

REQUEST FOR QUOTATION

QUOTES MUST BE RECEIVED BY:
2:00 PM on Monday, January 29th, 2024

E-mail to: malbrect@cityoframsey.com

Mariah Albrect

763-433-9820

**Provide and Plant 52 B & B Trees, 109 #5 Container Shrubs with
Corresponding Design-build Irrigation System.**

~Central Park~

Median Landscape Improvements, Project #24-50



PROPOSAL SPECIFICATIONS

Provide and plant trees and shrubs, and provide and install irrigation system as follows:

I/We agree to furnish all trees, materials, labor and incidentals to perform the work below.

- Mobilization, deliver and plant, B & B trees and shrubs in a pattern as depicted in the enclosed exhibit on page 7.
- A mandatory pre-construction meeting shall occur at the job with the City and the Contractor's on-site supervisor.
- Each tree shall have no less than ½ cubic yard 'Plaisted's Growers Mix' incorporated into the parent soil immediately surrounding each tree, at a rate of 25% Plaisted's soil to 75% native or parent soil. A similar ratio of growers mix shall be incorporated into the shrub plantings as well, with the minimum amount of trucked in soil estimated at 20 cubic yards. Contractor may have to truck away excess soil from the planting holes.
- All trees shall be staked, flagged or paint-located in the medians, by the contractor, and then verified/approved by a City representative.
- Trees and shrubs shall be thoroughly watered-in upon planting, and kept sufficiently moist by the Contractor until acceptance of the irrigation system by the City.
- Trees shall be individually approved for planting on site by the City upon visual inspection – no park grade trees permitted, nor any defects in the trunk, crown or rooting structures will be approved. The American Nurseryman's Standards shall be the minimum standards for grading, measurements and determining appropriate form for trees and shrubs.
- The root flare shall be properly located level with the adjoining ground level. See exhibit on page 7 to accommodate this measurement for trees planted on slopes within the median
- After the correct placement and planting depth is approved by the city representative for all trees and shrubs, approximately 2" of Coco Brown or 'mink mulch' wood chips shall be placed uniformly within the medians – with no wood chips 'banked' against the trunk or stem of any plant.
- All trees and shrubs shall be warranted until July 1st 2025, and a 5% retainage shall be held by the City until that date.

- Trees to include; **12 Swamp White Oak** 2.5" BB, **28 Clump Form River Birch** 12' BB, **12 Tamarack** 6' BB.
- Shrubs to include; **65 Low Grow Sumac** #5 Container Grown, **44 Artic Fire Dogwood** #5 Container Grown.
- Site preparation to include cutting and removing a circular disc of existing erosion control fabric for each tree and shrub, and the application of Preen over the entire medians before the placement of the woodchips.
- Mulch to be an estimated 80 cubic yards of Coco Brown wood chips (2" thick coverage).
- This Request for Quotation shall be a not-to-exceed, lump sum amount, for the irrigation component, and numbers of trees and shrubs to be planted. If upon field staking in the medians, it is determined that the tree and shrub count can not 'fit', the tree(s)/shrubs shall be planted by the Contractor elsewhere in the park, without the corresponding irrigation component. The Contractor must include within his/her quote any time or materials necessary and incidental to complete the work in a professional and quality manner. **There will be no Change Orders.**
- Key points of the design-build irrigation are noted below. All irrigation components shall be staked or located for field verification and approval by the City.
- The irrigation main line is in place and consists of a 2" PVC pressurized pipe approximately 4' to 6' west of the north/south driveway. Two, 2" 'T's shall be placed into this main line, one for each median and routed with the new wires (+/- 100' feet) into existing sleeves to and within the medians. The new 2" PVC pipe shall be terminated at two (2), 1 ½ inch Hunter valves in each median (four new valves).
- From the four new valves, 1 ¼ poly pipe shall be ran to the center point of each of the four existing long runs of 1" poly pipe that the individual sprays shall be attached to, for uniform pressure.
- Add approximately 700' feet of 13 strand, 14 gauge wire from warming house to beyond the median to the existing drinking fountain.
- Install new, 24 zone Weathermatic controller in the warming house utility room and connect to the existing zones and four (4) new valves.
- Medians shall have one zone of 12' Hunter Pros-04 spray heads (26) on each side, back of curb for a total of 104 new spray heads for both medians.

- Each zone and the controller shall be grounded pursuant to valve and controller manufactures specifications.
- Each valve shall be in a green, irrigation box blocked and secured to industry standards. Valve boxes may be two, 12x17 boxes that is 6" deep, with the bottom box cut around the pipes and a second box to bring it to grade – or a single 12x17 box that is 12" deep.
- Existing zone valve #7 shall be removed and capped.
- The contractor shall work with the City to program the new controller and ensure each preexisting valve is properly connected and operational, following the new irrigation component's installation.

Award and Selection Process:

The City (Owner) *anticipates* award of landscape and irrigation project the day following City Council approval on February 13th, 2024. The city will award the project to the most responsible proposer.

Right to Reject Quotes:

The City of Ramsey reserves the right to award or reject any and all proposals in whole or in part, and to waive any informality or technical defects, in the City's judgment.

Work and Staging Areas:

Confine work activities to the parking lot area and protect the bituminous surface areas and pavement markings from marring. Contactor is responsible for protecting concrete and pavement edges from breaking and damage. No mechanized equipment shall be left overnight at the park (unless fenced), and no construction activity shall be performed before 7 AM nor after 4 PM Monday through Saturday. The contractor shall provide 72 hour advance notice before working on Saturday. City Council approval may be required for Sunday work.

A special dumpster is not anticipated to be needed on site, and no construction related disposal is to be placed in the trash receptacles at the park. Contractor may dispose of any project refuse in the dumpster at Public Works, 14199 Jasper Street.

Storage of Materials on Site or Off-site:

Contractor shall not store materials on-site (E.g. wood chips or growers mix) unless expressly approved by the City. Storage of materials is to be confined to areas designated by the City if any. City will not sign for, or be responsible for, materials delivered to the site.

Schedule:

A schedule for the work shall be submitted to the City upon notification to the Contractor that they have been awarded the job. Once work has commenced, the Contractor shall continuously pursue completion in accordance with the approved schedule. The City shall apply herbicide in the early Spring to any green and growing weeds in the medians to prepare the site for planting, a repeat spot spraying may be necessary. The planting (not the irrigation work) shall not occur within 14 days of the herbicide treatment. It is the responsibility of the Contractor to coordinate the planting time accordingly.

Liquidated Damages:

Liquidated damages shall be deducted from the approved quoted amount, in a sum of \$100 dollars per weekday (M-F) for non-completion after May 15th, 2024.

License and Insurance:

By submitting a proposal, the Contractor affirms they shall maintain the following minimum insurance coverage while completing their work as related to this RFP in the following amounts: Commercial General Liability \$1,000,000 per occurrence (written on an occurrence based form bodily injury and property damage); automobile liability \$1,000,000 per occurrence (including hired & non-owned bodily injury and property damage).

The City of Ramsey shall be named as an additional insured on the Commercial General Liability insurance. Certificates of Insurance for all of the above insurance shall be filed with the City prior to the work. The Contractor also affirms they shall be licensed to perform the work in the State of Minnesota, and the work shall comply with all state and local laws.

Payment:

Payment will be made upon submittal of an invoice to the City on a net 30-day basis following City acceptance of the work (there will be no partial payments, nor change orders). An IC 134 form may be required prior to final payment.

Proposal(s) Duration:

The Contractor in submitting their proposal, acknowledges the amount shall be honored for a period of 90 days from the date of submission.

Warranty/Guarantee:

The Contractor warrants and guarantees to the Owner that all Work will be of good quality and free from faults or defects until July 1st 2025 in accordance with this RFQ. All defective Work may be rejected.

If required by the Owner, prior to payment, the Contractor will promptly without cost to the Owner, correct defective Work, or replace it with non-defective Work. If the Contractor does not correct such defective Work or remove and replace within a reasonable time, the Owner may have the deficiency corrected or the rejected Work removed and replaced. All direct or indirect costs of such correction or removal and replacement, including compensation for additional professional services shall be paid by the Contractor, or deducted by the Owner, all such costs from the quoted contract price.

If, instead of requiring correction or removal and replacement of defective Work, the Owner (prior to approval of final payment) prefers to accept it, they may do so. In such case, if the acceptance occurs prior to payment, a Statement shall be issued incorporating the necessary revisions, including appropriate reductions in Contract Price.

Specification References:

- Minimum of 20 CY Plaisted's Grower's Mix

<https://plaistedcompanies.com/horticultural-mixes/>



P.O. Box 332 • 11555 205th Avenue NW • Elk River, MN 55330 U.S.A.
www.plaistedcompanies.com
Tel 763.441.1100 • Fax 763.441.7782

Tree planting detail

THE PLANTING DEPTH OF EACH TREE WILL BE INSPECTED. ANY TREE PLANTED TOO DEEPLY OR WITH 1ST PRIMARY ROOTS BURIED WILL BE REJECTED.

1. ALL TREES TO BE PREMIUM QUALITY, NO "PARK GRADE" TREES ARE PERMITTED.
2. AFTER INSTALLATION, TRIM OUT DEADWOOD AND/OR DEFORMED TWIGS. DO NOT CUT LEADER.
3. AMENDED SOIL SHALL CONTAIN 5% ORGANIC MATTER BY VOLUME.
4. DIAMETER OF HOLE SHALL BE 1-2" LARGER THAN THE DIAMETER OF THE ROOTBALL OR ROOT MASS.
5. ORGANIC MATTER SHALL NOT BE BANKED AGAINST THE STEM OR TRUNK OF THE TREE.
6. TREE SHALL NOT BE STAKED UNLESS IT IS ABSOLUTELY NECESSARY TO DO SO.
7. ALL TAGS, BANDS, AND WIRES SHALL BE REMOVED FROM THE TREE IMMEDIATELY AFTER PLANTING.
8. THE TREE SHALL BE WATERED AS NECESSARY TO PREVENT WILTING AND PROMOTE GROWTH.
9. A PHOTO DEGRADEABLE TREE TUBE OR EQUIVALENT SHALL BE INSTALLED AROUND ALL NEWLY PLANTED TREES.
10. PULL BURLAP AWAY FROM TREE STEM.
11. STAKES AND GUY WIRES MANDATORY ONLY FOR B&B TREES WITH 4" CALIPER OR GREATER, ALL WIND PRONE SITES AND ALL BARE ROOT TREES.
12. COORDINATE STAKING TO INSURE UNIFORM ORIENTATION OF GUY WIRES AND STAKES, IF NECESSARY.
13. REMOVE SOIL FROM TOP OF ROOT BALL TO EXPOSE TOP OF 1ST SET OF PRIMARY ROOTS. 1ST SET OF PRIMARY ROOTS ARE AT FINISHED GRADE.
14. AFTER SETTING ROOT BALL IN PIT, BACKFILL TO WITHIN 12" OF TOP OF ROOT BALL, AND WATER IN. CUT AND REMOVE TO BACKFILL LINE ALL TWINE AND/OR BURLAP. BACK FILL UNTILL PIT IS FULL, WATER AGAIN. PULL EXCESSIVE SOIL OFF THE TOP OF BRANCH ROOT SYSTEM. IF SOIL IN ROOT BALL IS THE CONSISTENCY OF OATMEAL DUE TO EXCESSIVE HANDLING, CONTRACTOR SHALL STAKE THE TREE.
15. SHREDDED HARDWOOD MULCH - 1-4" DEPTH, 5' DIAMETER. PULL AWAY FROM TRUNK OF TREE.
16. BACKFILL WITH 1/2 NATIVE SOILS AND 1/2 PLANTING SOIL. MIX THOROUGHLY. SEE SPEC.
17. GUY ASSEMBLY: 16" POLYPROPYLENE OR POLYETHYLENE(40 MIL) 1 1/2 WIDE STRIP- (TYP) DOUBLE STRAND 14 GA WIRE & 3 STEEL STAKES OR SIGN POSTS@ 120 DEGREE O.C..
18. GUY ASSEMBLY OPTIONAL BUT CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR MAINTAINING TREE IN A PLUMB POSITION FOR THE DURATION OF THE GUARANTEE PERIOD.

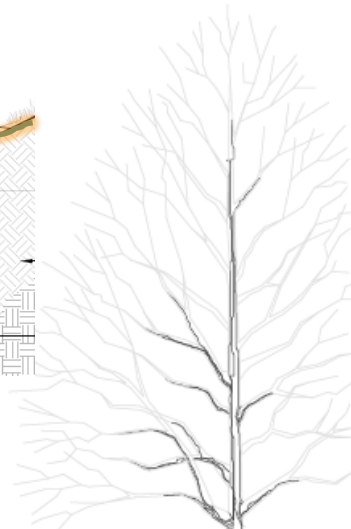
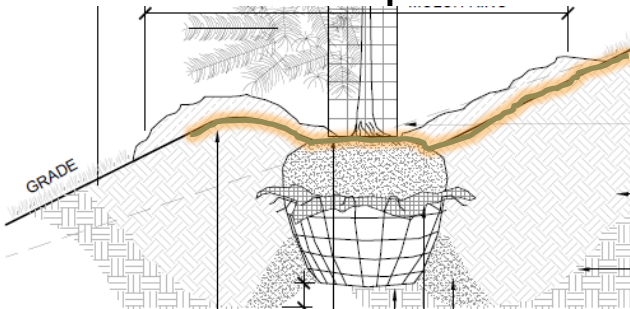
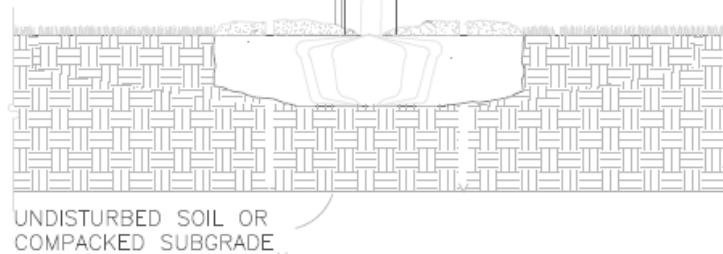
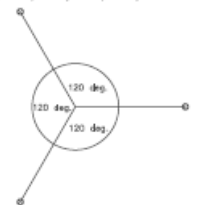


PHOTO DEGRADEABLE TREE TUBE STURDY STAKE



SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING

SEE NOTES:
6,11,12,14,17,18



APPROVED:
5 - 1997

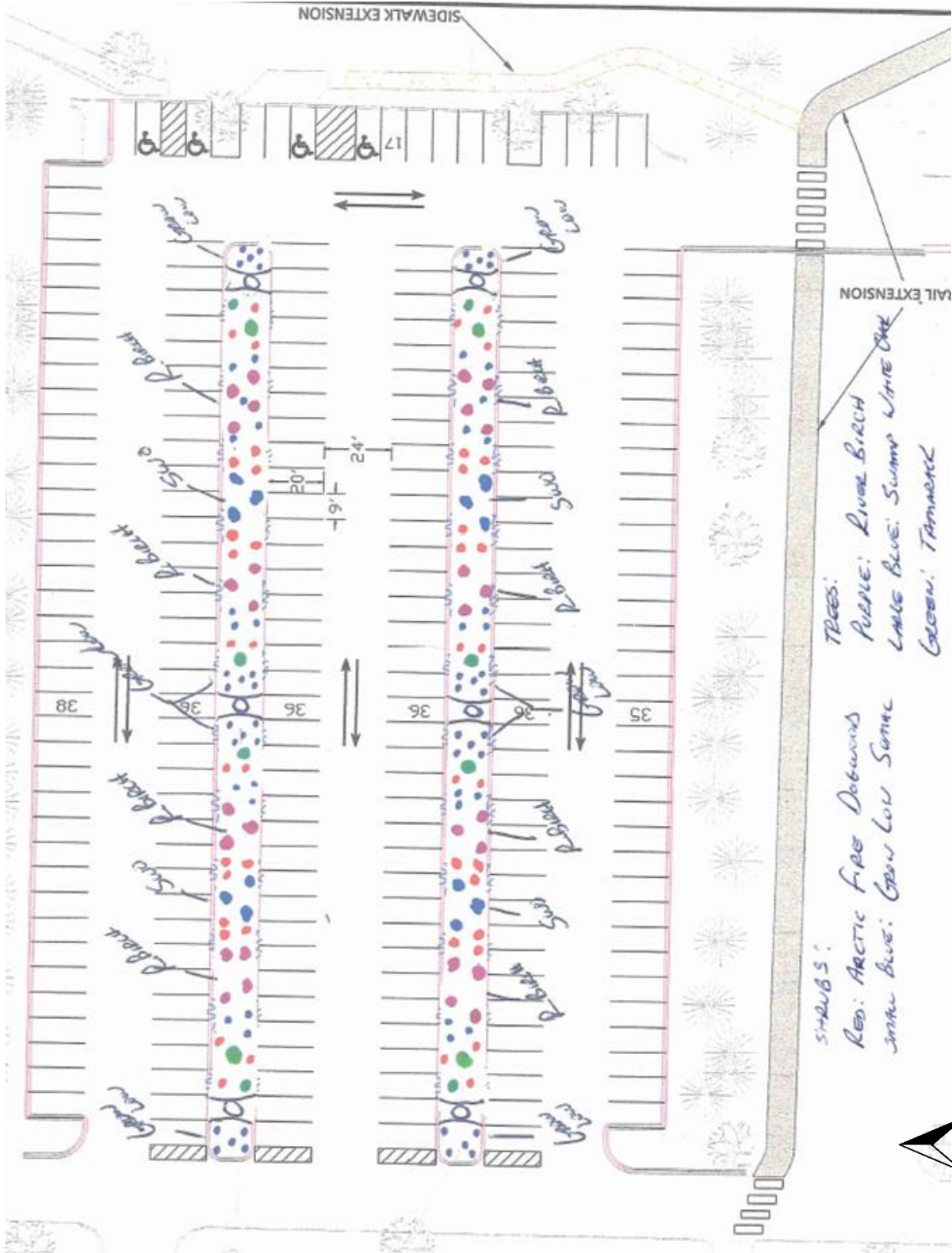


STANDARD DETAILS:
TREE PLANTING

CITY PLATE No.

PARK-2

Plant placement schematic



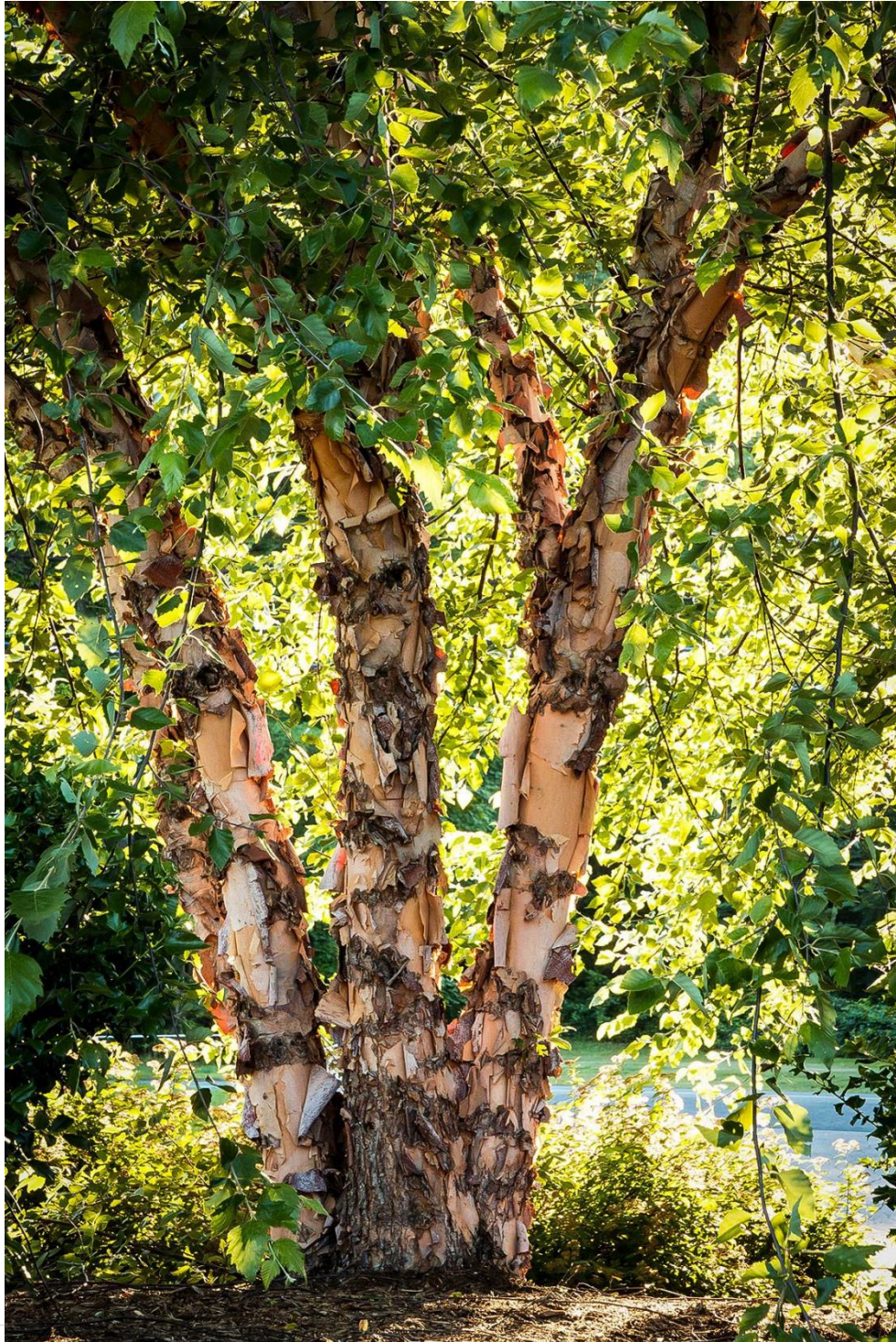
Existing Conditions







River Birch
(28, 12' BB)



River birch (*Betula nigra*)



Click on the images help you identify an River birch.



Form

Height 40' to 60' with a diameter of up to 24"; a mature tree usually has a short trunk that divides into several large ascending limbs that compose an open, irregular crown of slender drooping branchlets.

Bark

Dark brown at base of old trunks, deeply furrowed; higher up on main stem and on larger branches, becomes lustrous reddish brown; peels more or less freely; twigs, reddish color with white dots (lenticels).

Leaf

Simple, alternate on stem, length 1-1/2" to 3"; more or less triangular with double-toothed edges; upper surface dark green, lower surface pale yellow green; turns yellow in autumn.

Fruit (seed)

Winged nutlets densely crowded into a cone-shaped catkin about 1" long; ripens in late spring or early summer.

Range

Grows along rich bottom lands of streams and rivers in the southeastern corner of the state, especially in the Mississippi and Root River valleys; common along Mississippi River as far as Wabasha County; also reported near Mankato; shade intolerant, moderately fast growing.

Wood uses

Swamp White Oak
(12, 2.5" BB)



Swamp white oak (*Quercus bicolor*)



Click on the images help you identify an Swamp white oak.



Form

Height may reach 65' with a diameter of up to 36"; narrow, rounded top, open crown; the upper trunk is often fringed with short drooping branches.

Bark

Thick, deeply and irregularly divided by fissures into broad ridges; grayish brown; bark on twigs ragged and often peeling.

Leaf

Simple, alternate on stem, length 5" to 6"; often crowded toward ends of twigs; broad at middle (pear shaped) and wedge shaped at base; wavy and indented along margins; dark green and shiny above, grayish and fuzzy beneath; turns brown in autumn.

Fruit (seed)

Nut or acorn, length about 1"; enclosed for about one-third of its length in a thick, narrow cup; usually in pairs on slender dark brown stalks that are 2" to 4" long.

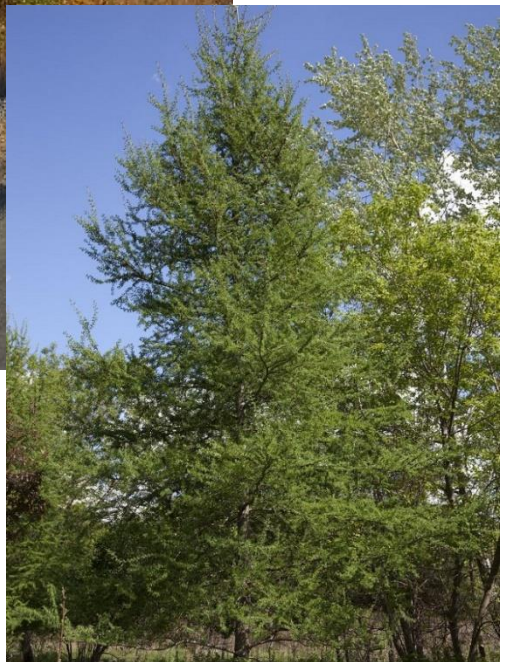
Range

Common in river bottoms in the extreme southeastern corner of the state and in the southern part of the Minnesota River Valley; rarely grows as far north as St. Paul; requires moist soil as name implies; moderately shade tolerant, slow growing.

Wood uses

Light brown, hard, strong, tough, and durable; used for railway ties, barrels, mine

Tamarack
(12, 6' BB)



Tamarack (*Larix laricina*)



Click on the images help you identify an Tamarack.



Form

Straight, upright trunk extending to top of tree; spreading or ascending branches; height 40' to 70', diameter 14" to 24". Large trees are rare because most old specimens were killed years ago by the larch sawfly.

Bark

Rough with thin, reddish brown scales. Twigs are light brown and covered with numerous tiny spurs or short branches.

Leaf

Needlelike, flat, soft, slender, length about 1"; borne in clusters on spurlike branches and distributed singly on terminal shoots; bright green in spring, turning dull yellow in September or October just before falling. Tamarack is the only conifer in Minnesota that sheds all its leaves each fall.

Fruit (seed)

Young cones red or greenish, mature cones light brown; 3/4" long; nearly spherical; open in the fall to release small winged seeds. Cones often remain on trees several years.

Range

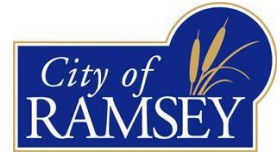
Found chiefly in the swamps in the coniferous forest region of northern Minnesota; occasionally found in drier localities where it reaches larger size; also found southward scattered in cold swamps throughout the hardwood region as far south as the Twin Cities; shade intolerant.

Arctic Fire Dogwood
(44, #5 container grown)



Grow Low Sumac
(65, #5 container grown)





Provide and Plant 52 B & B Trees, 109 #5 Container Shrubs with corresponding Design-build Irrigation System for Central Park

Lump Sum Landscape and Irrigation \$ _____.

In submitting the above quote, I/We warrant the quote valid for work to be completed May 15th, 2024. (Bidders need only to submit this page, not the entire RFQ.)

Additionally, I/we acknowledge the specifications and provisions above.

Contractor name _____

Owner or representative _____

Signature _____

Phone(s) _____

E-mail _____