|             |  | Rand Price  |          |                  |
|-------------|--|---|----------|------------------|
| Туре        | Package/Module   | Description   | Annual** | Perpetual V. 6** |
|             |  | Single User Licences  |          |                  |
|             |  | Purchase DesignBuilder Packages for a Single User   |          |                  |
| Single User | Architectural Essentials                               | Simulation, Visualisation & Daylighting (Sufficient for most Part XA assessments)   | R 14 590 | R 26 120         |
| Single User | Architectural Plus                                     | Simulation, Visualisation, Daylighting, Cost & Optimisation   | R 21 510 | R 43 030         |
| Single User | Engineering Essentials                                 | Simulation, Visualisation, Daylighting, Cost, HVAC & LEED   | R 21 510 | R 43 030         |
| Single User | Engineering Plus                                       | Simulation, Visualisation, Daylighting, Cost, HVAC, LEED, Optimisation & Scripting  | R 30 740 | R 59 950         |
| Single User | Engineering Pro  | Simulation, Visualisation, Daylighting, Cost, HVAC, LEED, Optimisation, Scripting & CFD   | R 49 180 | R 87 620         |
| Single User | Engineering <b>Pro</b> (Student Personal Licence only) | Simulation, Visualisation, Daylighting, Cost, HVAC, LEED, Optimisation, Scripting & CFD   | R 1 230  | (Annual only)    |
|             | ,,   |   |          |                  |
|             |  | Purchase DesignBuilder Modules for a Single User  |          |                  |
| Single User | Simulation   | EnergyPlus dynamic thermal simulation engine.   | R 10 750 | R 17 670         |
| Single User | Visualisation  | OpenGL 3-D Viewer, Shading, Reports   | R 4 290  | R 6 600          |
| Single User | Daylighting  | Radiance calculations and Reporting   | R 8 440  | R 13 830         |
| Single User | Cost   | Advanced financial analysis including LCC (SA cost & CO <sub>2</sub> databases not currently available. Utility & LCC require Simulation & HVAC modules. Cost-benefit optimisation requires Optimisation module.) | R 8 440  | R 13 830         |
| Single User | HVAC   | Detailed EnergyPlus HVAC simulations (requires Simulation module)   | R 8 440  | R 13 830         |
| Single User | Optimisation   | Advanced cost-benefit analysis (requires Simulation module. If using carbon and cost objective functions, also requires Cost module)  | R 10 750 | R 17 670         |
| Single User | CFD  | Computational Fluid Dynamics (to import boundary conditions from EnergyPlus, requires Simulation module)  | R 32 580 | R 53 180         |
| Single User | LEED   | LEED calculations (requires Simulation & HVAC modules. For complex tariffs, also requires Cost module)  | R 8 440  | R 13 830         |
| Single User | Scripting (EMS)  | Advanced EnergyPlus Customisation (requires Simulation module)  | R 8 440  | R 13 830         |
|             |  | Site & Seat (Network) Licences  |          |                  |
|             |  | Purchase a licence that can be shared on your Office Network  |          |                  |
| Network     | All  | Please contact Greenplan for details.   | POA      | POA              |

Note: Versions 3.1, 4 and 5 are certified with Agrement SA (V. 6 not certified yet)

Note: DesignBuilder does  ${f not}$  currently include South African  ${f CO_2}$  or cost databases.

\*\*Annual - An annual licence has to be renewed every year. Users are eligible for all upgrades on the modules that they have purchased, for free.

\*\*\*Perpetual - One-off licence - A perpetual licence is paid for only once. There is no additional or annual cost involved after the initial purchase. The user of a perpetual licence can download all upgrades within the same major release, for free. For instance, should you buy DesignBuilder V6.0, all subsequent V6.x upgrades of the modules you initially bought are available at no additional cost.

| Support          |                       |  |       |  |  |  |  |
|------------------|-----------------------|--|-------|--|--|--|--|
| Software support | 1 hour remote support | A typical support incident might use 20 minutes, in which case 1 hour would cover 3 incidents. | R 500 |  |  |  |  |

- Annual licences include remote technical support by Greenplan during office hours, for matters inherent to the software, free of charge within reasonable limits.
- Perpetual licences include remote technical support by Greenplan during office hours, for matters inherent to the software, free of charge for the first year after purchase, within reasonable limits.
- Exclusions: Design Builder Version 3.x, perpetual licence after its first year, any project-related modelling assistance, software installation support beyond the first eight hours per licence, all other support beyond the first two hours of an ncident and/or the first two hours per week per customer.

| Training                     |  |  |                 |  |  |  |
|------------------------------|--|--|-----------------|--|--|--|
| Туре                         | Description  | Requirements   | Cost per person |  |  |  |
| Basic Workshop<br>(2 Days)   | DesignBuilder Fundamentals   | No requirements - preferably architectural or engineering background   | R 6 000         |  |  |  |
| Advanced Training<br>(1 Day) | SANS 10400-XA  | Understanding of the SANS 10400-XA and SANS 204 Standards              | R 3 000         |  |  |  |
| Advanced Training<br>(1 Day) | Detailed HVAC  | DB Fundamentals workshop & preferably an <b>engineering</b> background | R 3 000         |  |  |  |
| Advanced Training<br>(1 Day) | Computational Fluid Dynamics (CFD)<br>and<br>Natural Ventilation Studies | DB Fundamentals workshop & preferably an <b>engineering</b> background | R 3 000         |  |  |  |
|                              |  | Discounted Training Offer  |                 |  |  |  |
|                              |  | R 7500   |                 |  |  |  |
|                              |  | R 10 000   |                 |  |  |  |
|                              |  | R 12 000   |                 |  |  |  |



This price list is valid until: Thursday, 31 December 2020 (inclusive)