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From: Petersen Phone #: 703-288-5251  
Subject: STCU Letter

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Ms Jane Tannenbaum (for STCU)  
Science Centers Program Deputy Coordinator  
Office of Proliferation Threat Reduction  
Department of State  
NP/PTR, Room 3327  
2201 C Street NW,  
Washington, DC, 20520

Dear Ms Tannenbaum:

Pingho Associates Corporation (PAC) is a fast-growing software technology company that has specialized in the commercial sector and is presently expanding its expertise into the government sector, most recently through projects for the Technical Support Working Group (TSWG) of the United States Government's Program for Combating Terrorism and the Pentagon's Small Business Innovative Research (SBIR) Program. In this regard, PAC is interested in submitting several project proposals that could involve an investment of approximately \$2 million in the development of technology by Ukrainian institutes. PAC is, therefore, requesting Partnership Status at STCU so as to partner with these Ukrainian institutes through the STCU Partner Program.

PAC accepts the non-proliferation objectives of the STCU, and the terms of the STCU Agreement and Statute. We welcome the opportunity to work with the STCU, and kindly request that you consider our application for ISTC Partner Program participation.

Respectfully,

A handwritten signature in cursive script, appearing to read "Wang Tuleyan".



# ASSYSTEM

Attn: Andrew A. Hood  
Executive Director  
Science and Technology Center in Ukraine (STCU)  
Kamenyariv St., 21,  
Kiev  
Ukraine 03138

Tel: +380-44-490-7150  
Fax: +380-44-490-7145

26 October 2006

## RE: Application for Partnership Status

Dear Mr Hood,

Assystem UK Ltd (formerly Inbis Ltd) is an engineering design and management consultancy that has been involved in technology transfer and innovation management for over 40 years (For more details, please visit our website: [www.assystemuk.com](http://www.assystemuk.com)).

In recent years, we have developed a strong working relationship with the Ukrainian Federation on Informatics and System Analysis (UFISA, [www.ufi.org.ua](http://www.ufi.org.ua)) based in Kiev. We are interested in expanding our cooperation with UFISA as a STCU Partner.

Assystem UK Ltd has read and accepts the terms and conditions of the STCU Agreement and Statute and accepts the Principles for Non-Party Participation in the STCU.

Assystem UK Ltd is launching one European Commission project this year called BRUIT together with UFISA and plans to invest €20,000 in this project. Attached in the Annex is a summary of the BRUIT project that we will conduct with UFISA, one other Ukrainian organisation and two Russian organisations. Pending the results of the BRUIT project, we hope to conduct similar innovation related projects with UFISA.

We welcome the opportunity to work with the STCU.

Sincerely,

Siemon Smid  
Operations Manager

c.c.: Boris Komarov, Non-Governmental Partnership Manager, STCU

Assystem UK Ltd  
11, rue de Bitbourg, L-1273 LUXEMBOURG HAMM,  
LUXEMBOURG  
Tel +352 43 39 44 Fax +352 43 38 90  
Email: [mailbox@assystem.com](mailto:mailbox@assystem.com)

A member of Assystem SA.  
Registered in England No. 1147167  
Registered Office: Club Street, Esmer Bridge, Preston PR5 6FN United Kingdom



Mrs. Jane J. Tannenbaum  
Science Centers Program Coordinator

US Department of State Science Centers Coordination Program  
Office of Proliferation Threat Reduction,  
Bureau of Nonproliferation NP/PTR

Room 3327 2201 C Street, N.W. Washington, D.C. 20520, U.S.A  
Telephone: 202-736-7693; Fax: 202-736-7698  
E-mail: [tannenbaumjj@state.gov](mailto:tannenbaumjj@state.gov)

Cc: Boris Komarov  
Telephone: +38 044 490 51 70; Fax: +38 044 490 71 45  
E-mail: [boris.komarov@stcu.int](mailto:boris.komarov@stcu.int)

Dear Mrs. Tannenbaum:

We would like to inform you, that our company, Industrial Commodities, Inc. is interested to participate on high technological medical project, started in Ukraine. During several years we have developed a strong business relationship with Biophysics-Ukraine Ltd. - high technological company, based in Kiev. Biophysics-Ukraine is developing its research work, using laser possibilities in medicine.

Our company is planning to expand cooperation with above-mentioned company as with STCU Partner.

We have learned and are accepting all terms and conditions of the STCU Agreement and Statute. We are also accepting the Principles for Non-Party Participation in the STCU.

Our company is planning to invest about USD 326,000 to annual project of laser technologies implementation to solve the problem of cancer and AIDS in Ukraine. Main part of named amount includes the cost of laser equipment (Verdi-V10 Pump Laser, Mira Optima 900-F Laser, 9300 Harmonic Generator). Ordered equipment will be produced by Coherent Europe B.V. The rest will be invested to medical research and clinical testing work.

Thank you very much for our opportunity to work with the STCU.

Sincerely,

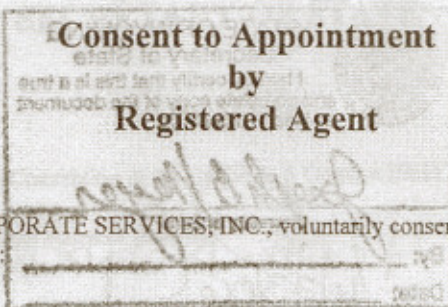
Vladimir Solodovnikoff  
President & CEO  
Industrial Commodities, Inc.  
1409 Madison Avenue Cheyenne Wyoming 82001  
Telephone: +1 541 312 2343; Fax: +1 541 313 398



# Rosa Corporate Services, Inc.

1409 Madison Avenue  
Cheyenne, Wyoming 82001 USA

SECRETARY OF STATE  
State of Wyoming  
The Capitol  
Cheyenne, WY 82002



## Industrial Commodities, Inc.

2) We are a Wyoming corporation whose business office is identical with the registered office for Industrial Commodities, Inc..

ROSA CORPORATE SERVICES, INC.

By:

*[Handwritten Signature]*  
\_\_\_\_\_  
AUTHORIZED SIGNATURE

Dated: June 20, 2006





**United States Department of State**  
*Bureau of International Security and  
Non-Proliferation*  
*Washington, D.C. 20520-6817*

January 18, 2007

Mr. Andrew Hood  
Executive Director  
Science and Technology Center in Ukraine  
Kiev, Ukraine

Dear Mr. Hood:

The United States is pleased to introduce Industrial Commodities, Inc (ICI) as a Science and Technology Center in Ukraine (STCU) Partner. The company focuses on laser technology implementation in medicine.

ICI has developed business relations with Biophysics, Ltd, based in Kyiv, and aims to deepen relations as a STCU Partner. ICI intends to invest approximately \$326,000 in laser technology aimed at cancer and AIDS prevention.

We are confident that the company will provide a valuable contribution to the STCU. More information about the company is available upon request.

Sincerely,

A handwritten signature in cursive script that reads "Jane J. Tannenbaum".

Jane J. Tannenbaum,  
STCU Coordinator



Forschungszentrum Jülich GmbH · IPV · 52425 Jülich  
Fracht-/Paketanschrift: Leo-Brandt-Straße · 52428 Jülich

Andrew A. Hood  
Executive Director  
Science and Technology Center in Ukraine (STCU)  
Kamenyariv St., 21

Kyiv 03138  
Ukraine

- Ihr Ansprechpartner: Dr. W. Beyer
- Bei Antwort bitte angeben: IPV
- Telefon: 02461 61- 39 25
- Telefax: 02461 61- 37 35
- E-Mail: [w.beyer@fz-juelich.de](mailto:w.beyer@fz-juelich.de)
- <http://www.fz-juelich.de>

Jülich,

10.01.2007

Dear Mr. Hood:

The Institute of Photovoltaics Forschungszentrum Jülich (IPV) is a world leading institute in the field of thin film silicon solar cells research. Over the past years we have developed a strong working relationship with the National Science Center Kharkov Institute of Physics & Technology (NSC KIPT) in Kharkov via regular STCU project (#655A). We intend to continue the relationship using the frame of the regular STCU project for the main topic of the collaboration – the role of defects in the properties and quality of amorphous and microcrystalline silicon films and device.

In addition to this we are interested in a partner project with NSC KIPT on the topic of the role of hydrogen in paramagnetic properties of thin film silicon. Therefore we would like to apply for the status of a STCU partner.

IPV has read and accepts the terms and conditions of the STCU Agreement and Statute and accepts the Principles for Non-Party Participation in the STCU.

IPV plans to invest €15,000 on this project.

We welcome the opportunity to collaborate with the STCU.

Sincerely,

Wolfhard Beyer

Director

c.c.: Boris Komarov, STCU NGP Manager

BX.W 18251/4  
R1A" 19"01.2007P"



# proplast

**Consorzio  
per la promozione della cultura plastica**

All'attenzione di

Andrew A. Hood  
Executive Director  
Science and Technology Center in  
Ukraine (STCU)  
Kamenyariv St., 21, Kyiv, Ukraine  
03138

Alessandria, Friday, 24 November 2006

Letter of Request of Nomination as an STCU Partner  
Proplast consortium – Alessandria Italy  
Consorzio Proplast - Sede operativa viale T. Michel, 5 - 15100 Alessandria – Italia  
tel. +39 0131 229324 - fax +39 0131 229331

Dear Mr.Hood:

The Proplast consortium has been involved for 8 years in the development of new products by use of innovative materials.

We are interested in expanding our cooperation with STCU by becoming a STCU Partner.

The Proplast has read and accepts the terms and conditions of the STCU Agreement and Statute and accepts the Principles for Non-Party Participation in the STCU.

Proplast plans to propose 1-2 projects over the next 3 years.

Our proposals will be developed in the next period.

We welcome the opportunity to work with the STCU.

Sincerely,

Piero Cavigliasso

Director

c.c.: Boris Komarov, STCU NGP Manager



**Laboratoire de Physicochimie  
de la Matière Condensée  
Université de Montpellier 2  
Place E. Bataillon-34095  
Monttpellier-cdx Fr.**

Andrew A. Hood  
Executive Director  
Science and Technology Center in Ukraine (STCU)  
Kamenyariv St., 21, Kyiv, Ukraine 03138

Tel: +380-44-490-7150  
Fax: +380-44-490-7145

Dear Mr.Hood:

The LPMC has been involved for 12 years in the development of research in Phase diagram determination. Over the past years, we have developed a strong working relationship with the Institut for Problem in Material Sciences (IPMS-NASU) in Kiev. We are interested in expanding our cooperation with the IPMS as a STCU Partner.

The LPMC has read and accepts the terms and conditions of the STCU Agreement and Statute and accepts the Principles for Non-Party Participation in the STCU.

The LPMC to propose a project with IPMS-NASU over the next 3 years and plans to invest 40 000€ on this project.

Attached are brief summaries of several project ideas we have discussed with IPMS-NASU. Our final proposals will be developed from this list.

We welcome the opportunity to work with the STCU.

Sincerely,

Jean-Claude Tédénac  
LPMC

*November 01. 2006*

*JCT*

c.c.: Boris Komarov, STCU NGP Manager



*Non-Proliferation  
Washington, D.C. 20520-6817*

February 7, 2007

Mr. Andrew Hood  
Executive Director  
Science and Technology Center in Ukraine  
Kiev, Ukraine

Dear Mr. Hood:

The United States is pleased to introduce Pingho Associates Corporation (PAC) as a Science and Technology Center in Ukraine (STCU) Partner. PAC, an information technology company that has focused on commercial software technology, is expanding into the government sector.

PAC is a Partner of the International Science and Technology Center (ISTC) and now requests STCU Partnership. The company has contacted the STCU concerning its interest in developing project proposals with Ukrainian institutes.

We are confident that the company will provide a valuable contribution to the STCU. More information on the Pingho Associates Corporation (PAC) is available on their website, [www.pacorporation.com](http://www.pacorporation.com)

Sincerely,

A handwritten signature in cursive script, appearing to read "Jane J. Tannenbaum".

Jane J. Tannenbaum  
STCU Coordinator  
Office of Cooperative  
Threat Reduction



United States Department of State  
Washington, D.C. 20520-6817

January 12, 2007

Mr. Andrew Hood  
Executive Director  
Science and Technology Center in Ukraine  
Kiev, Ukraine

Dear Mr. Hood:

The United States is pleased to introduce RTI International as a Science and Technology Center in Ukraine (STCU) Partner. RTI focuses on research and development and multidisciplinary services worldwide in health and pharmaceuticals, advanced technology, surveys and statistics, education and training, economic and social development, and the environment.

RTI and the US Department of Energy have entered into an agreement to conduct the Chornobyl Research and Service Project. RTI International plans to collaborate on the project with entities such as the Academy of Medical Science of Ukraine in Kyiv. The company is seeking to establish an annually renewable relationship with the first year funding not to exceed \$1.3M. The first year of the project will be from March 1 through September 30, 2007.

RTI has stated that it subscribes to the STCU's operating principles.

Sincerely,

A handwritten signature in cursive script, reading "Jane J. Tannenbaum".

Jane J. Tannenbaum

Urbana, Nov-08-06

Mrs. Aija Straumanis  
Coordinator, Science Centers Program

US Department of State  
Science Centers Coordination Program  
Office of Proliferation Threat Reduction,  
Bureau of Nonproliferation NP/PTR, Room 3327  
2201 C Street, N.W. Washington, D.C. 20520, U.S.A  
Telephone: 202-736-7693; Fax: 202-736-7698  
E-mail: [StraumanisA@state.gov](mailto:StraumanisA@state.gov)

Dear Mrs. Straumanis:

SETA BioMedicals is a start-up company that is involved for about 4 years with the development of fluorescent probes and labels for biomedical research. During these years we have developed a strong working relationship with the group of Dr. Patsenker of the SSI "Institute for Single Crystals", Kharkov, Ukraine. Very recently we have been collaborating with this group on the STCU project U111 and we are also a main collaborator on their newly submitted STCU project 3408 that is hopefully coming up for review this month. We are very interested in expanding our cooperation with Dr. Patsenker's group as an STCU partner.

SETA BioMedicals has read and accepts the terms and conditions of the STCU Agreement and Statute and accepts the Principles for Non-Party Participation in the STCU.

SETA BioMedicals proposes a 3 year project with Dr. Patsenker's group and plans to invest \$36,000-50,000 during this period. We also will provide certain technical equipment. Attached is a brief summary of the project idea that we plan to work on with Dr. Patsenker's group.

We welcome the opportunity to work with the STCU.

Sincerely,



Ewald Terpetschnig, Ph.D.  
Managing Director





Andrew A. Hood  
Executive Director  
Science & Technology Center in Ukraine Headquarters  
21 Kamenyariv Street  
Kyiv, 03138 Ukraine

Tel: +380-44-490-7150  
Fax: +380-44-490-7145

16 January 2007

Dear Mr. Hood,

### **Partnership with the STCU**

Imprimatur Capital, is an operational investment business that specializes in working with universities and research institutions to support the very early-stage commercialization of new technology. We are an international company with our headquarters in London and regional offices in Singapore, Riga and Kyiv. We will shortly open an office in Hong Kong. More information about our activities can be found on our website: [www.impcap.com](http://www.impcap.com)

We work with universities across the UK, Europe and Asia and over the past year we have begun to work closely with a number of institutions in Ukraine. We believe that working on certain projects as an STCU Partner would assist us in expanding our activities. Accordingly, Imprimatur Capital has read and accepts the terms and conditions of the STCU Agreement and Statute and accepts the Principles for Non-Party Participation in the STCU.

Imprimatur Capital intends to propose 20-30 projects with various institutions in Ukraine over the next 3 years and plans to invest between £25,000 and £125,000 into each of these projects. Among these will be a number of proof of concept investments which will be funded at a lower level. In addition, we provide a range of support services to partner institutions and investee companies - these are described on our website but I would be happy to provide further details on request.

Sincerely,

Andrew Petriwsky  
Director, Central & Eastern Europe  
Head, Representative Office in Ukraine

January 11, 2007

**Jane J. Tannenbaum**

Coordinator, Science Centers Program  
NP/PTR, Bureau of Nonproliferation, Office of Proliferation Threat Reduction, Room 3327  
U.S. Department of State  
2201 C Street, N.W. Washington, DC 20520  
Tel.: +1 202 736 7693, Fax: +1 202 736 7698  
E-mail: [tannenbaumjj@state.gov](mailto:tannenbaumjj@state.gov)

**Subject: Request for Nomination to become STCU partner**

Dear Ms. Tannenbaum:

The U. S. Department of Energy (DOE) and RTI International (including its sub-recipients, Duke University, Research Center for Radiation Medicine, Academy of Medical Science of Ukraine (RCRM) in Kyiv, Ukraine), and the University of North Carolina at Asheville) have entered into a cooperative agreement to conduct the Chernobyl Research and Service Project (CRSP). The human subjects involved in this agreement are applicants for positions as newly hired workers at the Chernobyl Nuclear Power Plant (ChNPP) in Ukraine. The workers are replacing the deteriorating concrete encasement that surrounds the ChNPP that exploded on April 26, 1986. The basis of the information that will be collected on the consenting participants is planned to be gathered by medical staff at RCRM. RTI has developed a strong partnership with RCRM, an institution with staff world renowned in the field of radiation research. We are interested in collaborating on our project with this staff as an STCU Partner.

RTI has read and accepts the term and conditions of the STCU Statute and accepts the Principles for Non-Party Participation in the STCU. We can accept the STCU agreement with some minor modification – essentially the insertion of required U.S. Department of Energy grant terms and conditions.

Although we anticipate that our research project will continue for at least five years, we are seeking to establish a relationship that is renewed and funded on an annual basis with first year funding not to exceed \$1.3 million dollars. Attached is a brief description of the planned research effort. The estimated initial period of performance covered by the STCU partnership agreement is 3/107 – 9/30/07.

We look forward to working together with the STCU and appreciate an expedited consideration of our request. If you need to contact me, please call 919-541-6017; for email, use [swog@rti.org](mailto:swog@rti.org).

Sincerely,



Richard E. Strowd, JD  
Director, Sr. Contracting Officer

Cc:

**Borys A. Atamanenko, Ph.D.**  
Principal Deputy Executive Director  
Science Technology Center in Ukraine  
21 Kamenyariv St.  
Kyiv, Ukraine, 03138  
Tel.: +380 44 490 7150 Fax: +380 44 490 7145  
E-mail: [borys.atamanenko@stcu.int](mailto:borys.atamanenko@stcu.int)

## **Statement of Work**

### **Chornobyl Research Services Project**

The U.S. Department of Energy (DOE) and RTI International (including its sub-recipients, Duke University, Research Center for Radiation Medicine, Academy of Medical Science of Ukraine (Kyiv, Ukraine), and the University of North Carolina at Asheville) have entered into a cooperative agreement to conduct the Chornobyl Research and Service Project (CRSP). The subjects of this agreement are applicants for positions as newly hired workers at the Chornobyl Nuclear Power Plant (ChNPP) in Ukraine. The workers are replacing the deteriorating concrete encasement that surrounds the ChNPP that exploded on April 26, 1986.

During Year 1, we will focus on developing the infrastructure for a long term research program which will serve as a resource for the scientific community worldwide. We hope that the US Department of Energy will continue to support this program in the coming years and have planned this project to maximize the return on the first year investment DOE has made. Benchmarks to measure our success include populating a biological repository in the US with blood sample and the establishment of an information system that provides easy access to the biological, clinical and exposure data.

CRSP offers science an opportunity to develop methods and to characterize how the human body responds to primarily low-level nuclear radiation during exposure. Workers are exposed to gamma and alpha radiation from external and internal sources (i.e., through inhalation and skin absorption), making information collected from these workers applicable to planning a response to incidents of radiation exposure that could occur during civilian nuclear disaster or military engagement.

Data collection and analysis supported under this agreement will provide the foundation for improved detection of human radiation exposure (biodosimetry), tools to predict short- and long-term effects of exposure, and novel therapies to protect and treat victims and clean-up workers.

The first phase of the project focuses on the design of an infrastructure appropriate for a robust scientific program and has the following objectives:

- Design and test instruments to collect prospective epidemiologic, clinical, and dose data as part of the baseline medical screening processes.
- Design a Web-based, secure, relational database system to allow the storage, linkage, and exchange of high-quality medical, biological, and exposure data.
- Design the research program and complete a start up project.
- Provide medical and health services to the workers.
- Organize the management and governance of the CRSP consortium and develop a plan for its long-term sustainability.

We will establish a data bank and biorepository (DBBR) that unites all elements of these goals and serves as a resource for the conduct of research based on human subjects. The CRSP DBBR incorporates medical, biological, and dose information gathered from workers into a central database accessible remotely via the Internet. Data will be received electronically directly from diagnostic or measurement systems or via Web-based data entry mechanisms. These data will be checked to ensure data quality. The system will link duplicate biospecimen repositories at RCRM and at RTI and will store duplicate sets of data. The system will manage the coordinated entry of, search for, and retrieval of data from the repository.

The establishment of a DBBR requires decision making on several fronts. Key questions to be addressed include the following:

- Who will be eligible for participation?
- How will potential participants be ascertained, approached, and consented?
- How will blood sample be obtained?
- How will epidemiologic information be collected?
- How will participant information be tracked, and what data will be collected?
- What types of tubes will be used for collection, and how will blood be processed and stored?
- How will clinical data be linked with specimens and epidemiologic data?

The answers to these questions depend on the foreseeable uses of data and samples from the DBBR and are likely to vary depending on potential goals and the structure of the research program.

The scientific infrastructure will become operational through conduct of the tasks described briefly below. The scientific infrastructure lays the foundation for researchers to design prospective studies that can be implemented as observational or experimental studies. We have incorporated an exposure assessment component that will define the scope of dose reconstruction and non-radiation hazard exposure activities. We aim to build an infrastructure that will allow investigation of innovative research questions using valid study designs defensible to an institutional review board and peer-review scientific community. The consortium anticipates that over time both observational and experimental studies will be designed and conducted by internal and external research groups.

#### **TASK 1: Clinical and Dosimetric Data Collection Quality and Analysis**

Collect and store data from the regular health checks conducted as part of the medical surveillance program.

#### **TASK 2: Establish a Biological Specimen Repository**

Create a specimen inventory and tracking system of longitudinally collected blood and process aliquots.

#### **TASK 3: Health Information Exchange System**

Build a central database where radiological, clinical, and biologic information will be linked by a unique identifier.

#### **TASK 4: Research**

Use the CRSP scientific infrastructure to initiate research projects that will impact radiation hazards planning prevention, and mitigation.



**TASK 5: Scientific and Medical Services**

Provide medical and public health services for workers.

**TASK 6: Management and Governance**

Efficiently manage a highly integrated global program. RTI will lead infrastructure tasks, with assistance from RCRM and Duke. Duke will lead the research and medical services tasks, working closely with all members of the consortium. An Executive Committee (EXECOM) of a Board of Directors will oversee fiscal and policy issues, and a Scientific Advisory Committee will review scientific and research-related matters including data sharing. Within the research program activity, a Research Protocol Review Committee will be established, composed of external experts in radiation biology, medicine, epidemiology, etc.



**KTH Physics**

29 January 2007

To: Andrew A. Hood  
Executive Director  
Science and Technology Center in Ukraine (STCU)  
Kamenyariv St., 21, Kyiv, Ukraine 03138

RE: Request for nomination as an STCU Partner

Dear Mr. Hood,

Royal Institute of Technology in Stockholm is the largest technical university in Sweden and is a leading European center in a number of high-technology areas. Our department of Applied Physics, with its strong groups in Condensed Matter, Nanostructure, Laser, and Bio Physics, is focused towards technologically viable physics research at the top international level. Building upon our extensive experience in running joint Swedish-Ukrainian research projects, sponsored over the last 5-10 years by the Royal Swedish Academy of Sciences and the Swedish Institute to involve research institutions in Kyiv, Harkiv, and Donetsk, we seek to expand these activities through STCU Partnerships.

We have read and accept the terms and conditions of the STCU Agreement and Statute and accept the Principles for Non-Party Participation in the STCU.

Our intention is to propose several collaborative projects with the academic institutions in Ukraine over the next 3 to 5 years. Our immediate interest is to start a project on developing a Surface Probe System for Low Temperature Magneto-Transport Measurements, with our contribution estimated at \$20,000-30,000, possibly involving equipment exchange (\$30,000 range). The Ukrainian Partner will be the Institute of Low Temperature Physics and Engineering in Harkiv (coordinator Yuri Naidyuk, Dr Sc), with participation of the Institute of Magnetism in Kyiv.

Thank you for your considerations,

Vladislav Korenivski  
Professor of Physics

c.c.: Boris Komarov, STCU NGP Manager