairable. While a permanent solution is in the process of being determined, all wastewater is being contained in the holding tanks and pumped on a weekly basis.

In the upcoming days, a meeting will be held with local officials and engineers to determine a viable solution. Once a solution is determined, a cost estimate will be given and an emergency BG-1 will be generated for Board approval and submission to KDE as required. Capital Outlay funds will be utilized to cover the cost of the project.

I recommend the approval of the request to declare the sewer connection for Bernheim Middle School an emergency.

Attachment: 702 KAR 4:160 Capital Construction Process Emergency Procedures

Approved by the
Bullitt County
Board of Education
Date: **AUG 27 2018**

B. Hinton
OK mm

702 KAR 4:160 Capital Construction Process

Emergency Procedures

702 KAR 4:160 notes the following (regulatory language in standard type, **commentary in bold type**);

Section 1. Definitions, Subsection (8) "Emergency" means a situation which creates a threat or impending threat to public health, welfare, or safety that may arise by reason of fires, floods, tornadoes, other natural or man-caused disasters, epidemics, riots, enemy attack, sabotage, theft, explosion, power failure, energy shortages, transportation emergencies, equipment failures, state or federal legislative mandates, or similar unforeseen events, and which results in the loss of use of the physical facilities.

Section 2. Construction Project Application, Subsection (6) If an emergency occurs, impacting an activity for which a BG-1 Form is required:

(a) The superintendent shall:

1. Proceed with corrective actions, as needed:

- **Take all precautions to address the safety of the persons on site. Contact emergency personnel as required.**
- **Contact maintenance personnel to stabilize and/or waterproof the facility. The situation may require that community volunteers be sought and hiring local contractors with the equipment to address the situation be brought to the site.**
 - **Keep records of all volunteer's hours, equipment rented, materials purchased and payments to contractors. These may be able to be reimbursed later.**
- **Contact your insurance carrier.**

2. Notify the department of the emergency and request approval to continue with the plans and corrective action:

- **Contact the Department of Education District Facilities Branch.**
- **Contact your Architect.**

3. Advise the board to declare an emergency in accordance with the district's officially adopted procurement method under KRS 424.260 or 45A.380; and

4. Submit to the department:

- a. BG-1 Form; and
- b. The board order declaring the emergency; and

(b) The department shall process the emergency BG-1 Form request within seven (7) calendar days of receipt



<u>Cost of Construction</u>	<u>Fee</u>
Up to \$25,000	15.50%
\$25,000 to \$50,000	13.40%
\$50,000 to \$75,000	12.30%
\$75,000 to \$100,000	11.30%
\$100,000 and under \$200,000	9.80%
\$200,000 and under \$300,000	8.70%
\$300,000 and under \$400,000	8.40%
\$400,000 and under \$500,000	8.00%
\$500,000 and under \$600,000	7.70%
\$600,000 and under \$700,000	7.50%
\$700,000 and under \$800,000	7.40%
\$800,000 and under \$900,000	7.30%
\$900,000 and under \$1,000,000	7.00%
\$1,000,000 and under \$1,250,000	6.90%
\$1,250,000 and under \$1,500,000	6.80%
\$1,500,000 and under \$1,750,000	6.70%
\$1,750,000 and under \$2,000,000	6.60%
\$2,000,000 and under \$2,250,000	6.50%
\$2,250,000 and under \$2,500,000	6.30%
\$2,500,000 and under \$2,750,000	6.10%
\$2,750,000 and under \$3,000,000	6.00%
\$3,000,000 and under \$4,000,000	5.80%
\$4,000,000 and under \$5,000,000	5.70%
\$5,000,000 and under \$7,500,000	5.65%
\$7,500,000 and under \$10,000,000	5.60%
\$10,000,000 and under \$15,000,000	5.50%
\$15,000,000 and under \$20,000,000	5.45%
\$20,000,000 and under \$25,000,000	5.40%
\$25,000,000 and under \$30,000,000	5.35%
\$30,000,000 and under \$35,000,000	5.30%
\$35,000,000 and under \$40,000,000	5.25%
\$40,000,000 and under \$45,000,000	5.20%
\$45,000,000 and under \$50,000,000	5.15%
\$50,000,000 and under \$55,000,000	5.10%
\$55,000,000 and under \$60,000,000	5.05%
\$60,000,000 and over	5.00%

Renovation: $1.25 \times \text{Fee Percentage}$ (applicable to renovation only)

Repetitive Design: $.75 \times \text{Fee Percentage}$

OK
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TRADEMARK EXCAVATING COMPANY, LLC

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Bardstown, Kentucky 40004
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Phillip (c): 502.827.8584 Tyler(c): 502.460.6901
e-mail: tyler@trademarkexcavating.com
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Bernheim Middle School
Clermont Kentucky
January 9, 2019

ITEM	UNIT	TAKE OFF QUANTITY	UNIT PRICE	EXTENSION
Erosion				
BMP Maintenance	L.S.	1	\$ 2,300.00	\$ 2,300.00
Temporary Construction Entrance	Each	2	\$ 2,300.00	\$ 4,600.00
Stone Bag Ditch Check	Each	4	\$ 280.00	\$ 1,120.00
Headwall Inlet Protection	Each	4	\$ 170.00	\$ 680.00
Silt Fence (Reinforced)	L.F.	1,200	\$ 3.40	\$ 4,080.00
North American Green	S.F.	24,794	\$ 1.00	\$ 24,794.00
Class 2 Channel Lining	S.F.	474	\$ 5.70	\$ 2,702.00
Demo				
Sawcut	L.F.	120	\$ 5.80	\$ 696.00
Tree Demo	L.S.	1	\$ 40,000.00	\$ 40,000.00
Earthwork				
Mobilization	L.S.	1	\$ 6,600.00	\$ 6,600.00
Strip Topsoil	C.Y.	3,224	\$ 2.20	\$ 7,093.00
Replace Topsoil	C.Y.	3,224	\$ 2.20	\$ 7,093.00
Mass Finish Grade	S.Y.	24,794	\$ 1.20	\$ 29,753.00
Final Seeding	S.Y.	24,794	\$ 0.12	\$ 2,976.00
Construction Staking	L.S.	1	\$ 6,600.00	\$ 6,600.00
Site Work Total				\$ 141,087.00
Sanitary Sewer				
#57 Stone	Tons	1,462	\$ 17.00	\$ 24,854.00
Tie Into Existing Main	Each	1	\$ 1,200.00	\$ 1,200.00
Manholes -12 Foot	Each	14	\$ 2,700.00	\$ 37,800.00
Manholes +12	Each	5	\$ 6,200.00	\$ 31,000.00
8" Sdr-35	L.F.	2,098	\$ 19.00	\$ 39,862.00
12" Sdr-35	L.F.	3,846	\$ 31.00	\$ 119,226.00
Testing	L.F.	5,458	\$ 2.00	\$ 10,916.00
Sanitary Sewer Total				\$ 264,858.00
Road Open Cut				
General Conditions	L.S.	1	\$ 1,700.00	\$ 1,700.00
#57 Stone	Tons	140	\$ 17.00	\$ 2,380.00
Asphalt Replacment	Tons	24	\$ 170.00	\$ 4,080.00
Traffic Control	L.S.	1	\$ 2,900.00	\$ 2,900.00
Road Open Cut Total				\$ 11,060.00
Bore				
General Conditons	L.S.	1	\$ 12,000.00	\$ 12,000.00
#57 Stone	Tons	200	\$ 17.00	\$ 3,400.00
Bore Under Creek	L.F.	100	\$ 390.00	\$ 39,000.00
Bore Under 245	L.F.	350	\$ 390.00	\$ 136,500.00
Bore Pit -12 Deep	Each	2	\$ 2,100.00	\$ 4,200.00
Bore Pit +12 Deep	Each	2	\$ 21,000.00	\$ 42,000.00
Load Pipe in Casing	L.F.	450	\$ 28.00	\$ 12,600.00
End Cap	Each	4	\$ 200.00	\$ 800.00
Spacers	Each	45	\$ 79.00	\$ 3,555.00
Bore Total				\$ 254,055.00

*** No Coal Tar Epoxy Interior Coating ***

*** We are anticipating around 1777 C.Y of Solid Rock ***

Add \$200,000.00 if rock is encountered

Project Total \$ 671,060.00

200,000.00
\$ 871,060.00

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