#### COOPERATIVE AGREEMENT BETWEEN THE MISSOURI DEPARTMENT OF CONSERVATION (Hereinafter referred to as Department) AND \* COLUMBIA PARKS AND RECREATION (Hereinafter referred to as Cooperator)

\*City of Columbia on behalf of its

NAME OF PROJECT: Tree Resource Improvement and Maintenance (TRIM) Grant

Project Number: 16-039 Project Description: Education

#### **PARTIES AND CONTACTS:**

Brett O'Brien COLUMBIA PARKS AND RECREATION 1507 Business Loop 70 W Columbia MO 65202 (573) 874-7489

Ann Koenig, Community Forester Missouri Department of Conservation 3500 E Gans Rd Columbia MO 65201 (573) 816-7900

#### AGREEMENT DURATION

The period of this agreement is October 31, 2015 through June 10, 2016.

#### **MEASURABLE OUTCOMES:**

- 1. Complete the approved *TRIM* project anytime between signature of this Agreement and May 6, 2016. Said project shall be completed as described and specified in the application submitted for consideration of cost-share funding. The application is attached and incorporated herein.
- 2. Costs incurred before this agreement are ineligible for reimbursement.
- 3. All tree work must conform to the most current version of the American National Standards Institute *A300 Standards for Tree Care Operations*. Failure to do so may result in payment being withheld.

4. The Department shall be given appropriate credit in all publications, educational materials and in all media contacts related to this project. The statement "A portion of the funding for this project was made available through the Missouri Department of Conservation's Tree Resource Improvement and Maintenance (TRIM) program" is suggested.

#### **REPORTING REQUIREMENTS:**

- 1. The Cooperator shall contact the local forester noted above under **PARTIES AND CONTACTS** if any changes in the project arise. The local forester or their representative must approve all changes prior to implementation. Failure to do so may result in denial of payment of your *TRIM* project.
- 2. The Cooperator shall notify in writing the local forester by May 6, 2016 that all work has been completed and request an inspection of the project.
- 3. Should an extension beyond the May 6, 2016 deadline be desired to complete the project, the Cooperator shall submit a request in writing outlining the extenuating circumstances necessitating such a variance. This written request must be received a minimum of two weeks prior to the May 6, 2016 deadline. Such requests must be sent to the Department of Conservation, Community Forestry Coordinator, P.O. Box 180 Jefferson City, Missouri 65102. Extensions can only be granted by the Community Forestry Coordinator. Requests made by email are not acceptable.
- 4. The Cooperator shall provide documentation of all costs associated with the approved project before payment will be made. This includes copies of all dated invoices for project costs, paid receipts, and a description with documentation of all donations, volunteer assistance, and in-kind costs.
- 5. The Cooperator shall provide documentation that all activities identified in the application's Publicity Plan are completed.
- 6. If for any reason, the Cooperator cannot complete the *TRIM* project during the time specified herein, immediate written notification to the Department is required. Providing timely notification will also ensure that no penalties will result for future project applications.

#### **MONITORING REQUIREMENTS:**

1. The Department's local forester or their representative shall monitor each project. Such monitoring shall include but not be limited to on-site visits, ongoing informal monitoring through phone calls, email, and desk review of

financial information, progress, and performance reports. The Department shall conduct an onsite inspection of each project upon completion to assure compliance with program guidelines.

- 2. After project inspection and certification that the work fully meets the project specifications, the Department shall process payment. If the inspecting local forester finds the project does not meet specifications, payment will not be issued until specifications are met.
- 3. The Cooperator shall allow the Department access to all financial records and/or audited financial statements related to this agreement.

#### **REQUIRED PROVISIONS**

The Cooperator, COLUMBIA PARKS AND RECREATION, agrees to defend, indemnify and hold harmless from claim or suit the Department, the Conservation Commission and their employees and agents from any claim or suit brought by any third party in connection with the activities to be performed or improvements to be installed under this agreement.

#### **PAYMENT PROCESS:**

Payment to the Cooperator will be the applicable percentage as noted on the *TRIM Cost Share Request Form* of the <u>actual</u> costs required to complete the *TRIM* project, but will not exceed the lesser of **\$3,795** or the total of the reimbursable costs required to complete the project. The remainder of cost is the responsibility of the Cooperator. All funds from the Department must be deposited in a timely manner.

#### **OWNERSHIP**

Any equipment purchased with funds under this agreement with a value greater than \$100.00 remains the property of the Department. The Department will make determination as to disposition of any property, equipment and unused supplies. The Cooperator shall provide to the Department a periodic inventory of all equipment with a value greater than \$100.00 purchased with funds from this contract.

APPROVED AND ACCEPTED

#### **MISSOURI DEPARTMENT OF CONSERVATION**

By:\_\_\_\_\_

Title: \_\_\_\_\_

Date:

#### **CITY OF COLUMBIA, MISSOURI**

By:

Mike Matthes, City Manager

Date:

ATTEST:

By:

Sheela Amin, City Clerk

APPROVED AS TO FORM:

By:

Nancy Thompson, City Counselor

Federal Identification Number: 43-6000810

# T.R.I.M. Estimated Project Cost Worksheet

And the set of the set	B O'R
Applicant <u>Columbia PARKS TRec.</u> Contact person	
Address 1507 BUSINESS 100p 70 WEST	
Phone (\$73) 874-7487 County Re	oon 2
City/State Columbin Mo ZIP	(9-digit ZIP required) <u>6らえのエーパックス</u>
Project location (2) Columbia WATCAS moss building Ima	NTON ARboRETUR, Ziste TL
Project Type (check all that apply):         □ Inventory       □ Removal       □ Pruning	Planting Other
Provide costs only for items associated with your proje	ect.
A. Reimbursable Costs	Amount
1. Contract fee (tree-management plan, material development, inventory)	
2. Contracted labor (tree removals, pruning, planting, inventory)	
3. Purchased materials for inventory or tree work	
4. Equipment rental (inventory, planting, or other tree work)	2
5. Education (training course fees, program materials)	\$ 3,795 ·==
6. Tree planting plan preparation fee	
7. Trees for planting and delivery, less any discount	
8. Purchased materials for planting (stakes, mulch)	
SUBTOTAL	s 3,795 00
B. Non-reimbursable Costs	2
1. Administrative costs (tree care, education, inventory)	B 1. 182
2. Paid employee labor (tree care, education, inventory)	ky 2.90 -00
3. Donated labor (tree work, planting, or inventory (at \$10/hr))	
4. Donated equipment costs	
5. In-kind equipment	
6. Donated materials (stakes, mulch, etc.)	
7. Discount or credit for trees or tree planting	
8. Other	
SUBTOTAL	\$5422 .00
C. Total Estimated Project Costs	

(Add above and round to nearest dollar.)

Please complete Cost-Share Request Form on reverse side.

\$<u>9</u>,<u>217</u>.00 Transfer total to back side of form

## T.R.I.M. Cost-share Request Form

Applicant Columbia PARKS AND RECERTION Contact person	BROTOBRIEN
Project location Columbia Mo- WATERS Moss hulding	/ MORTON ARHORETUR, LISTE IL

#### C. Total Estimated Project Costs

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¢	721	7.00
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Amount from front side of form

D. MDC Cost-share Computation		
Missouri Department of Conservation's Cost Share (60% X Total estimated project cost)	\$ 5,530.00	
Tree City USA Bonus (15% X Total estimated project cost) NOTE: To qualify for bonus, project must be located in a community that is currently certified as Tree City USA.	\$ 1,382.00	
Missouri Arbor Award of Excellence Bonus (5% X Total estimated project cost) NOTE: To qualify for bonus, applicant must be the winner of an MAAE award.	\$00	
SUBTOTAL Add all amounts in D (above):	\$ 6 912.00	
SUBTOTAL REIMBURSABLE COSTS Enter the SUBTOTAL from A on front side:	\$ <u>3,795</u> .00	
<b>TOTAL MDC COST SHARE</b> Enter the smaller of the above two lines.		

cannot exceed Reimbursable Costs. Maximum available is \$10,000 unless specifically authorized.

#### E. Local Cost-share Computation

Total MDC Cost Share subtracted from Total Estimated Project Costs

I certify that funds received through the Tree Resource Improvement and Maintenance program will be used only for the care of trees or planting of trees on public property, as noted in this application. I certify that all trees subject to this contract will be pruned in accordance with American National Standard Institute A300 Standard Practices for Wood Plant Maintenance specifications and that trees will be planted in accordance with the enclosed How to Plant a Tree brochure.

MRETTOBRIES - PARK NATURAL RESOURCES Supervisor mge and Title of Representative ) re-Signature of Representative Date

Signature of Missouri Department of Conservation Forester

Date

\$ 5422.00

Date Revised March 2015

#### 2015 TRIM Cost Share Program Application Narrative Columbia Parks & Recreation

#### **Project Background and Description:**

Our application is for funding is for training and education for 4 of Columbia's Parks and Recreation Department Natural Resources Program employees. The first level of funding will provide 4 ISA certified arborist and department employees, (natural resources supervisor, park forester, park horticulturist and senior assistant forester) the opportunity to attend a Tree Risk Assessment Qualification (TRAQ) workshop. TRAQ is an ISA qualification program that trains arborists how to use the methodologies outlined in the ISA Best Management Practices for Tree Risk Assessment. This qualification promotes the safety of people and property by providing a standardized and systematic process for assessing tree risk. The results of a tree risk assessment can provide Municipal Arborists and risk managers with the information to make informed decisions to enhance tree benefits, health, and longevity. The 2nd level of funding is to aid horticulturist. Pyon Pussell, in attending the

The 2nd level of funding is to aid horticulturist, Ryan Russell, in attending the International Oak Society (IOS) Conference in Lisle Illinois. The IOS Conference is a triennial event and is infrequently held in the United States (most recent-2006) and rarely in the Midwest (most recent-1994). Ryan is an IOS board member, member of both Editorial Committee and Taxonomy Committee and also serves as Co-registrar of Oak cultivars (IOS is the organization recognized internationally by botanists as the ICRA -International Cultivar Registration Authority of Quercus). Ryan Russell's involvement with the IOS increases his considerable knowledge and understanding of the species which he applies to the duties and responsibilities as horticulturist.

The information both levels of training and education will provide the Columbia's community forestry program is considerable with far reaching and long term positive consequences.

#### **Participants and Their Roles**

Duties for Administrative staff will consist of administrative and publicity work. Duties for the four employees attending TRAQ workshop will include travel and course work. Duties for Ryan Russell at the IOS will include a presentation on the oak cultivar registration in addition to attendance of conference educational sessions.

DATE	ACTIVITY
September 2015	Notification of award. Make arrangements for horticulturist, Ryan Russell to attend IOS Conference. Begin preparations for TRAQ workshop.
October 17-23, 2015	Ryan Russell attends International Oak Society Conference in Lisle Illinois.

#### **Completion Timetable**

Mid-January 2016	Article about IOS Conference and importance of oaks to Missouri community forest written by Ryan Russell and published in Winter issue of Cityscape.
Winter 2016	Natural Resources Supervisor, Forester, Senior Assistant Forester, and Horticulturist attend TRAQ Workshop.
March 2016	Information about TRAQ, its value and the education it provided written and publicized. Skills and lessons learned put to work to advance Columbia's community forestry program.
May 2016	Submit final paper work to MDC for reimbursement.

#### **End Results**

The value this project offers is both a way to significantly improve our efforts to care for the Columbia community forests and move forward in building a sustainable, balanced and comprehensive community forestry program. The TRAQ training will aid staff in assessing tree risk and communicating appropriate arboriculture actions with city administrators and elected officials. Information gained from IOS conference will assist in management of Columbia oak trees in addition to aiding in the expansion of the existing Quercus collection at Stephens lake Park.

#### **Facilities and Equipment**

All 4 employees are based at Park Management Center, 1507 Business Loop 70 west. 2008 Chevrolet Uplander minivan (city vehicle #3157) will be used for transportation. The IOS Conference will be held at the Morton Arboretum, in Lisle Illinois.

#### **Project Administrator**

Brett O'Brien, Natural Resources Supervisor Columbia Parks and Recreation Department 1507 Business Loop 70 West Columbia, Mo 65202 Phone: (573) 874-7489 Fax: (573) 875-3159

#### Itemized Budget, Columbia Parks and Recreation 2015 TRIM Grant Application

Project: Funding for the Columbia's Parks Department to send 4 employees who are ISA certified arborist to TRAQ workshop and assist 1 staff member attend International Oak Society Conference.

#### **REIMBURSABLE COSTS**

Registration for TRAQ Workshop	
4 employees @ aprox \$650.00	\$2600.00
IOS conference registration	\$325.00
Travel expenses to Lisle II. 670 mile round trip- fuel, meals, tolls, etc.	\$250.00
Hotel cost for IOS - 5 nights @ \$124.00	
(\$99.00 room charge & additional taxes/fees of aprox. \$25)	
	\$620.00
Total Reimbursable Costs	\$3795.00

#### **NON-REIMBURSABLE COSTS**

#### Full time employee costs

<i>Natural Resources Supervisor-</i> Administrative and supervisory time, writing articles for publicity plan. Travel and time spent at TRAQ 50 hrs. @ 35.00 hr.	\$1750.00
<b>Public Information Specialist-</b> Contact media and submit press release. Assist with planning and other aspects of the publicity plan. 8 hrs @ 25.00 hr.	\$200.00
<i>Management Support Specialist</i> -Administrative time, post information about the grant project on City of Columbia website. 12 hrs. @ 36.00 hr.	\$432.00
<i>Forester</i> -Travel and time spent at TRAQ workshop. 30 hrs. @ \$25.00 hr.	\$750.00
<i>Horticulturist-</i> Travel and time spent at ISO Conference, TRAQ 70 hrs. @ \$25.00 hr.	\$1750.00
Assistant forester- Travel and time spent at TRAQ workshop. 30 hrs. @ \$18.00 hr. Total Non-Reimbursable Costs\$5422.0	<u>\$540.00</u> 0

TOTAL PROJECT COST......\$9217.00

### 2015 TRIM Grant Publicity Plan

#### Media Contacts and other venues

Press Releases and other contacts to the local news agencies will be handled by our Public Information Specialist. In addition, Information about the TRAQ training and how our forestry staff will use this knowledge in the management of city trees will be accessible on the city of Columbia web site (*for an example, see the following*) http://www.gocolumbiamo.com/ParksandRec/treeching\_trail\_walk.php

#### Written Articles

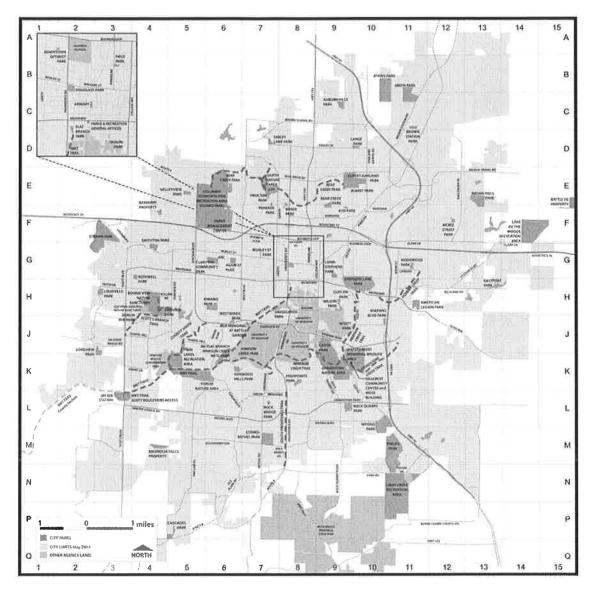
As a means to share the information about the value of Tree Risk Assessment qualification in addition to lessons learned from IOS workshop and conference, articles authored by the Forester, Horticulturist, or Park Supervisor will be written for publication. Possible places of publication would include; *Cityscape*- MCFC newsletter, *Tree Leaves*- MW-ISA Midwest chapter newsletter.

#### Local radio

The Columbia Parks Department has a monthly, half hour Saturday morning program on local radio station KFRU. Park supervisor or Park forester can describe the benefits and value that TRAQ training for park employees has provided the Columbia community. Park horticulturist will provide details about the IOS and oak research and why it is critically important to community forestry in Missouri.

In all of these methods of publicity the Missouri Department of Conservation role in providing financial assistance and guidance will be strongly stated.

## Columbia Parks and Recreation 2015 TRIM Grant Application-Project Map



### LOCATION OF TRAQ WORKSHOP

TRAQ workshops are scheduled in the Midwest region by the Midwestern Chapter of the International Society of Arboriculture (MW-ISA). MW-ISA generally counts on a local liaison to assist with the workshop arrangements. A Columbia Parks Department employee (Brett O'Brien) is currently a MW-ISA board member and will be able to serve as a local liaison for a TRAQ workshop. A Columbia TRAQ Workshop will enable a greater number of Missourians, especially from the central region, achieve this valuable training without the burden of additional travel time and expense. As part of this TRIM application a Columbia Park facility, such as the Moss building at the Waters-Moss Memorial Wildlife Area, can be provided for TRAQ Workshop at no charge.

For information on Moss building; Seehttp://www.gocolumbiamo.com/ParksandRec/Parks/Waters Moss/moss bldg.php



Sign Me Upl | Log In BROWN PAPER O TICKETS The fair-trade ticketing company, Find An Event Create Your Event Help Search events... Tree Risk Assessment Qualification - TRAQ Workshop in Bellevue, NE (Omaha Area) Share this event: June 10-12, 2015 Fontanelle Forest Nature Center - Forest Room Bellevue, NE This course is scheduled for June 10-12, 2015, Registration deadline is May 10, 2015, On Location -line registration only Fontanelle Forest Nature Cemter -The ISA Tree Risk Assessment Qualification (TRAQ) program provides an opportunity for Forest Room (View) professionals in the arboriculture industry to expand their knowledge through education 1111 Bellevue Blvd N QUALIFICATIONS and training in the fundamentals of tree risk assessment. This qualification promotes the Bellevue, NE 68005 safety of people and property by providing a standardized and systematic process for United States assessing tree risk. The results of a tree risk assessment can provide tree owners and risk managers with the information to make informed decisions to enhance free benefits, health, and longevity The Tree Risk Assessment Qualification Course is a two-day educational course followed by a 1/2 day assessment that includes both a written and field component. Day one and Ν two are full-days (8am-5pm) and Day three is a test day running from Bam-noon. The course prepares the participant to take the TRAQ assessment to become ISA Tree Risk Assessment Qualified, It is required that you attend the course and successfully complete the assessment in order to receive the ISA Tree Risk Assessment Qualification Fontenelle Forest Nature Center The Instructor for this course is Skip Kincaid, Board Certified Master Arborist, Skip has taught this course over 25 times and enjoys bringing new information to arborists, ds Rd E Tolle Plan par IMPORTANTII The course registration deadline Is May 10, 2015, Registrations will not be accepted after that date, No cancellations will be accepted after that date, MW-ISA will > Go to Google Maps retain \$75 of the fee on cancellations, the balance will be refunded. For registration questions, please email skipkIncaid75@gmail.com. Maps: 1 bing PREREQUISITES: To earn the Tree Risk Assessment Qualification (TRAQ) you must hold or have previously held one of the approved credentials as a prerequisite to take the TRAQ course. A list of eligible credentials is provided in this on-line registration process. Categories You will be asked to list your ISA certification ID number, or identify and provide proof of other eligible credentials. If you hold a credential or have completed a program of sludy None that is not listed in the registration process, go to www.isa-arbor.com/certification/resources/cert Cred TRAQ EligibilityAppeal.pdf for information on Kid Friendly: No submitting an appeal. Please be aware the appeals process could take several months. Dog Friendly: No Non-Smoking: Yes! **Get Tickets** Wheelchair Accessible: Yes! Date Admission Level Price Quantity Contact **ISA Member** \$625.00 (\$647.87 w/service fee) 0 🔽 Jun 10, 2015 8:00 AM Owner: Skip Kincald Consulting On BPT Since: Dec 11, 2012 Must be a current member of ISA - Class runs June 10 (Bam) to June 12 (noon) **Midwest Chapter ISA** Non - ISA Member \$750.00 (\$777.24 w/service fee) 0 🔽 314-650-6032 skipkincaid75@gmail.com If you are currently not a member of ISA - Class runs June 10 (8am) to June 12 (noon) Ask a question.... Deliverv (United States - Gliange Country) Ask1 Print-At-Home (No additional feel) **Remind Me** AMERIKAN VISA Add to Cart EXPRESS Outlook/ICal/Sunbird Add to Calendar Google Calendar Post to Google Email me 7 💌 days before. Save Reminder

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Ticket Buyers

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#### LEARN & experience

## 8th International Oak Society Conference

#### October 18 through 21, 2015

In 1994, professionals and tree lovers came together at The Morton Arboretum (just outside Chicago, Illinois) to found the International Oak Society. The Society is dedicated to the appreciation, conservation, and study of these magnificent and important trees worldwide. For its 20th anniversary conference, the Society returns to the Arboretum. Conference highlights will include presentations from many of the world's leading oak researchers, opportunities to discuss and contribute to ongoing work in oak conservation worldwide, workshops in oak collecting and collections management, tours of the Arboretum's world-renowned oak collection, and a seed exchange.

#### Speakers will report on a wide range of current oak research topics:

- Ecology and natural history
- Evolution
- · Biodiversity and conservation
- Selection and propagation
- Pests and diseases
- Ethnobotany
- And more!

#### Confirmed speakers include:

- Anthony Aiello (Morris Arboretum, University of Pennsylvania, USA)
- Mary Ashley (University of Illinois, Chicago, USA)
- Janet Backs (University of Illinois at Chicago, USA)
- Nina Bassuk (Cornell University, USA)
- Jeannine Cavender-Bares (University of Minnesota, USA)
- Béatrice Chassé (Arboretum des Pouyouleix, France)

#### FEES AND ADMISSION:

Conference Fees include admission to The Morton Arboretum on day of conference.

#### Full conference registration: \$325.00 USD (includes keynote and Gala Dinner; IOS membership required)

Keynote only: \$20.00 USD (no IOS membership required)

Single day conference registration: \$125.00 USD (10/19, 10/20, or 10/21; Gala Dinner not included in single day registration; no IOS membership required) Gala Dinner only: \$60.00 USD (no IOS membership required)

**Scholarships:** A small number of scholarships are available from the International Oak Society for individuals in the early stages of their career (students, postdoctoral researchers, and other early-career persons) who wish to attend the 2015 IOS meeting. If you wish to apply for a scholarship, please submit a supporting statement from your advisor or a senior colleague, along with their contact details; and a brief (1 page or less) statement indicating your position, reasons for wishing to attend, and how you hope the meeting will enhance your ongoing or future work in the world of oaks. Scholarship recipients will receive a waiver of registration fees, one year of individual membership in IOS, and up to \$500 toward documented travel costs. Please submit all materials to Andrew Hipp and Murphy Westwood (ahipp@mortonarb.org, mwestwood@mortonarb.org) by May 1 for full consideration.

**Payment:** We can accept bank transfers, credit cards, or personal U.S. checks; bank transfer or credit card payments are preferred. Checks will not be accepted after September 8, 2015; we are not able to accept international checks. **If you wish to pay via bank transfer**, please email the Registrar's Office at Registrar-ed@mortonarb.org with your request, include your email address or the email address of an employee of your organization authorized to make payments, and our Business Office will contact that person.

**Notes:** Seats are limited so please register early. Registrations for the full conference will be accepted pending verification of membership in the International Oak Society (IOS). If you are not an IOS member and would like to join to participate in this conference, please select a membership option when you register. Registration will close October 14th. If you wish to cancel your conference registration, a full refund, minus a 10% processing fee, will be available until October 2. After October 2, no refunds will be available. International Oak Society membership can be refunded with conference membership until the first issue of the International Oaks journal is shipped to a member; after that time, no refunds on membership are available.

If you have questions about registration and payment, please contact the Arboretum Registrars' Office at Registrar-ed@mortonarb.org or at 630-719-2468 (M-F, 9 a.m.-4 p.m. Central Time).

IOS REGISTRATION FORM v5.pdf (printable registration form)

#### **REGISTRATION INFORMATION:**

Full conference registration: \$325.00 USD (includes keynote and Gala Dinner; IOS membership required)

Keynote only: \$20.00 USD (no IOS membership required)

Single day conference registration: \$125.00 USD (10/19, 10/20, or 10/21; Gala Dinner not included in single day registration; no IOS membership required) Gala Dinner only: \$60.00 USD (no IOS membership required)

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INTERNATIONAL OAK SOCIETY CONFERENCE OCT 17, 2015 - OCT 23, 2015



Room(s) available at this hotel

HYATT HYATT LISLE near Napervile (1400 Corporetum Drive, Usie, L 50532, UNITED STATES Step Into distinguished luxury at Hyatt Lisle, Discover a refreshing suburban re More details >		HYATT LISLE Neter Addressed MAKE A RESERVATION FIND			
				Check In: Check Out Nights	sat, oct 17, 2015 thu, oct 22, 2015 5
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