



PROJECT DESCRIPTION

Tree Inventory Services

PlanIT Geo (PG) will create a customized TreePlotter application with defined fields and values listed below to inventory/assess approximately 4,000 trees for the City of Douglas, WY. PlanIT Geo will work with City of Douglas, WY staff to determine the target areas for this inventory and the criteria for and count of trees added to the inventory. PG will facilitate communication on a weekly basis at a minimum to assure both parties are informed on work completed, upcoming schedules, and any questions that arise from the field.

PlanIT Geo's recommended fields for data collection:

- Unique ID number
- Address
- Latitude and Longitude
- Growing space
- Land use
- Common and scientific names
- Diameter at breast height (DBH) taken at 4.5 feet above grade
- General observations and defects
- Status (Alive, dead, planting site)
- Number of stems
- Condition (Excellent, Good, Fair, Poor, Dead)
- Recommended maintenance/tree work with priority rating
- Clearance conflicts
- Overhead utilities
- Date recorded/ modified
- User
- Last modified user
- Date added
- Last modified date

**Additional fields may be added after initial consultations and may affect the unit pricing



DATA DELIVERY

PlanIT Geo will deliver all tree inventory data in ESRI Shapefile and CSV formats. Files will contain full metadata references and can be projected to desired coordinates. All data is free to export at any time from TreePlotter.

TREE INVENTORY TERMS AND CONDITIONS

PlanIT Geo will work with City of Douglas, WY to confirm the locations and boundaries for data collection, identify schedules and consultations, provide an overview of the tree data collection process, determine communication methods and exchange contact information, and be briefed on safety procedures and protocols.

PlanIT Geo will adhere to all safety and ISA standards during the project. At any time during the project, City of Douglas, WY staff can access and export the tree inventory data. Project completion will be determined after the data has been reviewed and delivered in ESRI Shapefile, CSV, and map formats.

Quotation

Exp. Date:

03 / 15 / 2024

Prepared for:

City of Douglas, WY
Brandon Frye

INVENTORY SERVICES	QTY	PRICE	SUBTOTAL
Base Tree Inventory Inventory and Assessment of all City of Douglas' trees. Price includes travel, per-diem, and all overhead costs.	4000	\$5.00	\$20,000.00
Inventory of Planting Sites PlanIT Geo staff will work with city staff to determine criteria and locations for data collection. No tree species recommendations will be made, only geo-locating and verifying quality of site.	400	\$2.00	\$800.00
<input checked="" type="checkbox"/> Add Basic Level 2 Risk Assessment (optional) Risk Assessment is a framework by which arborists can categorize a tree with a low, medium or high risk rating. This is important information to help prioritize tree work and tree care after the inventory.	4000	\$1.00	\$4,000.00
TreePlotter Inventory - 3 month Trial •Core functionality •Unlimited Users •Data Field Editor •Photo attach •Basic Risk Assessment	1	\$0.00	\$0.00
			\$24,800.00



TREE INVENTORY SUMMARY REPORT	PRICE
<p>We propose summarizing the completed tree inventory into a report to assess and report on the current condition of the city's urban forest condition. This proposal aims to provide valuable insights into the existing tree diversity, size distribution, and overall tree conditions. By implementing this project, we can effectively manage and preserve the urban forest while ensuring the well-being, safety, condition and aesthetic appeal of the arboretum. Tree Inventory Summary:</p> <ol style="list-style-type: none">1. The initial phase of this proposal involves conducting a thorough tree inventory to evaluate the current state of the urban forest. This summary will provide an overview of the inventory results, including species diversity, size distribution, and tree conditions. By analyzing this data, we can gain valuable insights into the existing tree population, identify any potential risks or concerns, and prioritize maintenance efforts accordingly. <p>Inventory Results and Recommended Maintenance:</p> <ol style="list-style-type: none">1. A detailed analysis will be conducted to evaluate the tree diversity and composition, as well as the size distribution within the urban forest. This assessment will shed light on the overall health and vitality of the trees. The inventory results will also highlight any recommended maintenance actions to ensure the long-term sustainability of the urban forest. These recommendations will cover aspects such as pruning, disease control, and other essential practices that will help optimize the tree conditions and promote a thriving urban ecosystem.	<p>\$4,000.00</p>

Total for Inventory with level 2 risk assessment and Summary report: \$28,800



Payment

Note: These payment terms will be amended based on PlanIT Geo's review and approval of the City of Douglas, Wyoming's contract.

Tree Inventory: Invoices will be sent monthly for the exact number of trees collected during that time period.

Net 30-day terms.

Checks payable to:

PlanIT Geo INC

P.O. Box 1334

Wheat Ridge, Colorado 80034

City of Douglas, WY

Disclaimer: Inventory data provided by PlanIT Geo, Inc., referred to herein as "PlanIT Geo", is based on visual recording of observations and measurements at the time of the inspections. All information and data fields populated as a part of this tree inventory are for the purpose of assisting municipalities or private entities in maintenance needs, removal, and replacement of their managed trees. Recommendations provided by PlanIT Geo may be accepted or disregarded by the town and/or client or the town and/or client may seek additional advice. Visual records do not include testing or analysis of any tree component. In no event shall PlanIT Geo be held liable for any special, direct, indirect, consequential, or incidental damages caused by tree failures whatsoever and PlanIT Geo is not responsible for any hidden or otherwise non-observable hazards discovered or identified. All risk assessments performed by PlanIT Geo's Certified Arborists assume a 1-year timeframe for the assessed tree part for failure. All immediate concerns are passed on to the client indirectly through the live webmap (TreePlotter: Inventory), or directly through communication from PlanIT Geo's Certified Arborists or project managers. It is recommended that each tree be reinspected within the 1-year time frame to update the likelihood of failure matrices. Storms or other Acts of God change the structural stability of trees and all trees surveyed prior to the event will need to be re-evaluated. Also, the dynamics of inventoried trees may result in data that varies from the current condition or characteristics observed in the field due to deterioration and/or growth of living specimens in a natural environment. All previous data populated by PlanIT Geo staff can be considered out of date upon revisiting and re-evaluating the initially inventoried trees. PlanIT Geo provides no warranty regarding the function, health, or use of the urban and community forest for any purpose.