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May 22, 2014

Dear Economist,

We are advertising for qualified persons to collaborate in the writing of a seminal paper for an international economics journal (printed or online). We are advertising with this open letter because of time constraints and our desire to include economists from various countries in this international project. The project has global scope with the proposed introduction of an innovative monetary instrument (macro-economic) that could be highly effective in mitigating climate change and evolving social cognition of monetary systems. The successful candidates are expected to collaborate and co-author a formal and concise description of the proposed economic instrument. The candidates' efforts will be rewarded with in-kind opportunities to further evolve the theory, contribute to a new narrative on climate change policy, and to be associated/involved with the project as it reaches its full potential.

We welcome your written (email) response to this letter.

Sincerely,

Jonathan Cloud (Executive Director, CRCS)



## REQUEST FOR PROPOSALS:

### Formal economic description of 'Complementary Currencies for Climate Change' (9 lots)

#### 1. Contract description

*Complementary Currencies for Climate Change* (4C) is an innovative macro-economic instrument that has a clear conceptual design and provides a solid framework for mitigating global greenhouse emissions. The policy involves the issuing of international digital currencies called '4C' to solve key social, economic and political problems of the climate crisis. A formal economic description of Global 4C theory is urgently needed in view of the limited time available for influencing policy negotiations under the UNFCCC Rio Conventions Calendar (2014 to 2017). The timing of the work should coordinate with our intended public announcement of the project in July-August 2014 during the final stages of the 'MIT Climate CoLab' competition and a press release. The co-authorship work (research) has been divided into nine (9) lots. The results of that work will be merged/edited into one or two journal publications in a collaborative fashion. Guidelines for co-authorship will be supplied. This guideline is designed to reward participation, productivity, and proficiency.

#### 2. Number and title of lots:

Lot 1                    Economist – Theory (1 Person) – International (*position vacant*)

Lots 2 and 3        Monetary Economists (2 Persons) – International (*positions vacant*)

Lots 4, 5 and 6    Resource Economists (3 Persons) – International (*2 positions vacant; 1 position filled*)

Lots 7, 8 and 9    Research Assistants (3 Persons) – *International (3 positions filled, not vacant anymore)*

#### 3. Remuneration:

The candidates should be willing to contribute to this Project for the common good. No budget is available to cover professional fees, however a community sponsor is providing money to help cover the cash expenses of the successful candidates. The amount that will be provided is \$200 USD per phase. Lot 1 covers two phases. Lots 2 to 6 occur in one phase. The expense claims will be paid upon completion.

The research assistants (Lots 7 to 9) will be remunerated under separate arrangements appropriate for post-graduate interns.

The Project has the potential to have high media profile because of its innovative use of currencies and its potential to strongly mitigate climate change. Successful candidates will be acknowledged as co-authors in future publications based on this work and given priority for future opportunities related to the Project after a suitable sponsor is found.

#### 4. Detailed description of the assignment

##### Lot 1 - Theoretical Framework:

Economist (1 Person) with strong analytical skills will receive the new economic instrument from the Client in the form of a draft report defining its conceptual basis and a preliminary mathematical model (a simple hypothetical example and analysis). The work will be completed in Phases 1 and 2.



Phase 1: The candidate is required to examine the instrument and make an inventory of existing economics theorems and formulas that describe the new economic instrument. The candidate will then devise a logical framework for defining and presenting the new instrument in general terms, and in a manner that will satisfy academic audiences. This work shall establish terminology that provides a sound foundation for future theoretical developments. The candidate shall list key theoretical conclusions, assumptions and limitations.

Phase 2: The candidate shall provide guidance to the researchers of Lots 2, 3, 4, 5 and 6. Phase 2 will start when Phase 1 has been reasonably concluded and accepted by the Client.

#### **Lots 2, 3, 4, and 6 – Examination and Elaboration of Theoretical Framework:**

Economists (5 Persons): Five Economists proficient in Monetary Economics and/or Resource Economics shall examine the logical framework provided by the Theoretical Economist (refer above) and will expand on the framework with written explanations and discussions. The works take place during Phase 2.

Each Economist may concentrate on specific sections of the work or may contribute to the whole work. The five Economists will work as a team with the Client and the Theoretical Economist. Submissions, reviews, and edits will be coordinated by the Client.

#### **Deliverables:**

A key objective is to complete a draft of a seminal paper that describes the economic instrument in its fundamental form, and to elaborate its potential use in mitigating climate change (i.e. Global 4C). The successful candidates will be expected to write, as a collaborative effort, the seminal paper to define the economic instrument. The instrument has three key parts that require description: (1) a monetary policy for controlled currency prices and the resulting price signal in the market place, (2) reward based incentive payments for productivity, and (3) administration of incentives and currencies.

The Client will finalize the paper(s) for publication. A set of guidelines will be provided (before starting work) as to ordering co-authors names on papers for publication. These guidelines are intended to reward the most proficient authors.

#### **5. Contracting authority, Client:**

Client: Jonathan Cloud (Executive Director); Center for Regenerative Community Solutions (501c3 Non-Profit); Basking Ridge, New Jersey, United States. [www.crcsolutions.org](http://www.crcsolutions.org)

Coordinator & Lead Author: Delton Chen Ph.D. Engineering, BE Civil

Co-Author: Sreekanth Venkataraman Ph.D. Env. Economics, M.Phil, MBA, MA, BA

Community Sponsor: Joel van der Beek; Manager, EconoVision; Rotterdam, The Netherlands; [www.econovision.nl](http://www.econovision.nl)

#### **6. Eligibility of candidates**

Language: English, written and spoken.

Nationality: Open to all nationalities (i.e. North & South America, Asia, Europe, Africa and Middle East).

Any location. Collaboration via the Internet (Skype, Email, MS Word, MS Excel)



## **7. Deadline for receipt of applications**

The proposals must be received by the Client before or latest 5 June 2014, 23h59 (Sydney time).

## **8. Proposal formats and details to be provided**

Please provide a brief biography (or resume) and a short (less than one page) explanation of the following:

1. Why you are the right person for this position.
2. How much time you can commit to completing this work.
3. Your geographic location and availability for communication via email and Skype.

It is essential that the candidates be aware that this Project currently relies on the goodwill and volunteer support of about 12 professionals who are providing their time free of charge (pro bono). The volunteers are working on this Project because of the urgent need to globally mitigate greenhouse gas emissions. For this reason, the successful candidates will most likely be those who have some understanding of the issues of climate change as a 'market failure'.

## **9. How applications may be submitted**

Applications should be submitted by email to these three email addresses: [g4cm@email.com](mailto:g4cm@email.com), Delton Chen (Australia) at [delton.b.chen@gmail.com](mailto:delton.b.chen@gmail.com), and to Joel van der Beek (The Netherlands) at [jb@econovision.nl](mailto:jb@econovision.nl)

## **10. Provisional timetable**

Date of publication: 22 May 2014

Final Submission of Applications: 5 June 2014.

Announcement of Successful Candidates: 9 June 2014.

Approx. Commencement: 10 June 2014 (Part 1), and 10 July (Part 2).

Approx. Completion: 10 July 2014 (Part 1), and 10 August 2014 (Part 2). Dates may be negotiated.

## **11. Background information**

### **Humanity Has Choices**

Humanity and civilization are at the cross roads of diverging pathways. One direction will lead us to dangerous and high-risk climate change, entropic decay and social decline. The other direction involves an economic re-configuration and a higher level of global cooperation that minimizes pollution, preserves ecosystems and offers hope for future generations.

### **The Project – Global 4C**

This long-term aim of the Project is to complete a policy 'white paper' for international digital currencies called '4C' that will be paid to enterprises for reducing greenhouse gas emissions and sequestering carbon. The Policy is called the Global '4C' Mitigation Policy. This policy may solve key social, economic and political problems of the climate crisis with a new approach that is holistic and scientific. It includes a mechanism to



finance energy efficiency, pollution abatement, renewable/cleaner energy, and carbon sequestration. The policy also has scope to finance the protection of forests and biodiversity. A key strength of the policy is its apparent ability to circumvent the kind of social and political 'deadlocks' that trouble carbon taxation and related schemes.

The seminal work outlined in this advertisement will be published and shall provide a foundation for future Global 4C publications. Global 4C may have a significant influence on the narrative concerning climate change policy. It may eventually be integrated into future inter-governmental discussions, such as those guided by the United Nations Framework Convention on Climate Change (UNFCCC).

**Project History:**

Global 4C (the Project) was conceived in June 2013 as a community project (non-government & non-profit). Since then, considerable new theoretical and conceptual progress has been made with the development of the new economic instrument, *Complementary Currencies for Climate Change* (4C), and the Global '4C' Mitigation Policy (proposal). At this time the Project has no financial sponsor, and so it is not possible to pay the collaborators a professional fee. It is anticipated that the Project will attract a sponsor during the next 6-12 months.

The Project team aims to maintain public transparency with regards to the origins and authenticity of the work and to invite collaboration from the international community.

Sincerely,

Jonathan Cloud (Executive Director, CRCS)



## REFERENCES

Global 4C Mitigation Policy: Complementary Currencies for Climate Change. Working Paper 1: Theory and Concepts. Lead Author: Delton Chen. Host: Jonathan Cloud, Centre for Regenerative Community Solutions, New Jersey, U.S.A. Draft & Confidential, 2014. *The full report is available to collaborators .*

### YouTube References

Keeping up with the facts on climate change can be daunting. These two YouTube videos give the 'big picture'. The first tells of the urgency of the situation, the second tells of the \$20 trillion dollar de-leveraging problem in the fossil resource sector of the global economy.

24 March 2014

(YouTube, see 15:00/58:01) RT interview with Dr Michael Mann

(YouTube, see 52:00/58:01) RT story about the IPCC and a global food crisis

<https://www.youtube.com/watch?v=RUUvs9Us7sg>

18 March 2014

(YouTube) RT Interview with John Fullerton about fossil energy reserves, and the economic implications of de-carbonization (18 March 2014).

<http://www.thomhartmann.com/bigpicture/leave-fossil-fuels-ground>