



FAIRFAX COUNTY PARK AUTHORITY



M E M O R A N D U M

TO: Chairman and Members
Park Authority Board

VIA: Kirk W. Kincannon, Executive Director

FROM: Todd Brown, Director
Park Operations Division

DATE: June 22, 2018

Agenda

Park Operations Committee
Wednesday, June 27, 2018 – 5:30 p.m.
Boardroom – Herrity Building
Chairman: Linwood Gorham
Vice Chair: Michael Thompson
Members: Kiel Stone, Timothy Hackman, Faisal Khan

1. Frying Pan Farm Park – Mastenbrook Volunteer Matching Fund Grant Program Request – Friends of Frying Pan Park – Action*
2. Marie Butler Leven Preserve – Mastenbrook Volunteer Matching Fund Grant Program Request – Earth Sangha – Action*
3. Poplar Tree Park – Mastenbrook Volunteer Matching Fund Grant Program Request – Chantilly Youth Association – Action*

Note: These items are going to the board for approval on June 27.

*Enclosures



If accommodations and/or alternative formats are needed, please call (703) 324-8563. TTY (703) 803-3354

Board Agenda Item
June 27, 2018

ACTION

Frying Pan Farm Park – Mastenbrook Volunteer Matching Fund Grant Program Request – Friends of Frying Pan Park (Hunter Mill District)

ISSUE:

Approval of a Mastenbrook Volunteer Matching Fund Grant Program request from Friends of Frying Pan Park in the amount of \$4,507.50 to purchase equestrian jumps for Frying Pan Farm Park.

RECOMMENDATION:

The Park Authority Executive Director recommends approval of the Mastenbrook Volunteer Matching Fund Grant Program request from Friends of Frying Pan Park in the amount of \$4,507.50 to purchase equestrian jumps for Frying Pan Farm Park.

TIMING:

Board action is requested on June 27, 2018, in order to award the grant.

BACKGROUND:

Friends of Frying Pan Park (FFPP) are proposing to purchase equestrian jumps and poles for the indoor equestrian arena at Frying Pan Farm Park (Attachment 1). The new jumps and poles will replace existing ones that are very old, heavy, and larger than what is needed for the types of uses that occur. The new jumps will be easier for staff and users to move around, which will address concerns expressed by users about the difficulty in moving the existing jumps. Staff feels the new jumps will address those concerns and increase usage of arena.

FFPP is requesting \$4,507.50 from the Mastenbrook Volunteer Matching Fund Grants Program to help fund the purchase (Attachment 2). If approved, the \$4,507.50 from the Mastenbrook Volunteer Matching Fund Grants Program, along with a \$4,507.50 contribution from the FFPP, will provide the funds sufficient to complete the project. The total project budget is \$9,015.

FFPP was established over 60 years ago to support operation of the farm. It is a significant benefactor of Frying Pan Farm Park over the years that has supported numerous specialized projects and have given tremendous financial support to the farm and programs over the years.

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The Park Authority Board Member for the Hunter Mill District supports approval of the Grant request. Staff from Frying Pan Farm Park will manage the purchase, which is scheduled to be made in the summer of 2018. Matching funds are available to complete this project.

FISCAL IMPACT:

The estimated total project cost is \$9,015. Funds are currently available in the amount of \$4,507.50 in WBS PR-000078, Park Renovations and Upgrades - 2016, in Fund 300-C30040, Park Bond Construction Fund; and \$4,507.50 from FFPP, resulting in the total available funding of \$9,015. Operational expenses for the equestrian jumps will be managed using existing resources.

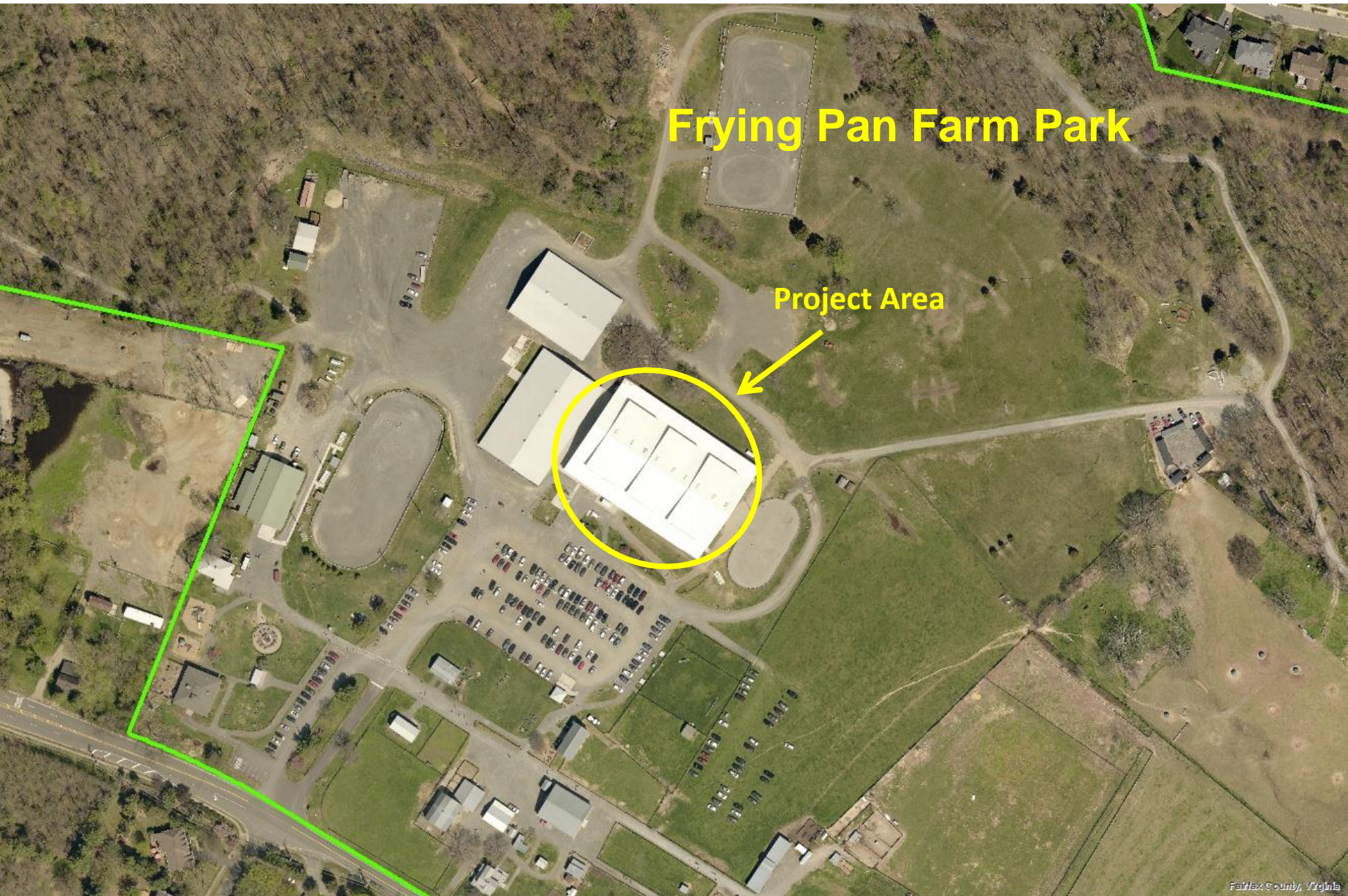
Contingent on the approval of this project, the remaining balance in the Mastenbrook Volunteer Matching Fund Grant Program will be \$264,252.19.

ENCLOSED DOCUMENTS:

Attachment 1: Aerial Showing Grant Project Area at Frying Pan Farm Park
Attachment 2: Mastenbrook Volunteer Matching Fund Grant Program Request –
Friends of Frying Pan Park

STAFF:

Kirk W. Kincannon, Executive Director
Sara Baldwin, Deputy Director/COO
Aimee L. Vosper, Deputy Director/CBD
Todd Brown, Director, Park Operations Division
Cindy Walsh, Director, Resource Management Division
Dan Sutherland, Manager, Park Management Branch, Park Operations Division
Janet Burns, Senior Fiscal Manager
Michael P. Baird, Manager, Capital and Fiscal Services



Frying Pan Farm Park

Project Area



Mastenbrook Volunteer Matching Fund Grants Program Application Form

PLEASE PRINT. Please provide all information requested. You may attach additional sheets and/or materials to support your request.

1. Grantee Information

Name of Individual or Organization: Friends of Frying Pan Park

Contact Person: Jack Pitzer

Mailing Address: 2709 West Ox Road, Herndon, Va 20171

Phone: () 703-627-9424

Fax: ()

2. Project

Title: Indoor Equestrian Jumps

3. Funding Requested

Amount \$ \$5,000

(Applicant may request up to a maximum of \$20,000 per project. Limited to one Project per fiscal year.)

4. Project Description

Provide a description of your project. (Attach drawings or specification of *materials*/proposed for purchase. If *educational materials* are proposed, provide a mock up or example of how the product will look, how it will be posted or distributed, and an example of the content. Provide a detailed map and other visual materials, site plan, drawings, photos, cross sections or a mock up of your project and what the finished product will look like.) Provide as much detail as you can to help evaluators clearly understand your project.

Purchase of a set of new equestrian jump standards and poles for use at Frying Pan Farm Park. See attachment for pictures of the equipment.

5. Public Benefits

Explain why your project is important and why it is needed? Who are the intended users? How will the public benefit? How many and what different types of users do you expect? How does this project provide new recreational opportunities for the intended users? Does your project solve a problem or provide important missing services? If your project provides for people with disabilities, in what way?

The existing jump standards and poles at Frying Pan Farm Park are very old, heavy and larger than is needed for the size of the riding rings and the type of competitions held at the park. The new equipment will be lighter and easier and safer for the staff and users to move around. The standards will be much narrower than the existing standards. This will leave more open space in the ring during competitions making the events safer and more comfortable for the riders. The intended users would be drop in riders, rental customers and equestrian event competitors. The new equipment may also help increase rental business and revenue for the facility. The public equestrian users will benefit by having safer, new, high quality jump equipment to use at the park.

6. Sponsor Commitment

What experience do you or the organization have in accomplishing similar projects? Who will be responsible for organizing and assigning the work to insure successful project completion? You will need to document all project expenditures. What is your plan for documenting the work (photographs, video, written documentation, etc.)? What is your plan, if any, for long-term maintenance of your project after it is completed?

The Friends of Frying Pan Farm Park has the funds committed to purchase the equipment. The intent is that the equipment becomes the property of Frying Pan Farm Park and the Fairfax County Park Authority. Jumps will need very little maintenance.

7. Proposed Budget

You will need to provide a detailed and complete budget. Provide enough detail for evaluators to understand exactly what grant funds will be used for, how you arrived at the prices for services, labor, materials, equipment, etc., and the same level of detail about the amount and source of matching funds.

See attached invoice for costs including delivery. The grant funds will be used to pay for half of the cost of purchasing the equipment. The purchase of the equipment is the project.

The Park Authority prefers to reimburse grantees after the work is completed. Please check one of the following:

- We understand payment by the Park Authority will occur after we complete the project.
- We must have Park Authority grant funds prior to beginning the project.



 Signature

5-23-18
 Date

Old Dominion Jump Company Inc.



12617 Lee Highway
 Washington, VA 22747
 540.987.8412

Invoice

Date	Invoice #
4/10/2018	53421

Bill To
Frying Pan Park 2709 West Ox Road Herndon, VA 20171

Ship To

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Description	Qty	Rate	Amount
4' x 1.5' wide and 2 1/4" Deep Column style jump (Faux Brick) (pairs)	2	500.00	1,000.00
4' x 1.5' wide and 2 1/4" Deep Column style jump (Faux Stone) (pairs)	2	525.00	1,050.00
4' x 2 1/4" wide x 2 1/4" Deep Wishing Well style jump (Faux Brick) (pairs)	1	650.00	650.00
4' x 2 1/4" wide x 2 1/4" Deep Wishing Well style jump (Faux Stone) (pairs)	1	625.00	625.00
4' x 2 1/4" wide x 2 1/4" Deep Lattice Top with (Faux Brick) lower panel (pairs)	2	285.00	570.00
4' x 2 1/4" wide x 2 1/4" Deep Lattice Top with (Faux Stone) lower panel (pairs)	1	285.00	285.00
10' Wall (pairs) with slanted top 18" height x 1.5' deep Faux Stone Turf Top	2	475.00	950.00
10' Wall (pairs) with slanted top 18" height x 1.5' deep Faux Brick Turf Top	2	475.00	950.00
Natural Style Wood Box Wall 18" height x 1.5' deep Stained Rough Sawn Slabs (pairs)	1	475.00	475.00
Natural Style Wood Box Narrow Wall 18" height x 1.5' deep Stained Rough Sawn Slabs (pairs)	1	450.00	450.00
5' Schooling Standards Unpainted (pair) with Pressure treated legs (10% off sale price)	10	99.00	990.00

<p>****PLEASE REVIEW CAREFULLY****</p> <p>To avoid additional charges, be sure that all information contained on this document is correct including billing and shipping addresses. Thank you for your business.</p>	Sales Tax (5.3%)
	Total
	Payments/Credits
	Balance Due

Old Dominion Jump Company Inc.



12617 Lee Highway
 Washington, VA 22747
 540.987.8412

Invoice

Date	Invoice #
4/10/2018	53421

Bill To
Frying Pan Park 2709 West Ox Road Herndon, VA 20171

Ship To

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Description	Qty	Rate	Amount
10' Pole Unpainted	20	26.00	520.00
Delivery/Shipping *** rates good for 10 days from the date of invoice*** Flowers not included unless requested All items included as pairs and built per pdf images submitted. Stone, brick and birch detail will vary in style from pictures on pdf. Please visit website our website to see examples of our stone, brick and birch details. www.odjumps.com Turn Around Time about 4 to 6 Weeks.	1	500.00	500.00

*****PLEASE REVIEW CAREFULLY***** To avoid additional charges, be sure that all information contained on this document is correct including billing and shipping addresses. Thank you for your business.	Sales Tax (5.3%)	\$0.00
	Total	\$9,015.00
	Payments/Credits	\$0.00
	Balance Due	\$9,015.00



4' Height ~ 1.5' Wide X 2 ¼' Deep



4' Height ~ 2 ¼' Wide X 2 ¼' Deep





4' Height ~ 2 ¼ ' Wide X 2 ¼ ' Deep



Faux brick and faux stone to fit under 10' rails 18" height x 1.5' deep



to fit under 10' rails
18" height x 1.5' deep



Board Agenda Item
June 27, 2018

ACTION

Marie Butler Leven Preserve – Mastenbrook Volunteer Matching Fund Grant Program Request – Earth Sangha (Dranesville District)

ISSUE:

Approval of a Mastenbrook Volunteer Matching Fund Grant Program request from Earth Sangha in the amount of \$9,962 for meadow restoration at Marie Butler Leven Preserve.

RECOMMENDATION:

The Park Authority Executive Director recommends approval of the Mastenbrook Volunteer Matching Fund Grant Program request from Earth Sangha in the amount of \$9,962 for meadow restoration at Marie Butler Leven Preserve.

TIMING:

Board action is requested on June 27, 2018, in order to award the grant.

BACKGROUND:

Earth Sangha (ES) is proposing to undertake a meadow restoration project at Marie Butler Leven Preserve (Attachment 1). The large 1.25-acre meadow area at the park is dominated by invasive grasses. In 2013, ES restored approximately 0.1 acres of the meadow by removing invasive grasses and establishing it with native grasses. They are now proposing to restore the remaining 1.15 acres of meadow with volunteers, using plants they have grown in their nursery and hand gathered native grass seed. The proposed restoration is consistent with the Master Plan for the site, and is supported by Natural Resources Management staff.

ES is requesting \$9,962 from the Mastenbrook Volunteer Matching Fund Grants Program to help fund the expense of the native seed, a portion of the plants needed for the project, and to hire a contractor to treat the invasive grasses (Attachment 2). If approved, the \$9,962 from the Mastenbrook Volunteer Matching Fund Grants Program, along with a \$28,889.38 contribution from the ES in the form of in-kind services and a contribution of plants from their nursery, will provide the funds sufficient to complete the project. The total project budget is \$38,851.38.

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ES has partnered with the Park Authority and other local agencies for almost two decades. They have participated with restoration projects within parks, and donated thousands of plants to the Park Authority's IMA Program and other projects.

The Park Authority Board Member for the Dranesville District supports approval of the Grant request. Staff from Park Operations and Resource Management Divisions will oversee the project, which is scheduled to be completed in the fall of 2018. Matching funds are available to complete this project.

FISCAL IMPACT:

The estimated total project cost is \$38,851.38. Funds are currently available in the amount of \$9,962 in WBS PR-000078, Park Renovations and Upgrades - 2016, in Fund 300-C30040, Park Bond Construction Fund; and \$28,889.38 from ES, resulting in the total available funding of \$38,851.38. Operational expenses for maintaining the meadow will be shared between ES and existing Park Operations Division resources.

Contingent on the approval of this project, the remaining balance in the Mastenbrook Volunteer Matching Fund Grant Program will be \$254,290.19.

ENCLOSED DOCUMENTS:

Attachment 1: Aerial Showing Grant Project Area at Marie Butler Leven Preserve

Attachment 2: Mastenbrook Volunteer Matching Fund Grant Program Request – Earth Sangha

STAFF:

Kirk W. Kincannon, Executive Director

Sara Baldwin, Deputy Director/COO

Aimee L. Vosper, Deputy Director/CBD

Todd Brown, Director, Park Operations Division

Cindy Walsh, Director, Resource Management Division

Dan Sutherland, Manager, Park Management Branch, Park Operations Division

Janet Burns, Senior Fiscal Manager

Michael P. Baird, Manager, Capital and Fiscal Services

Marie Butler Leven Preserve

Project Area





Mastenbrook Volunteer Matching Fund Grants Program Application Form

PLEASE PRINT. Please provide all information requested. You may attach additional sheets and/or materials to support your request.

1. Grantee Information

Name of Individual or Organization: EARTH SANGHA

Contact Person: KATHERINE ISAACSON

Mailing Address: 10123 Commonwealth Blvd.

Phone: (703) 764-4830

Fax: (703) 562-8388

2. Project

Title: Meadows Restoration at Marie Butler Leven Preserve

3. Funding Requested

Amount \$ 9,962

(Applicant may request up to a maximum of \$10,000 per project. Limited to one Project per fiscal year.)

4. Project Description

Provide a description of your project. (Attach drawings or specification of *materials*/proposed for purchase. If *educational materials* are proposed, provide a mock up or example of how the product will look, how it will be posted or distributed, and an example of the content. Provide a detailed map and other visual materials, site plan, drawings, photos, cross sections or a mock up of your project and what the finished product will look like.) Provide as much detail as you can to help evaluators clearly understand your project.

See Attachment 1.

5. Public Benefits

Explain why your project is important and why it is needed? Who are the intended users? How will the public benefit? How many and what different types of users do you expect? How does this project provide new recreational opportunities for the intended users? Does your project solve a problem or provide important missing services? If your project provides for people with disabilities, in what way?

See Attachment 1.

6. Sponsor Commitment

What experience do you or the organization have in accomplishing similar projects? Who will be responsible for organizing and assigning the work to insure successful project completion? You will need to document all project expenditures. What is your plan for documenting the work (photographs, video, written documentation, etc.)? What is your plan, if any, for long-term maintenance of your project after it is completed?

See Attachment 1.

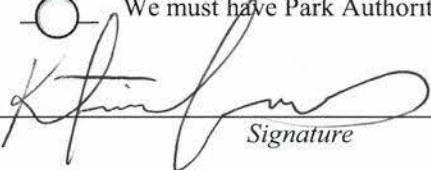
7. Proposed Budget

You will need to provide a detailed and complete budget. Provide enough detail for evaluators to understand exactly what grant funds will be used for, how you arrived at the prices for services, labor, materials, equipment, etc., and the same level of detail about the amount and source of matching funds.

See Attachment 1.

The Park Authority prefers to reimburse grantees after the work is completed. Please check one of the following:

- We understand payment by the Park Authority will occur after we complete the project.
- We must have Park Authority grant funds prior to beginning the project.



Signature

2/26/2018

Date

Earth Sangha Mastenbrook Application Attachment 1: Responses for Sections 4, 5, 6, and 7

I. Project Description:

The Earth Sangha seeks the Mastenbrook Grant Program's support to restore the unmowed "meadow" area of the Marie Butler Leven Preserve (MBLP) to a diverse, native meadow with paths. Currently, the Preserve's meadow is dominated by invasive grasses. Its restoration would dramatically improve the ecological health of the Preserve, and would serve as a significant aesthetic and educational feature in the most visible and accessible portion of the Preserve. The Marie Butler Leven Preserve is a 20 acre park in McLean, bequeathed to the Fairfax County Park Authority (FCPA) by Maurice and Marie Leven with the express purpose that the property "be used, in its entirety, exclusively as an arboretum and nature preserve," and that the Preserve "be operated for the benefit of the general public as an educational and demonstration project... where nature classes from neighboring schools may learn about plant and animal life in a natural habitat and where scientific and esthetic use of plants and trees may be observed by interested persons." (See attached will.)

In 2013, the Earth Sangha restored a roughly 0.10 acre portion of the unmowed area as a native meadow, with help from FCPA and a local boy scout troop, using only seeds and plants supplied by Earth Sangha. This section is now a diverse natural meadow with local ecotype native grasses (*Elymus glaberrimus*, *E. hystrix*, *Schizachyrium scoparium*, *Sorghastrum nutans* are the primary components) and wildflowers (*Solidago* spp. *Eupatorium* spp. *Cirsium discolor*, *Pycnanthemum tenuifolium*) well-established. The rest of the acre is unrestored and is dominated by non-native turf-forming grasses, primarily perennial rye (*Lolium perenne*) and tall fescue (*Festuca arundinacea*), that have prevented native vegetation from naturally establishing.

The meadow restoration would begin, in mid-summer, with treatment of invasive species by Invasive Plant Control, Inc. (IPC). IPC, under direction from FCPA Natural Resources and Earth Sangha, have successfully treated invasive plant infestations elsewhere in the Preserve. We need to control invasive turf forming grasses prior to any replanting efforts. Turf is not a natural formation for native meadows. It crowds out native grasses and wildflowers and inhibits the formation of stable meadow communities. Using a chemical control regimen is a safe and cost-effective method of managing the removal. The scale of the restoration is too large to depend on volunteer-lead manual removal, and mechanized means, e.g. tilling, require expensive equipment and soil disturbance that can encourage the growth of other invasive plants. Once the initial invasives treatment is complete, we will begin a volunteer-based replanting effort.

For this project, we will supply over 5,000 container-grown local ecotype native plants and 15 pounds of native seed. All stock will come from our Wild Plant Nursery, which grows exclusively local ecotype native plants. All of our seed is hand-collected, with permission, from local, wild areas.

Our volunteer workdays will begin with an educational introduction of the work on the site, how invasives damage our local ecosystems and how our restoration efforts will improve the habitat in the Preserve. In late summer, we will hand-broadcast seed of native species (see appendix for our plant list). (We have used volunteers to broadcast seed before at restoration sites, and have found that having volunteers walk over the seed helps work it into the soil and improves germination success.) In early fall, we will plant grass plugs, followed by pots and plugs of wildflowers. This order of planting helps ensure that the most robust species go in first, and minimizes damage to the more sensitive plants by inadvertent trampling by volunteers. Throughout the summer and

fall, Earth Sangha staff will monitor and evaluate the planting. Additional manual control of invasive species as well as supplementary plantings will be conducted as needed with volunteers.

We will recruit volunteers by drawing on our own broad volunteer network, as well as engaging the Fairfax Master Naturalists, Fairfax Master Gardeners, Arlington Regional Master Naturalists, Volunteer Fairfax, local community associations, and Marshall High School Key Club and other local school groups.

After the initial season of invasives control and native planting, the Earth Sangha is committed to maintaining the native meadow beyond the grant period through manual invasive plant control and additional plantings on an ongoing basis.

In addition to the activities listed above, we have spoken with the Area 1 Park Operations staff and have agreed to maintain, with our staff and equipment, two mowed paths in the meadow to allow visitors to better see the diversity in the restored meadow. Two Earth Sangha staff members resides at and maintain the MBLP house and will maintain the mowed paths (See Sponsor Commitment below).

5. Public Benefits

Meadows are among the most diverse plant communities in our region, but they are also among the most threatened. High quality native meadow habitat is scarce in our region, broadly speaking, and in the McLean area specifically. Many areas that have the potential to be high quality meadow are inundated with invasive plants. As invasive species are left to dominate, the native plant biodiversity declines precipitously. These low-diversity invasives-dominated stands provide little meaningful food or habitat to wildlife. The end result is an area with greatly reduced abundance and diversity of both native flora and fauna.

The restoration of the meadow will create an type of high-quality habitat that is currently underrepresented in the region, and create an aesthetic and educational feature at Marie Butler Leven Preserve as intended in the Levens' will.

We generally incorporate educational walks through the Preserve as part of our volunteer events to relate the hands-on restoration work to the relationships between native-plant communities. Usually these walks take place in the forested section of the Preserve since only a small portion of the meadow is restored, and comfortably entering the meadow is difficult without any mowed paths traversing it. By restoring the meadow and adding in the two paths, students, volunteers, and park users will better be able to understand the ecological value of native meadows and the native wildlife they support.

Aesthetically, the currently limited native vegetation in the meadow is already an attraction to the Preserve, with visitors painting, taking photos, or simply enjoying the late-summer bloom periods (dominated by the yellow-flowered *Bidens aristosa*). A restored meadow would provide a longer blooming period and a more varied vista in terms of both color and structure. We expect increased value to Preserve users as the meadow restoration takes hold. People will be able to enjoy not only the more varied vegetation, but also appreciate the charismatic wildlife that will find usable habitat in the native meadow— from goldfinches and purple martins to monarch and swallowtail butterflies and the many other pollinators we expect to find. The additional trails will increase the recreation value for visitors interested in nature walks, bird-watching, running, dog-walking, and biking.

The Preserve sees many visitors, from the surrounding communities, who come to walk the trails, run, or bicycle around. Through the Earth Sangha's volunteer network, it also draws interest from local nature groups like the Virginia Native Plant Society-Potowmack Chapter, the Washington Area Butterfly Club, and Virginia Master Naturalists, school groups from Marshall High School, Edison High School, George Mason University, Georgetown University and the YMCA, and religious groups from SEWA International, Church of the Pilgrims, and St. Matthew's UMC. In 2017, our MBLP volunteer workdays were attended by 378 volunteers (we hosted 53 volunteer MBLP workdays). Most of these volunteers were local students. We also led two educational nature walks at the Preserve, attended by about 65 people.

6. Sponsor Commitment

The Earth Sangha has a long history of successful collaboration on restoration projects with Fairfax County Park Authority and other local agencies.

Since 2001, the Earth Sangha has operated the Wild Plant Nursery, the region's largest local-ecotype native plant propagation effort in partnership with FCPA. The nursery is located in Franconia Park in Springfield. Since 2015, the nursery has been using an FCPA owned greenhouse in the Flatlick Park Operations facility. The Earth Sangha donates thousands of plants every year to the Park Authority, other government agencies, schools, and other local conservation nonprofits for ecological restoration.

The Earth Sangha has had a Memorandum of Understanding (MOU) with FCPA, since 2004. It specifies that the Earth Sangha adopted the Native Arboretum at Marie Butler Leven Preserve "for the purpose of establishing an extensive educational collection of native woodland and meadow plants." Under this MOU, the Earth Sangha works with FCPA staff, other partnering organizations, and hundreds of volunteers to remove invasive plants and install and foster native plant species in order to restore ecosystems functions and provide an aesthetically and educationally rich environment for the residents of Fairfax County. We see this Mastenbrook Grant as an extension of the work outlined in the MOU.

Beginning in 2016, the Earth Sangha undertook a successful renovation of the house at Marie Butler Leven Preserve to maintain the property as a private residence per the Leven will. Matthew Bright, the Earth Sangha's Conservation Manager, and Katherine Isaacson, the Development & Outreach Coordinator, reside at and maintain the MBLP house. Matt Bright will oversee the meadow restoration project. The unique proximity to this project will allow the Earth Sangha to have close oversight over the restoration work and any subsequent maintenance efforts. All the necessary tools and equipment are already on site.

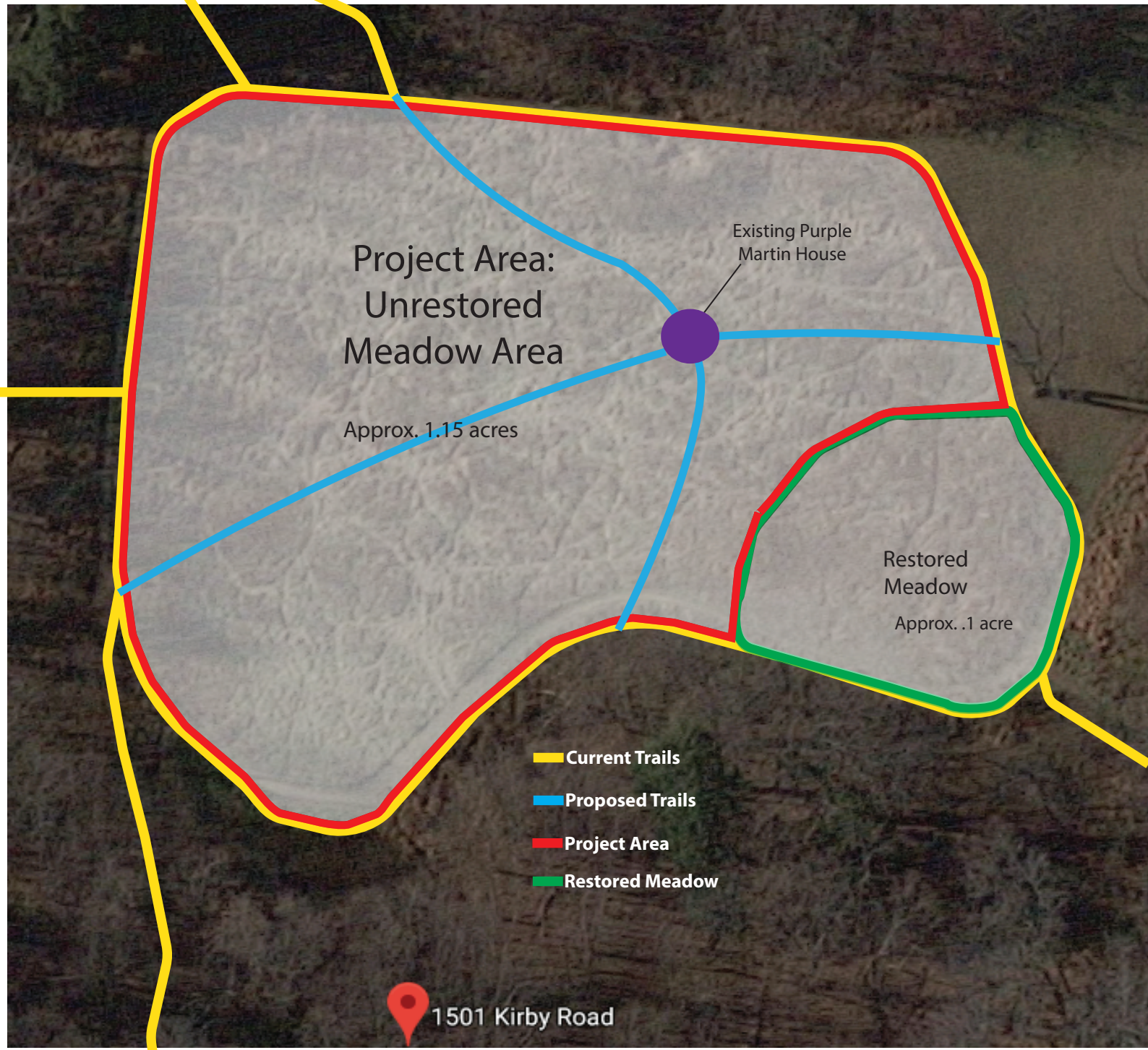
Using volunteer sign-in sheets, plant lists, and photographs we will document the work on the meadow and record the number of volunteers who attend. We already have a number of photos of the unrestored meadow area that can be used as comparison photos once the meadow restoration is completed. The Earth Sangha will provide a list of all seed and plants supplied from our Wild Plant Nursery to the Natural Resources Protection Branch for their approval.

Ongoing maintenance of the planting will be handled by Earth Sangha staff and volunteers. As part of our work at the Preserve under our MOU, we hold regularly scheduled volunteer events for invasives removal and native species replanting work. Any subsequent planting events will use local ecotype native stock from our Wild Plant Nursery and be donated to FCPA. In 2017, Earth Sangha volunteers donated 967 hours to the Preserve and planted over 1,650 native plants donated from our nursery.

ITEM V: I give and bequeath the sum of One Thousand Dollars (\$1,000.00) unto the PROTESTANT EPISCOPAL CATHEDRAL FOUNDATION OF THE DISTRICT OF COLUMBIA, a body corporate, Mount Saint Alban, Washington, D. C., to be used for the reclamation and landscape development of the ravine forming a part of the woodland back of the George Washington Monument on the Cathedral grounds, substantially in accordance with the plans therefor which I have discussed with Dr. Allan E. Walker, Jr.

ITEM VI: I give and bequeath the sum of One Thousand Dollars (\$1,000.00) unto the COSMOS CLUB, at page 6 } present located at No. 2121 Massachusetts Avenue, Northwest, Washington, D. C., to be added to its endowment fund.

ITEM VII: If I shall still own at my death my property in Fairfax County, Virginia, known as "Anoria", in which I now reside, and if no part thereof shall have been taken for public roads or other public purposes between the execution of this will and my death, but not otherwise, I give and devise the same, together with all improvements thereon and appurtenances thereto pertaining, in fee simple, unto the said FAIRFAX COUNTY PARK AUTHORITY; upon the express condition, however, that my said property be used, in its entirety, exclusively as an arboretum and nature preserve, that it be known as the "MARIE BUTLER LEVEN PRESERVE", and that it be operated for the benefit of the general public as an educational and demonstration project substantially in accordance with the following directions and instructions, namely, that no part thereof be used as a park in the usual sense, nor as a playground of any sort; that no public parking areas be established thereon and that it not be traversed by public roads: that public access to the various areas and sections thereof be confined to unobtrusive foot paths; that it be maintained to fill a need for an open unspoiled but properly maintained space in a populated area where nature classes from neighboring schools may learn about plant and animal life in a natural habitat and where scientific and esthetic use of plants and trees may be observed by interested persons; that the house and grounds be maintained in a good condition and that the present program of planting be continued with a view to conserving properly cared for groves and open spaces shielded from the road by natural borders of woodland; and that additional varieties of trees and shrubs be extended into the undeveloped areas with due consideration to the natural landscape effect as well as to the utility of these plants as arboretum specimens.



7. Proposed Budget

Item	Sources of funding	
	Funding Request	Earth Sangha Match
1. Staff Time*		
1.1 Project Coordination & Site Assessment: 40 hrs		\$3,818.40
1.2 Volunteer Outreach: 15 hrs		\$1,431.90
1.3 Reporting & Project Assessment: 15 hrs		\$2,863.80
1.4 Planting event logistics & supervision: 48 hrs		\$4,582.08
1.6 Community Outreach & Education: 20 hrs		\$1,909.20
2. Volunteer time: 400 hours*		\$10,784.00
3. Local eco-type plants and seeds		
3.1 Plants* 5,000:	\$6,500.00	\$3,500.00
3.2 Seeds* 15lbs:	\$1,500.00	
4. Event Supplies		
4.2 Snacks & water for volunteers		\$120.00
5. Invasive Plant Control	\$1,962.00	
Totals:	\$9,962.00	\$29,009.38

Notes:

1. Staff Time: We value our staff time at \$95.46 per hour, which is the rate that we charge for consultations, site visits, and speaking engagements.
2. Volunteer time: we value volunteer effort at \$26.96 per hour, which is the current (2016) value for Virginia, as recognized by the Virginia Department of Social Services.
3. Plants: 5,000 plants (or plantable bunches, in the case of herbaceous species) at the average cost of \$2 per plant. A wide range of species will be planted (see attached species list). All stock will come from our Wild Plant Nursery, which grows exclusively local ecotype native plants.
4. Seeds: All of our seed is hand-collected, with permission, from local, wild sources. Because the seed usually weighs so little, 15 pounds of seed should produce many thousands of propagules. Our seed costs \$100 per pound (this is the rate paid to us by the National Park Service), and includes collection, cleaning, and distributing costs.

Marie Butler Leven Preserve Meadow Restoration Proposed Species List

Grass Species

Andropogon virginicus (Broomsedge bluestem)
Elymus glabriflorus (Southern Rye)
Eragrostis spectabilis (Purple Lovegrass)
Schizachyrium scoparium (Little Bluestem)
Sorghastrum nutans (Indian Grass)
Tridens flavus (Purpletop Grass)

Forb (Wildflower) Species

Asclepias syriaca (Common Milkweed)
Asclepias tuberosa (Butterflyweed)
Doellingeria umbellata (Flat-topped White Aster)
Eupatorium rotundifolium (Roundleaf Thoroughwort)
Euthamia graminifolia (Narrow-leaved Goldenrod)
Liatris pilosa (Grass-leaved Blazing Star)
Pycnanthemum tenuifolium (Narrow-leaved Mountain-Mint)
Rudbeckia hirta (Black-eyed Susan)
Solidago juncea (Early Goldenrod)
Solidago nemoralis (Gray Goldenrod)
Vernonia glauca (Broadleaf Ironweed)

Wild Plant Nursery

A project of the Earth Sangha

Project: Marie Butler Leven Preserve
1501 Kirby Road
McLean, VA 22101

Description	Quantity	Cost	Total
Local-ecotype native plants (herbaceous)	5000	\$2.00	\$10,000.00
Local-ecotype native seed	15 lbs	\$100.00	\$1,500.00
			\$0.00
		Subtotal:	\$11,500.00
		Delivery fee:	N/A
		Tax:	N/A
		Grand Total:	\$11,500.00

Comments: Quote for proposed Marie Butler Leven Preserve meadow restoration. Herbaceous plants quoted at \$2/pot discounted from \$10/pot regular pricing. Our seed costs \$100 per pound (this is the rate paid to us by the National Park Service), and includes collection, cleaning, and distributing costs.

Please call the office at **703.764.4830** with any questions.

Thank you for your business!

Selected by the Catalogue for Philanthropy as "one of the best small charities in the Washington, DC, region."



Earth Sangha www.earthsangha.org 703.764-4830
10123 Commonwealth Blvd., Fairfax, VA 22032
info@earthsangha.org



ESTIMATE

June 15, 2018

Matt Bright
Earth Sangha
mbright@earthssngha.org
(703) 764-4830

Joe Kolar
Crew Leader
P.O. Box 50556
Nashville, TN 37205
Joekolar.ipc@gmail.com
(919) 996-9340

Re: INVASIVE TREATMENT at Marie Butler Leven Preserve (Spring 18)

Invasive Plant Species Targeted for treatment

Including but not limited to:

- Tall fescue
- Orchard grass
- Timothy grass
- Perennial rye

Treatment Recommendations/Assumptions

Recommendations are based on a single treatment in a single year

- IPC crew will apply a solution of 2% Rodeo to invasive grasses in the unrestored portion of the meadow.

COST SHEET

Position/Chemical	\$/Day, Hour, Gallon	Units	Total
Crew Leader	\$90.00	12 hours	\$1,080.00
Crew Tech	\$66.00	12 hours	\$792.00
Rodeo	\$30.00	3 gallon	\$90.00
Total Cost			\$1,962.00

Board Agenda Item
June 27, 2018

ACTION

Poplar Tree Park – Mastenbrook Volunteer Matching Fund Grant Program Request – Chantilly Youth Association (Sully District)

ISSUE:

Approval of a Mastenbrook Volunteer Matching Fund Grant Program request from Chantilly Youth Association in the amount of \$10,000 for the installation of fencing behind the goals on fields 2 and 3 at Poplar Tree Park.

RECOMMENDATION:

The Park Authority Executive Director recommends approval of the Mastenbrook Volunteer Matching Fund Grant Program request from Chantilly Youth Association in the amount of \$10,000 for the installation of fencing behind the goals on fields 2 and 3 at Poplar Tree Park.

TIMING:

Board action is requested on June 27, 2018, in order to award the grant.

BACKGROUND:

The Chantilly Youth Association (CYA) has requested to install black vinyl coated chain link fencing at the end of fields 2 and 3 (synthetic fields) at Poplar Tree Park (Attachment 1). The fencing will reduce the number of balls that have to be retrieved from the natural areas behind the goals on the south end of the fields, and help prevent balls from hitting cars in the parking lot on the north end of the fields. The proposed fencing is designed to meet Park Authority standards, and will be installed using an approved county contractor.

The cost of the project is being shared between CYA and the Park Authority, with CYA requesting \$10,000 from the Mastenbrook Volunteer Matching Fund Grants Program to match against their contribution to the project (Attachment 2). If approved, the \$10,000 from the Mastenbrook Volunteer Matching Fund Grants Program, along with a \$10,000 contribution from the CYA and \$12,802 from the Park Authority, will provide the funds sufficient to complete the project. The total project budget is \$32,802.

Board Agenda Item
June 27, 2018

CYA has been a participant in the Adopt-A-Field program for several years, and over the years has contributed funds towards maintenance and multiple athletic field improvements at multiple park and school fields, to include the construction of restrooms and a playground at Sully Highlands Park.

The Park Authority Board Member for the Sully District supports approval of the Grant request. Staff from Park Operations Division will manage the project, which is scheduled to be completed in the summer of 2018. Matching funds are available to complete this project.

FISCAL IMPACT:

The estimated total project cost is \$32,802. Funds are currently available in the amount of \$10,000 in WBS PR-000078, Park Renovations and Upgrades - 2016, in Fund 300-C30040, Park Bond Construction Fund; and \$10,000 from CYA; and \$12,802 in Internal Order 2G51-002-000, Athletic Field Maintenance, in Fund 300-C30010 (303); resulting in the total available funding of \$32,802. Operational expenses will be managed using existing operational resources.

Contingent on the approval of this project, the remaining balance in the Mastenbrook Volunteer Matching Fund Grant Program will be \$244,290.19.

ENCLOSED DOCUMENTS:

Attachment 1: Aerial Showing Grant Project Area at Poplar Tree Park

Attachment 2: Mastenbrook Volunteer Matching Fund Grant Program Request –
Chantilly Youth Association

STAFF:

Kirk W. Kincannon, Executive Director

Sara Baldwin, Deputy Director/COO

Aimee L. Vosper, Deputy Director/CBD

Todd Brown, Director, Park Operations Division

Dan Sutherland, Manager, Park Management Branch, Park Operations Division

Janet Burns, Senior Fiscal Manager

Michael P. Baird, Manager, Capital and Fiscal Services

Poplar Tree Park

Project Areas





Mastenbrook Volunteer Matching Fund Grants Program Application Form

PLEASE PRINT. Please provide all information requested. You may attach additional sheets and/or materials to support your request.

1. Grantee Information

Name of Individual or Organization: Chantilly Youth Association, Inc.

Contact Person: Mark Abbott

Mailing Address: P.O. Box 220242, Chantilly, VA 20153

Phone: () 703-376-8337

Fax: ()

2. Project

Title: Fencing on endlines at Poplar Tree Park Fields 2 & 3

3. Funding Requested

Amount \$ 10,000

(Applicant may request up to a maximum of \$20,000 per project. Limited to one Project per fiscal year.)

4. Project Description

Provide a description of your project. (Attach drawings or specification of *materials*/proposed for purchase. If *educational materials* are proposed, provide a mock up or example of how the product will look, how it will be posted or distributed, and an example of the content. Provide a detailed map and other visual materials, site plan, drawings, photos, cross sections or a mock up of your project and what the finished product will look like.) Provide as much detail as you can to help evaluators clearly understand your project.

CYA is proposing a fencing solution at Poplar Tree Park to improve playability on fields 2 & 3. Specifically, the project would entail 20 foot high fencing behind each goal (approx 60 linear feet per goal) and 10 foot high fencing to complete each endline.

5. Public Benefits

Explain why your project is important and why it is needed? Who are the intended users? How will the public benefit? How many and what different types of users do you expect? How does this project provide new recreational opportunities for the intended users? Does your project solve a problem or provide important missing services? If your project provides for people with disabilities, in what way?

The fencing is needed at these fields to prevent balls from being kicked (soccer) or thrown (Lacrosse) into the parking lot, playground and woods. Safety is the primary concern - both with players and spectators. Kids regularly chase balls into the parking lot and into the woods. Both of these situations present safety risks.

6. Sponsor Commitment

What experience do you or the organization have in accomplishing similar projects? Who will be responsible for organizing and assigning the work to insure successful project completion? You will need to document all project expenditures. What is your plan for documenting the work (photographs, video, written documentation, etc.)? What is your plan, if any, for long-term maintenance of your project after it is completed?

The work will be performed by Hercules Fence as quoted by Greg Stone to the Fairfax County Park Authority.

7. Proposed Budget

You will need to provide a detailed and complete budget. Provide enough detail for evaluators to understand exactly what grant funds will be used for, how you arrived at the prices for services, labor, materials, equipment, etc., and the same level of detail about the amount and source of matching funds.

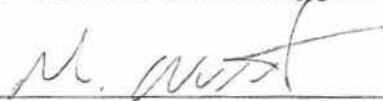
As per the provided quote, the total cost is \$32,802 which includes all labor and materials. Quote is attached.

CYA will contribute \$10k to this project. The FCPA will contribute \$12,802. The Mastenbrook Grant would account for the final \$10k.

The Park Authority prefers to reimburse grantees after the work is completed. Please check one of the following:

We understand payment by the Park Authority will occur after we complete the project.

We must have Park Authority grant funds prior to beginning the project.



Signature

May 16th, 2018

Date



RESIDENTIAL
COMMERCIAL
HIGH SECURITY

“Security in Every
Job”

PROPOSAL

Date: 5/9/2018

To: Fairfax County Park Authority | Jeff Smith
571-295-2307

From: Greg Stone, General Manager

Re: Poplar Tree Park Fencing

The following represents the cost to furnish labor and materials to install the indicated items for the above referenced project:

PVC Coated Black Chain Link Fence:

Field 01- 10' High Fence

480 LF x 25.50= \$ 12,240.00

480 LF x 1.90 (Center Rail) = \$ 912.00

Field 01 – 20' High Fence

120 LF x 57.90= \$ 6,948.00

Field 02 10' High Fence

210 LF x 25.50= \$ 5,355.00

210 LF x 1.90 (Center Rail) = \$ 399.00

Field 02 – 20' High Fence

120 LF x 57.90= \$ 6,948.00

Total \$32,802.00

All pricing is Furnished, Installed, and Freight included.

Thank you for the opportunity to quote this work. If you have any questions, please feel free to contact me at (703) 551-2609.

Hercules Fence Company: SWaM # 652093 Expires 03/02/2019

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