Part II. Competitive Elements

Question 1. Fiscal Accountability

A. Timeline and Source of Staff
For each applicable milestone listed below, fill in the appropriate data.

Milestone	Target Completion Date (month/year)	Source(s) of Staff
Completion of design		
Obtaining required permits		
Landowner contacts		
Bidding		
DNR approvals		
Contract signing		
BMP construction		
Site inspection and certification		
Project evaluation		
Purchase street sweeper		
Other (specify)		

B.1. Financial Budget Table
Provide the following information for the project in the space available, not an attachment. The state share may not exceed 50% of eligible costs. The grant amount is capped at $150,000 for the installation of eligible BMPs and a maximum of $50,000 for property acquisition.

A Project Activity for Which DNR Funding is Requested Construction Components:	B Estimated Total Cost ($)	C Amount C Eligible for DNR Cost Sharing ($)
Removal of Concrete Ditch Bottoms-Along Kind Dr and Pelham Pkwy/ Wabash Pl	69,800.00	69,800.00
Bio-Retention Facility at Ellsworth Park, including culvert replacements and ditch re-grading to direct storm water to proposed BMP	123,000.00	123,000.00
Ditch expansion/re-grading of ditches east of existing Brown Deer Dry Pond	16,250.00	16,250.00
1. Construction Subtotal	209,050.00	209,050.00
2. Design, Construction Management and Inspection	18,000.00	18,000.00
3. Storm Sewer Reroute		
4. Structure Removal		
5. Subtotal: (add rows 1 through 4)	227,050.00	227,050.00
6. Property Acquisition (Fee Title & Easement see attachment F for requirements)		
7. Grand Total: (add rows 5 and 6)	227,050.00	227,050.00

B.1. (continued) Cost Sharing Worksheet

Eligible Costs:	Prorate %	Cost-Share %	

8. Construction and Design (Row 5 * Prorate * Cost-share %)	100 %	50 %	$ 113,525.00
9. Property Acquisition: (Row 6 * Prorate * Cost-share %)	100 %	50 %	$
Cap Test:			
10. Construction and Design (Row 8 or $150,000, whichever is less)			$ 113,525.00
11. Property Acquisition (Row 9 or $50,000, whichever is less)			$
12. Maximum State Share (sum of Rows 10 + 11)			$ 113,525.00
State and Local Share:			
13. Requested State-Share Amount (= Requested Grant Amount)			$
14. Local-Share Amount (Row 7, Column B, less Row 13)]			$ 227,050.00
Local-Share Source(s)			

B. 2. Method used to Calculate Cost Estimates: Check the appropriate box.

- ○ 1. Project costs are based on completed design and competitive bid on the project. Construction components and costs above in B.1. should be detailed. Provide documentation attached to this application.
- ◉ 2. Project costs are based on completed design with materials and labor costs based on similar, recently bid projects. Construction components above in B.1. should be detailed. Provide documentation in this application.
- ○ 3. Project design is not complete; however, the proposed project and costs are based on similar and recent projects and costs. Provide as much construction detail above in B.1. as possible. Provide documentation for this method in this application
- ○ 4. Project design is not complete and the cost estimate is based on an average or a range of projects and costs. Provide as much construction detail above as possible. Provide documentation for this method in this application.
- ○ 5. Project and costs are less specific than choices above. Provide an explanation for cost estimates attached to this application.

C. Cost-Effectiveness. Please provide narrative answers to Parts C.1. and C.2. You are advised to answer Part C.3., though you are not required to do so.

1. Describe the environmental benefits this project will achieve.

The project storm water improvements are within an area that drains directly to the Indian Creek, which is an impaired waterway; adding even more benefit of the proposed projects. Concrete ditch bottoms provide an impermeable surface that allows pollutants to travel directly into Indian Creek. Removing the concrete will promote infiltration and allow water to filter through the grass to remove TSS and other pollutants. Also proposed is a bio-retention facility at Ellsworth Park. This BMP will filter storm water through engineered soil to remove TSS and other pollutants. Bio-retention facilities are very effective at removing TSS and other pollutants. The proposed improvements also include ditch re-grading along the east side of the existing Brown Deer dry pond. This ditch line has several low points where water pools up causing vegetation in the ditch bottom to die and exposing bare soils. During storm events, a significant volume of this soil is washed down stream into Indian Creek. Some minor ditch re-grading will eliminate high/low points, which will prevent water from pooling up in the ditch and killing vegetation, ultimately drastically reducing the volume of sediment being washed into Indian Creek from this ditch line.

2. Describe why the proposed management measures are reasonable means to attain the project benefits based upon such factors as cost, effectiveness, site feasibility, available technical standards, and practicality.

Removing concrete from ditch bottoms, installing a bio-retention facility, and ditch re-grading are all effective means to reduce TSS and other pollutants. The bio-retention facility is design according to DNR technical standards. These proposed improvements would vastly improve storm water quality in an area that drains directly to Indian Creek.