

**PLAYGROUND SCRAP TIRE SURFACE MATERIAL GRANT
APPLICATION FORM¹**

Missouri Department of Natural Resources
Solid Waste Management Program

Legal Name of Organization: Trinity Lutheran Church Child Learning Center
Address: 2201 West Rollins Road; Columbia, MO 65203
Telephone Number: 573-445-1014
Fax Number: 573-445-5878
Federal Tax ID Number: 23-7426726

APPLICANT PROFILE

Type of Applicant: (indicated) Non-Profit entity (attach legal status documentation)
Name of Authorized Official: Ms. Gail Schuster
Official Title: Director
Mailing Address: 2201 West Rollins Road; Columbia, MO 65203
Telephone Number: 573-445-1014
Fax Number: 573-445-58780
Email Address: glennhaven@ktis.net

LOCATION PROFILE - *Location of the project site and status of property (i.e. owned, leased, being purchased; attach proof of ownership or written permission from property owner.)*

Property is located at 2201 West Rollins Road, Columbia, Missouri and is owned by Trinity Lutheran Church of Columbia, Inc. Letter granting permission for this project and clarifying ownership is at Attachment A to this application.

Solid Waste Management Region: Region H - Mid-Missouri Solid Waste Management District

County: Boone

PROJECT DESCRIPTION - *Describe the proposed project and its objectives. Explain why there is a need for the project and its current status. Describe the number of people served by the project and the approximate geographic area of Missouri that will benefit from the project.*

¹ The Appendix contains the substance of the application submitted by the Petitioner but the formatting has been revised to comply with this Court's font and page formatting rules. The grant application in its original formatting is part of the record below in this case.

See Attachment B

MATERIAL SUMMARY - *Provide written documentation (scrap tire material vendor quotes) regarding the quality, quantity, cost and availability of your source of scrap tire material. Documentation should include the quantity required for your project, an estimated cost for the material for your project, an estimate of the cost of delivery of the material and the percentage of Missouri generated tires used in the material.*

See Attachment C

SOLID WASTE MANAGEMENT REGION COOPERATIVE EFFORT - *Describe in detail the Solid Waste management Region's involvement in the project.*

The Mid-Missouri Solid Waste Management District's Executive Board supports the objectives of this project (see Attachment D). They believe the successful completion of this project will help promote awareness of the availability and marketability of recycled rubber tire products. In addition, the City of Columbia Solid Waste Department endorses this project (see Attachment E).

MEDIA EXPOSURE - *Provide a plan to seek media exposure for this project (guidelines provided in the application instructions).*

The child Learning Center will implement an aggressive community awareness program to publicize this project. After the completion of the project, we plan to conduct a ribbon-cutting ceremony with invitations to various community group leaders and City of Columbia leaders. This opening ceremony will publicize the benefits of using recycled materials, especially discarded used automobile tires, to improve our environment. In addition, The Center will utilize the monthly newsletter, social networking sites, website and local media press releases to inform the community of the project. The Center will contact local television and radio stations for potential news reports on the project. Local print media such as newspapers and local magazines will be contacted with press releases and ideas for possible news stories on the project. See Attachment G, Information Plan.

RECYCLING EDUCATION – *Provide a plan to use the project as part of a recycling program to teach students or children the benefits of recycling.*

Children who attend The Learning Center are encouraged to recycle as part of the school curriculum. See Attachment F for lesson plan. This project will provide an excellent learning environment for teaching the children the advantages of recycling discarded products. The children and parents will experience firsthand how recycled rubber products can enhance safety and the environment. Through the use of the information plan, parents and members of the community will be educated on the benefits of recycling. This project will go hand-in-hand with The Center's existing

policy of recycling aluminum cans, plastic, electronic equipment, office equipment, and paper products.

INFORMATION PLAN – *Provide a plan for sending grant information to others (guidelines provided in application instructions).*

See Attachment G

SCOPE OF WORK – *Identify project tasks by number and describe each task in not more than one paragraph. Project tasks are the actions taken to achieve specified project objectives. Identify which personnel are responsible for each task.*

See Attachment H

TIMELINE GRAPH – *The Scope of Work tasks must be the items on the vertical axis of the timeline graph. Quarterly progress reports are mandatory and shall be submitted after the third, sixth, ninth, and twelfth month of the project period. The project period will be stated on the Financial Assistance Agreement of the grant. Due to the variable nature of the financial assistance negotiation process, it is not possible to predict the project start date. For this reason, the months on the timeline are referred to as numbers 1-13, not as January, February, etc.*

See Attachment I

BUDGET – *Complete the budget below showing the total cost of the proposed playground scrap tire surface material project. Grant funds are eligible for surface material and delivery costs only. Site preparation, material containment/support, labor, etc. are costs not eligible for grant fund reimbursement.*

Provide a copy of scrap tire material vendor quotes supporting the budget figures included below. Fifteen scoring points are awarded if 3 or more quotes are provided.

Preference will be given to applicants requesting mats or pour-in-place surface materials. Grant recipients requesting mats or pour-in-place surface material will be eligible for a grant award up to \$20,000 while those requesting loose surface material will be eligible for a grant award up to \$10,000.

Note: The budget summary will be used as the basis for the grant agreement and reflects the maximum amount for which the recipient may be eligible for reimbursement. If an applicant receives a grant award based upon additional scoring of points due to the recipient's intent to purchase additional surface material, the recipient will only be eligible to receive reimbursement based on the percentage of the actual project cost.

Budget Summary:

Requested Grant Funds:

Scrap Tire Material..... \$20,000

Additional Surface Material Funds:

Scrap Tire Material..... \$10,080

Delivery..... \$ 500

Total Project Cost

(surface material only)..... \$30,580

SUPPORTING DOCUMENTS – - Preliminary Project Design - *Provide a diagram of the area where the scrap tire surface material will be used. Include dimensions of the area and type of material to be utilized. Loose surface material must be 8” deep to ensure fall safety, wire free and properly contained. Mats and pour-in-place surface material must be placed on asphalt, concrete, or other suitable surface(s). Provide information on both the surface material and containment (loose fill) or support (mats, tiles, pour-in-place) material to be used. All surface material projects must conform to the manufacturer’s specifications.*

See attachment J

APPLICATION CHECKLIST – *Before submitting your application, please complete this checklist. Only if the applicant can answer Yes to all questions on this form should the application be submitted. Evidence substantiating each “Yes” answer in the checklist must be included in the application and be referenced on the checklist.*

1. *Is the certification statement below signed and dated by the authorized official? Yes – Attachment A*
2. *Are an original and two copies of the application submitted? Yes*
3. *Is the project located in Missouri? Yes; Attachment A*
4. *Is the applicant profile complete? Yes; Page 1*
5. *Is the location profile complete? Yes; Page 1*
6. *Is the project description complete? Yes; Attachment B*

7. *Is the material summary complete?* Yes; Attachment C
8. *Is the media exposure complete?* Yes; Page 2
9. *Is the recycling education complete?* Yes; Attachment F
10. *Is the information plan complete?* Yes; Attachment G
11. *Is the Solid Waste Management Region cooperative effort complete?* Yes; Attachment D
12. *Is the scope of work complete?* Yes; Attachment H
13. *Is the time line graph complete and in the proper format?* Yes; Attachment I
14. *Is the budget complete?* Yes; Page 4
15. *Is support documentation as required provided?* Yes; Attachment J
16. *Is the amount of assistance requested \$20,000 or less for mats or pour-in-place surface material, or \$10,000 or less for loose surface material?* Yes

I hereby certify that the information in this application is true and correct. I further certify that the organization that I represent has sufficient resources to conduct this project while awaiting reimbursement from the department. Further, I certify compliance with the following criteria:

1. The application is not owned or controlled by a church, sect, or denomination of religions and the grant would not directly aid any church, sect or denomination of religion.
2. The applicant's mission and activities are secular (separate from religion; not spiritual) in nature.
3. The grant will be used for secular (separate from religion; not spiritual) purposes rather than for sectarian (Denominational, devoted to a sect) purposes.

SIGNATURE OF AUTHORIZED OFFICIAL / DATE
SIGNATURE OF PROJECT MANAGER / DATE

ATTACHMENT A
LETTER OF OWNERSHIP AND APPROVAL OF PROJECT

TRINITY LUTHERAN CHURCH
<Letterhead>

Missouri Department of Natural Resources
Solid Waste Management Program
P.O. Box 176
Jefferson City, MO 65102-0176

Subject: Grant Application – Trinity Lutheran Child Learning Center

To Whom It May Concern:

In support of The Trinity Lutheran Child Learning Center (TLCLC) grant application for the Missouri Department of Natural Resources Playground Scrap Tire Surface Material Grant program, this letter provides: 1) proof of ownership of The TLCLC; and 2) owner approval to install a recycled rubber product on the church property.

The TLCLC was established as a separate corporate entity in 1980 and eventually merged with Trinity Lutheran Church of Columbia, Incorporated in 1985 (Attachment 1) and therefore TLCLC is an entity under the auspices of Trinity Lutheran Church of Columbia, Inc. and located on church property.

The TLCLC is a not-for-profit organization under the corporate church not-for-profit status (See Attachment 2). It is a ministry to Columbia, Boone County and surrounding counties and community residents and admits students of any sex, race, color, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the Learning Center. It does not discriminate on the basis of sex, race, color, national and ethnic origin in administration of its educational policies and other school administered programs nor does it require any statement of faith as a requirement for admission.

The Trinity Lutheran Church of Columbia, Inc. Board of Directors has reviewed the TLCLC plan for installing a recycled tire resilient rubber product on the school playground and approves the installation on church property.

Sincerely,

Mike Walz
<signature block>

2 Attachments:

A-1. Corporate merger document

A-2. Not-for-profit designation

ATTACHMENT B PROJECT DESCRIPTION

The Trinity Lutheran Child Learning Center (TLCLC) was established as a not-for-profit organization in 1980 with the mission of providing quality pre-school education and day care for families in the Boone County and surrounding areas. In 1985, TLCLC was merged with Trinity Lutheran Church of Columbia, Inc. and remains in this status. The Center is licensed by the Missouri Department of Health and Senior Services, Bureau of Child Care Safety and Licensing and is in the process of gaining accreditation as an early childhood education program. The upgrade of the TLCLC playground is an integral part of supporting documentation for the accreditation process. TLCLC also participates in the Federal Child and Adult Care Food program. Enrollment at The Center averages 90 children ages 2 up to kindergarten. The Center is open year round and services working families and parents attending school throughout The City of Columbia, Boone County and other adjacent counties. The mission of The Center is to provide a safe, clean, and attractive school facility in conjunction with an educational program structured to allow a child to grow spiritually, physically, socially, and cognitively.

The enrollment policy of the TLCLC is as follows: "Equal Opportunity for Students: Trinity Lutheran Child Learning Center admits students of any sex, race, color, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the Learning Center. It does not discriminate on the basis of sex, race, color, national and ethnic origin in administration of its educational policies and other school administered programs."

TLCLC has one moderately sized playground that is subdivided into two areas (see Attachment 3): an area for younger children up to ages 2 ½ to 4 years (averaging approximately 25 children during play periods) and another larger area for the older children through pre-kindergarten age (averaging approximately 30-40 children during play periods). Each area also includes a large covered pavilion that houses sandbox play areas. The two areas have a number of different playground equipment systems appropriate to the age of the child. The surfacing in both areas, other than the sand box pavilions, is pea gravel with some other areas of grass which will not be replaced. The pea gravel surface continually migrates away from critical play areas, especially under the swing sets and slide units and climbing units. TLCLC has placed rubber mats in critical areas but the pea gravel continually erodes from under the mats and creates a trip hazard. The pea gravel is unforgiving if/when a child falls and thereby poses a basic safety hazard.

The TLCLC proposed project will remove and replace an older climbing/swing structure with a safer, newer technology unit and will remove and replace a large portion of the pea gravel surfacing with a recycled pour-in-place rubberized product (with the assistance of the DNR grant program). The TLCLC will contribute 30%

toward the resurfacing portion of the project and will provide self-help labor to prepare the site for the new surfacing material in accordance with the installation contractor and rubber product manufacturer requirements.

The benefits to this project are to increase access to the playground to all children, regardless of ability, by providing American with Disabilities Act (ADA)-compliant surfacing and to provide long-term, safe, resilient surfacing under the playground equipment and other play areas. A very important side benefit from this proposed project is the use of Missouri recycled automobile tires for the resilient surfacing material which is a positive use of a recycled product to improve our Missouri environment.

This proposed project will be cost effective for the long term and provide a much safer environment for not only The Center students but the surrounding community as local children frequently use the playground during non- school hours and nights and weekends. In addition, Trinity provides facilities for a kindergarten through eighth grade elementary school and children from that school often utilize the playground after hours.

**ATTACHMENT C
VENDOR QUOTES**

Quote 1:

From: "BertDarling"bdarling@roosterrubber.com
Date: 01/13/2012 1:04PM
To: <glennhaven@ktis.net>
Subject: Rooster Rubber Premium Rubber Mulch

Phil;

Thank you for visiting our website and your inquiry regarding Rooster Rubber's Premium Rubber Mulch and playground surfacing for your grant application.

Please let me know;

The square foot area you would like to cover; See below

Color desired; Black and 1 color

Quote;

Section 1 ; 6504 051 sq/ft @ \$13.55/sq ft = \$8,8130 0

Section 2; 491.519 sq/ft @ \$13.55/sq f t = \$6,660 00

Section 3 ; 1,6700 933 sq/ft @ \$15.00/sq ft = \$25,051.4 0

Plus applicable taxes.

Freight estimate; Included

Availability; In stock

Site Preparation: Not Included

Installation; Sub-surface and EPDMs surface only, cleanup

Swing/Slide Black Rubber Mats;

2' x2' x 5/8" or 2' x3' x 5/8"; \$52.00/each

4'x4'x 5/8" or 4'x6'x 5/8"; \$

Borders (4' long x 12" tall x 4" wide); Not included

Percentage of Missouri tires used in our products; 100% of Black EPDM
(Documentation available upon request)

I look forward to hearing from you.

NEVER MULCH AGAIN!!!!

Bert Darling
Rooster Rubber, LLC
(816) 241-6400
bdarling@RoosterRubber.com

Quote 2:

S. Bollinger & Associates, LLC
Safety surfacing
P.O. Box 856
Hillsboro, MO 63050

January 17, 2012

Trinity Lutheran Church

RE: Playground Surfacing

Attention: Phil Glenn

Per your email request dated 1-12-12 we are proposing to furnish all labor and material necessary to install pour-in-place playground surfacing in your existing playgrounds with the following qualifications.

Three areas – totaling 2,811 sq. ft.
Sub-base by others
Thickness – 2”
Color – 50% color/50% black
Total.....\$30,921.00

Included is the cost for the waste tire material \$5,850.00
Included is the cost for the waste tire material delivery \$1,625.00
100% of the waste tire material is generated in State of Missouri

Alternate Pricing

Sub-base includes remove and dispose of existing pea gravel surfacing and install a compacted rock sub-Base minimum 4” thick

Total.....\$7,027.50

We appreciate the opportunity to bid on the above project. Please contact our office if you have any questions or need additional information. We look forward to doing business with you.

Sincerely,

Steven B. Bollinger
(636) 797-5820
(636) 797-5881 (Fax)
steve.bollinger@att.net

Quote 3:

Entire Recycling January 18, 2012

13974 US Hwy 136, Rock Port, MO 64482

Phone: 1-600-744-2252; Fax: 1-600-744-2732

Email: jim@entirerecycling.com

Trinity Lutheran Church Phone: 573-592-7866

Columbia, MO Cell: 573-310-1489

Phil Glenn, Project Coordinator

TOTAL 2811 SQUARE FEET OF PLAYGROUND AREA QUOTE

2" BASE + 1/2" CAP TOP COAT: 2 1/2" Pour in Place in three areas

2811 sq. ft. our in place @ \$9.50 per sq. ft. = \$26,704.50 total project

1670 sq. ft. area:

85 bags SBR x 55 lb. per bag = 4675 lb. x .30 =	\$1,402.50
167 bags of pad buffing x 50 lb. per bag = 8350 lb x .22 =	\$1,837.00
2107 lb. urethane x 2.20 =	\$4,635.40

650 sq. ft. area:

31 bags SBR x 55 lb. per bag = 1705 lb. x .30 =	\$511.50
65 bags of pad buffing x 50 lb. per bag = 3250 lb x .22 =	\$715.00
793 lb. urethane x 2.20 =	\$1,744.60

491 sq. ft. area:

25 bags SBR x 55 lb. per bag = 1375 lb. x .30 =	\$412.50
49 bags of pad buffing x 50 lb. per bag = 2450 lb x .22 =	\$539.00
619 lb. urethane x 2.20 =	\$1,361.80

Material Cost		\$13,159.30
Estimated Delivery Cost	\$ 1,000.00	
Labor		<u>\$12,545.20</u>
TOTAL COST OF PROJECT	\$26,704.50	

Approximately 1454 PTE's will be used in this project using 100% Missouri scrap tires. Our product is of the highest quality, being 99.9% free of all foreign matter such as steel, nylon, etc.

