Permaculture Farm Design WORKS QUOTATION/ CONTRACT

DATE: 9th March 2011 _QUOTE No. Q057/2011

CLIENT'S TRADE NAME: [redacted]

CLIENT'S FULL or LEGAL NAME: [redacted]

Phone: _Fax:

Mobile: _Email:

Billing Address: [redacted] _Physical Address: [redacted]

State: NSW Post-code: 2059 _State: NSW _Post-code:2622

DETAILS OF WORKS TO BE SUPPLIED. See page 2 & 3 for inclusions & exclusions.	QUANTITY	PRICE $ (Excl. GST)
1. Preliminary site research & data collation.	1	$3787.14
2. Analysis of soil & water. EAL - Southern Cross University.	1	$4229.10
3. Design of Water harvesting & storage system.	1	$5247.64
4. Main frame design - Fencing design / road & access design.	1	$2032.00
5. Design & specification of Arboricultural tree planting systems. Succession planting.	1	$2286.00
6. Incorporate animal management into permaculture design.	1	$2794.00
7. Supply of Plans & Documentation.	1	$6037.58

Bank Account Details for Payment:
Bendigo Bank: BSB [redacted] Acc [redacted]

TOTAL PRICE $ (Excl. GST)	$26,413.46
GST	$2641.34
TOTAL PRICE $ (Incl. GST)	$29,054.80

DELIVERY DATE: At your request.

PAYMENT TERMS ARE: 40% deposit on acceptance of quotation. Final 60% due on completion handover within 7 days. Item 2 Soil & water samples will be due on submission of samples to SCU Lismore, NSW-$4229.00. Invoice will be issued on samples being prepared for Post.

THIS QUOTATION REMAINS VALID FOR 30 DAYS FROM THE ABOVE DATE AFTER WHICH A REVISED QUOTE MAY BE NECESSARY. ANY VARIATION TO THE ABOVE QUANTITIES MAY RESULT IN A VARIATION TO THE QUOTED PRICE.

I accept this quotation and certify that the above information is true and correct. I have read and understand the TERMS AND CONDITIONS OF TRADE (overleaf or attached) of GLOBAL LAND REPAIR Pty Ltd which form part of, and are intended to be read in conjunction with this Quotation Form and agree to be bound by these conditions. I authorise the use of my personal information as detailed in the Privacy Act clause therein. ***I agree that if I am a director or a shareholder (owning at least 15% of the shares) of the Client I shall be personally liable for the performance of the Client's obligations under this contract.***

CONTRACTOR TO SIGN **CLIENT TO SIGN**

SIGNED: _SIGNED:

Name: [redacted] _Name:

Date: 09/03/11 _Date: DOB:

Global Land Repair Pty Ltd (incorporating "the plant pink system")
P.O. Box 659, FYSHWICK, ACT 2609, AUSTRALIA. Ph: [redacted]
Web: [redacted] Email: [redacted]

Inclusions:

1. Preliminary site research & data collation.

1.1 - Zone & Sector Analysis, climate data research.
1.2 - Zone and sector analysis is the primary energy-conserving placement pattern for the whole site. When we come to the actual site design, we have to take into account and pay close attention to locating components relative to energy sources of the site: energy on site, people, animals, wastes.
1.3 - Energy entering or flowing through the site: wind, water, sunlight and even fire. Also we need to define sectors for wildlife, temperature and air flows.
1.4 - Aspect in the design, Slope, aspect, elevation, and orientation.
1.5 - Detail, analyse and document information from Australian Bureau of Meteorology.
1.6 - The classification of the weather and climatic zones in the [redacted].
1.7 - Calculating average rainfall for the area x catchment x holding capacity of the current & retro planned dams & swales x evaporation over 12 months.
1.8 - Wind, planning and documentation of wind load and the evaporative capacity, how the incorporation of wind breaks will change and improve the microclimates throughout the farm.
1.9 - Report into native animals & plans that inhabit the site, including introduced pasture & weed species.

2. Analysis of soil and water.

2.1 - Site testing of soils and subsoil morphology, substrate type, reactive state. Prepare plan of site with soil overlays. Testing soil with auger holes, 300 – 600mm deep, taking soil samples and documenting soil composition and compaction layers.
2.2 - Test: Water analysis for Agricultural use SW-PACK-07 includes pH, EC, Total dissolved salts TDS, Water hardness, Total Alkalinity; Metals scans SW-PACK-06, Nitrate, Ammonia, Phosphate; Fecal coliforms.
2.3 - Test: Soil testing to bench mark future process of the research site: Routine Agricultural Soil Analysis - Australian Reams/Albrecht Testing; RA-PACK-01 includes pH and EC (1:5 water); Available calcium, Magnesium, Potassium, Ammonia, Nitrate, Phosphate, Sulphur; Organic Matter; Exchangeable sodium, Potassium, Calcium Magnesium, Hydrogen, Aluminum, CEC - Cation Exchange Capacity, Bray I and II Phosphorus, Available and extractable Phosphorus, Colwell Phosphorus, Available Micro Nutrient Zinc, Manganese, Iron, Copper, Boron, Silicon, Total C/N Carbon Nitrogen Ratio TC/TN; Colour and Texture.
2.4 - A total of 5 water tests and 17 soil test throughout the 173ac to set a bench mark to test against in the future. Inc: Postage & Freight of samples, Onsite collection, and testing by (EAL) Southern Cross Uni - Lismore NSW.

3. Design of water harvesting & storage systems – Swale & Dam Design.

3.1 - Collection of a large set of observations of the of the property, looking at natural features.
3.2 - Establishment of key point in the landscape to define design for movement water through the Paddocks.
3.3 - Site set out and survey of existing swales, retro fitting swale construction, dams and the suitability in relation to structures within the landscape.
3.4 - Detailed plans & illustrations for the construction retro fitting of swales & dams.
3.5 - Site soil testing and analysis around Swales & Dams to determine design and construction of swales systems.
3.6 - Design and application of Keyline design and deep ripping to the grazing paddocks to speed up pasture succession and soil carbon creation.

4. Main frame design – fencing design, access/road design.

4.1 - Design & locate animal watering sites for trough tanks, plumbing locations.
4.2 - Design and set out of all road and access according to the position of swales, drainage, camber of road, planting species to minimise maintenance and bank stabilisation. Surface type and compaction preparation and maintenance.
4.3 - The design, Construction and recommendations for fencing for a cattle property. Designing fencing on contour, access and cell grazing methods so that de-compaction ploughing can be carried out annually and on contour to maximum water harvesting and hydration. If designed incorrectly, cross drainage channels, pipes or rock-lined swales must be designed to carry water (and there maintenance).
4.4 - Design and location of cattle shelter, composting and fertility flows. Compost tea brewing facilities.

5. - Design & specification of Arboricultural tree planting systems. Succession planting.

5.1 - Develop and design tree planting systems (Silver culture) for: Water Conservation – Trees conserves soil moisture by reducing evaporation from the sun and wind. Erosion Control – Well designed systems incorporating diversity in planting species prevents the soil drying out and becoming less permeable to water penetration. Herbicide Elimination – With weed growth inhibited you can eliminate herbicide applications by cycling nutrients back into the ground through mulching.
5.2 - Species Selection: Planning and research of the climate around [redacted] area will determine the habit and vigor of local Species. Selection of large and fast growing for fuel wood or pole timber.
5.3 - Design and placement of tree systems in relation to soil type, nutrient flows and water availability.
5.4 - The design of tree systems with the integrated with animal systems.
5.5 - Analysis of species planting that will increase wildlife, birds, which will be important in controlling pest and disease on the farm through the introduction of diversity.
5.6 -Types of Trees and plants to consider: Bamboo, Aquatic and edge plants, Berry and fruit trees, Bee fodder trees species, Hedgerow species and conservation and reforestation trees.

6 - Incorporate animal management into permaculture designs.

6.1 - Holistic Grazing Planning, animal management and husbandry.
6.2 - Sustainable animal property design & cattle management planning
- Cattle property infrastructure-holistic framework
- Pasture paddocks , lane ways and holding yards planning.
- Grazing management, forage system and slow feeding systems

6.3 - Animal nutrition management-feeding & health.
- Alternative forage source selection and planning - Pasture/herb selection and planning.
- Cattle fodder crop selection and planning - Feeding evaluation, feeding cost analysis and recommendation.

7 - Supply of Plans & Documentation

7.1 - Large format and printing –
7.2 - Colour scanning and laminating –
7.3 - Preparation of documentation onto CD format –
7.4 - 4 days of labour for CAD drawing time –
7.5 - Data overlay –
7.6 - Transport & Admin with producing the plans & printing –
7.7 - Consultancy .
7.8 - Site visits - including travel and time on site.
7.9 - Full costing and budget breakdown on the construction implementation of the final design.

Exclusions:

What is a Prime cost Item?
A Prime Cost (PC) item is an allowance in the contract for fixtures and items that the owner is to select after the contract has been signed. This may include types of specific trees..

What is a Provisional Sum Item?
A Provisional Sum (PS) item is generally included in the contract in circumstances where the contractor is unable to give a definite price for aspects of the work and where the owner is still to make some choices about the items and work to be done.