**GREEN CITY** SOLUTIONS

Sender:
Green City Solutions GmbH – EUREF-Campus 7-8, 10829 Berlin

**Receiver:**

**Green City Solutions GmbH**

Email:   info@mygcs.de
Web:    http://getacitytree.com/

Date: Berlin, 06.12.2016

**Informal Quote**

Dear Ms/Mr,

Thanks for your interests in our services. We are pleased to submit the following offer:

**Assets of the CityTree**

The CityTree is a customized solution for urban areas with a strong functional and aesthetical focus. It is a combination of a special planting containing moss and vascular plant species with IoT - Technologies. Through the work with open data and collection of environmental data by the unit itself, the CityTree can create new data sets which can inform about the ambient air quality and the impact of an installed CityTree. The results can be shown on screens directly on the CityTree, on a website or through an application on several devices.

**Our technology features:**

- **The hydroponic system allows cooling of the immediate surrounding of up to 17°C/Kelvin.**
- **The plants allow to reduce NO2 und Fine Dust of up to 30%**
- **Our product has been developed under the strong criteria of sustainability such as all its parts can be separated and recycled.**
- **Binding of up to 240t of CO2e per CityTree annually, as high amounts of black carbon (BC) are bound.**
- **To be used as OpenData-Sensor and WIFI-Platform**
- **Environmental and climate change adaptation education**
- **Greening of sealed areas and increasing biodiversity**

With the implementation of logos, code of arms and letters can be visualized and thus create a unique form of advertisement. A QR-Code or the use of modern technologies such as iBeacon can even create a bridge to the virtual world. The light and sophisticated design ensures a perfect integration into the existing cityscape and with the small footprint the CityTree can be placed almost everywhere. The main objective is

to lower the carbon footprint, improve the air quality and climate of the selected area. Additionally, the product hosts a variety of different plants that attract insects and other small animals so that the biodiversity is increased.

Our product is especially effective in combatting so-called heat islands within the cities. With the increasing temperatures caused by the climate change and consequently increasing numbers of tropical nights, the cooling of hot spots becomes even more important to improve the quality of life in cities

**The offered CityTree has following features:**

- Dimensions: 4m high, 3m wide and 2,2m total depth
- Planting with selected species as described in section 2
- Wooden bench on both sides
- 2 sides with 8.41m² greenery each
- Automated irrigation system
- Water tank
- Solar panel
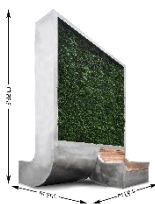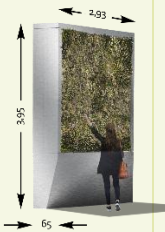- Protection foil (with information about how the CityTree works)

**Services:**

- Maintenance:
  The maintenance is easy to handle and with the help of the sensor technology the CityTree takes care of itself. By sending a mail to the service partner the CityTree informs about the next caretaking like watering the tank or cutting the plants. The costs over a year are 2.500,00 € per unit.
- Data usage:
  We can offer to provide you with the generated data sets. The sets for air quality measurement and performance measures are offered for 200, 00 € per month per unit.

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Commerzbank
IBAN: DE38 8504 0000 0211 6770 00
BIC:   COBADEFFXXX
Ust.ID-Nr.: DE294780624

**Financing:**

- CityTrees can be offered in a package with fully automated irrigation system, solar panel and an integrated water tank. Therefore, the CityTree can almost self-sufficient.  We would like to offer you following quote:

| Description of Services | Single price in € | Amount | Unit | Total price in € |
|---|---|---|---|---|
| **Product** | | | | |
| CityTree as innovative Biofilter<br>Includes:<br>Basic sensor package for autarchy, bench, standard-combi-planting out of moss and plants, covering out of design aluminium<br>Transport and assembly | 24.750,00 | 1 | pcs. | 24.750,00 |
| CityTree as innovative Biofilter „Slim"<br>Includes:<br>Basic sensor package for autarchy, bench, standard-combi-planting out of moss and plants, no bench, installed on a steal plate or foundation (excl.)<br>covering out of design aluminium<br>Transport and assembly | 23.500,00 | 1 | pcs. | 23.500,00 |
| **Optional packages** | | | | |
| Vandalism protection: | | | | |
| Plant protection system | 995,00 | 1 | pcs. | 995,00 |
| Autarcy package for independent placing: | | | | |
| Solar panel | 650,00 | 1 | pcs. | 650,00 |
| integrated water tank | 945,00 | 1 | pcs. | 945,00 |
| Foil package for Information and Marketing: | | | | |
| Information foil on the side (170,00 x 65,00 cm) | 1.121,00 | 1 | pcs. | 1.121,00 |
| Information foil on all surfaces | 2.600,00 | 1 | pcs. | 2.600,00 |
| Painting in RAL-colors | 2.750,00 | 1 | pcs. | 2.750,00 |
| Digital package for Data analysis: | | | | |
| Sensor package with<br>battery status, pump pressure, water tank sensor, humidity sensor, weather sensors | 1.579,00 | 1 | pcs. | 1.579,00 |
| Environmental data analysis with air quality measurement and analysis | 2.895,00 | 1 | pcs. | 2.895,00 |

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| Entertainment package for digital access and visualizing of the environmental impact: | | | | |
|---|---|---|---|---|
| integrated WIFI-access for Internet usage (excluding data fee) | 749,00 | 1 | pcs. | 749,00 |
| iBeacon-Service | 455,00 | 1 | pcs. | 455,00 |
| Outdoor LED-Screen for presentations, videos, climate data | 6.900,00 | 1 | pcs. | 6.900,00 |
| All prices are net. Prices may vary due to project. The offer is valid for four weeks. | | | | |

Rental

| Description of Services | Single price in € | Amount | Unit | Total price in € |
|---|---|---|---|---|
| **Product** | | | | |
| CityTree as innovative Biofilter<br>Includes:<br>Basic sensor package for autarchy, bench,<br>standard-combi-planting out of moss and plants,<br>covering out of design aluminium<br>Transport and assembly | | | | |
| Rental for one week: | 5.750,00 | per | week | |
| | | | | |
| | | | | |
| Monthly rent (depending on contract term): | | | | |
| 1 month | 8.740,00 | per | month | |
| 2 month | 6.650,00 | per | month | |
| 3 month | 4.600,00 | per | month | |
| 4 month | 3.650,00 | per | month | |
| 5 month | 3.220,00 | per | month | |
| 6 month | 2.875,00 | per | month | |
| 7 month | 2.760,00 | per | month | |
| 8 month | 2.645,00 | per | month | |
| 9 month | 2.530,00 | per | month | |
| 10 month | 2.415,00 | per | month | |
| 11 month | 2.300,00 | per | month | |
| 12 month | 2.120,00 | per | month | |
| 24 month | 1.875,00 | per | month | |
| 36 month | 1.575,00 | per | month | |
| 48 month | 1.350,00 | per | month | |
| All prices are net. Prices may vary due to project. The offer is valid for four weeks. | | | | |

We can offer the following price graduation:

If you would order more than three CityTrees, the single unit price is reduced by 5%. Ordering more than 10 CityTrees the single unit price is reduced by 10%.

Payment and delivery

Purchase:
The payment would be splitted in two sub-rates. 60% are due to procurement and the beginning of the production, the payment of the final sub rate is due to delivery, each 10 days after the invoice receipt.

Rental fee:
Rental payments are due on the 1st day of the new month.

The delivery times are 8-10 weeks from signing the contract.

We hope the offer matches your requirements and we are looking forward to get your feedback.

Kind regards

Peter Sänger
Co-founder & Managing Director Green City Solutions