

# scientific research

An examination of aspects of Unidentified Anomalous Phenomena (UAP) from a scientific perspective.

Sunday, September 30, 2018

## Details of "contracts" between To The Stars Academy and EarthTech International

### Introduction

US researcher Danny Silva recently posted a [link](#) to a US government website which caught my interest. The government website was that of the United States Securities and Exchange Commission, and the particular item which attracted my interest, was a semiannual report of the To The Stars Academy of Arts and Science Inc. (TTSA.) The report was for the semiannual period ended 30 June 2018.

The bulk of the document provides various financial statements about the TTSA. However, there were a couple more items there I thought worth mentioning:

1. "Advisory Board member Dr Garry Nolan resigned, effective August 31, 2018."
2. "We are in the process of evaluation and planning projects in the Aerospace and Science Division, in particular regards materials, an essential precursor to STME, and Beamed Energy Propulsion Launch Systems ("BELS.")"

As I was interested to see if there were any further details on these two projects, I was pleased to see that there were separate attachments about each of them. As I believe that few people will have bothered to go through the entire document, it may be that they will have missed these attachments, which are effectively contracts between TTSA and ETI for pieces of work.

### First project



Dr Hal Puthoff who is heading the first project

### "Material Study - Set A (MSSA) Program

Statement of Work (SOW)

Directed to Earth Tech International Incorporated

August 16, 2018

#### Introduction/Background

The emergence of exotic materials has introduced the possibility of expanding the role of structural materials to other operational functions such as sensors and propulsion. There is anecdotal evidence

### Contributors

 Keith Basterfield

 Pauline Wilson

### Blog Archive

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#### Scope of Work

The scope of work for the MSSA effort includes all planning, execution, analysis, and experimentation to establish the properties of specific materials. ETI will be responsible for the execution of all tasks. Specific deliverables and milestones will be listed in the Work Requirements and Milestones section of this SOW.

#### Period of performance

The total period of performance for the MAP efforts is 10 weeks months (sic), beginning on August 16, 2018 through October 25, 2018. All work must be scheduled to complete within this time frame. Any modifications or extensions will be requested through TTSA and ETI contracting officers for review and discussion.

#### Plan of performance

ETI will perform the work at its own facility or a subcontracted facility as required. ETI will be required to hold a brief video-teleconference once per week (day and time TBD) for a weekly status meeting. Additionally, all major reviews will be held at ETI's facility. ETI will provide and arrange for meeting spaces within its facility for all required meetings.

#### Work requirements

As part of the Materials Assessment Project, ETI will be responsible for performing all tasks. The following is a list of tasks which will result in the successful completion of this project:

##### Task 1 -Internal Testing:

- ETI will analyze the received materials using in-house capabilities
- ETI will present written status at weekly meeting

##### Task 2 -Subcontract Testing:

- ETI will subcontract further material testing as required
- ETI will present written status at weekly meeting

##### Task 3 - Analysis Effort:

- ETI will perform analysis of the internal and subcontracted materials test results
- ETI will present written status at weekly meeting

##### Task 4 - Next Steps Definition:

- ETI will develop draft plans for future analysis and testing work
- ETI will present written status at weekly meeting

##### Task 5 - Final Report

- ETI will create a final report presenting the approach, methods, procedures, results, findings, and recommendations noted in Tasks 1-4

#### Schedule/Milestones

The below list consists of the initial milestones identified for the Material Assessment Project:

RFP/SOW release - August 17, 2018  
Response due - 10 working days after RFP release  
BELS Plan Review Kickoff (sic) - TBD  
Project Completion Review - TBD  
Project Closure - TBD

#### Acceptance Criteria

For the Materials Assessment Project, the acceptance of all deliverables will reside with TTSA's Aerospace Division Director. The Aerospace Division Director will maintain a small team of advisors in order to ensure the completeness of each stage of the project and that the scope of work has been met. Once a project task is completed and ETI provides their report for review and approval, the Aerospace Division Director will either sign off on the approval or reply to ETI, in writing, advising

AARO

AASAP

AATIP

AAWSA

AAWSAP

Abductions

Academic

Aerospace companies

Angel hair

ATP

Australian Government files.

Australian periodicals

Australian websites

BAASS

BAASS; AAWSAP

Balwyn

Bigelow

Bob McGwier

Canada

Case reports

Cold case investigation

Congressional Hearings

Contactees

Cosconsciousness

Crop formations

Crowflight

Current Australian UAP reports

Davis/Wilson documents

Disclosure

Early Australian UFO history

electroponic sounds

Enigma Labs

Exopolitics

Exopsychology

False awakening; hypnagogic imagery

Fantasy proneness

Firmage

Five Eyes

FOI Act requests

Fragments

Any discrepancies involving completion of project tasks or disagreement between TTSA and ETI will be resolved by executive leaders from each respective company.

#### *Other Requirements*

The program funding is capped at \$35,000.

TTSA expects only a task-level cost proposal to enable contact aware.

Payment Schedule: 50% at contract award, 50% at contract completion.

#### **Second project**



Dr Eric Davis who is probably leading the second project

#### **"Beamed Energy Launch System (BELS) Program Planning Project**

Statement of Work (SOW)

Directed to EarthTech International Incorporated

August 17, 2018.

#### *Introduction/Background*

The use of beamed energy propulsion to launch small spacecraft into low Earth orbit offers the possibility of dramatic launch cost reductions compared to conventional rockets. The Air Force Research Laboratory (AFRL) Propulsion Directorate has performed extensive theoretical and proof of concept experiments, demonstrating viability of the concept. Despite promising results, the study was terminated. However, the dramatic surge in cube satellite (cubesat) use, combined with the desire for dramatically lower launch costs with increased launch flexibility, opens the opportunity for a Beamed Energy Launch System (BELS) development and transition to an operational system.

To The Stars Academy (TTSA) seeks to outsource to EarthTech International Incorporated (ETI) a project to define a comprehensive program plan to develop an operational BEP launch system.

#### *Scope of Work*

The scope of work for the BELS effort is to define the program plan for requirements development, analysis, experimentation, risk reduction efforts, demonstrations, operational system development, and initial fielding of a BELS cubesat launch system development program. It is desired to have a technology demonstration within 18 months of contract award, a suborbital launch demonstration within 48 months of original contract award and orbital demonstration within 8 years of original contract award. ETI will be responsible for the execution of all tasks. ETI is expected to define and execute plan that reduces technical and funding expenditure risk. Specific deliverables and milestones will be listed in the Work Requirements and Schedules and Milestones sections of this SOW.

#### *Period of Performance*

The total period of performance for the BELS effort is 2 months, beginning on August 17, 2018 through October 17, 2018. All work must be scheduled to complete within this time frame. Any modifications or extensions will be requested through TTSA and ETI contracting officers for review

hynagogic

hypnagogic imagery

Intelligence agencies

Investigation reports

James E McDonald

Jenny Randles

Kit Green

M

Mark Pilkington

MI5

MI6

migraine

Mitchell

Monthly Australian reports roundup

NASA

National Science Foundation

New book alert

New Zealand UFO files

New Zealand; Disclosure

NIDS

Niemtzow

Nimitz 2004

North West Cape incident

NSA documents

NW Cape

Paranomral

Paranormal

Pasulka

Physical evidence

Pre 1947

Project Moon Dust

Project Moondust

Project Newsprint

Remote viewing

Scientific research

sense of presence

Sense of self

SETI

Sightings

Sleep paralysis

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Additionally, all major reviews will be held at ETI's facility. ETI will provide and arrange for meeting spaces within its facility for all required meetings.

#### Work Requirements

As part of the BELS, ETI will be responsible for performing all tasks. The following is a list of tasks which will result in the successful completion of this project:

#### Task 1 -Kickoff

- ETI will create a detailed execution project plan
- ETI will present project plan to TTSA for approval at kickoff

#### Task 2 - Program Planning Effort

- ETI will work with TTSA to gather requirements and establish metrics
- ETI will develop a comprehensive program plan that spans phases for requirements development, conceptual design, preliminary design, detail design, fabrication, system integration, and test for the cubesat launch system including launcher and ascent vehicle. The program plan will include:
  - An integrated Master Schedule with phase definitions, decision offramps, and major milestones with expected accomplishments
  - Resource requirements including funding headcount, facilities, certifications, environmental documents, flight clearance etc
  - Work scope to be subcontracted (no contractor identification necessary for this effort)
  - Identification of major technical and programmatic risks
  - Identification of any Government Furnished Information or Government Furnished Equipment
  - ETI will present written status at weekly meeting
  - ETI will present the results of the task at the project completion review

#### Task 3 - Final Project review

- ETI will hold an on site, comprehensive final review of the BELS Program Plan
- ETI will submit a final report summarizing findings from the project

#### Schedule/Milestones

The below list consists of the initial milestone identified fro the Material Assessment Program (sic)

RFP SOW release - August 17, 2018  
Response due - 10 working days after RFP release  
BELS Plan Review Kickoff - TBD  
Project Completion Review - TBD  
Project Closure - TBD

#### Acceptance Criteria

For the BELS Project, the acceptance of all deliverables will reside with TTSA's Aerospace Division Director. The Aerospace Division Director will maintain a small team of advisors in order to ensure the completeness of each stage of the project and that the scope of work has been met. Once a project task is completed and ETI provide their report for review and approval, the Aerospace Division Director will either sign off on the approval or reply to ETI, in writing, advising what tasks must still be accomplished,

Once all project tasks have been completed, the project will enter the handoff/closure stage. During this stage of the project, ETI will provide their project closure report and project task checklist to TTSA's Aerospace Division Director. The acceptance of this documentation by the TTSA's Aerospace Division Director will acknowledge acceptance off all project deliverables and that ETI has met all assigned tasks.

Any discrepancies involving completion of project tasks or disagreement between TTSA and the ETI will be resolved by executive leaders from each respective company.

#### Other requirements

The program funding is capped at \$25,000  
TTSA expects only a task level cost proposal; to enable contract award  
Payment Schedule: 50% at contract award, 50% at contract completion.

Defense Intelligence Reference Documents

UAPT

UAPTF

Ubatuba

UFO Magazines

UK UAP files

Valentich

Valerie Ransone

Vallee

Westall

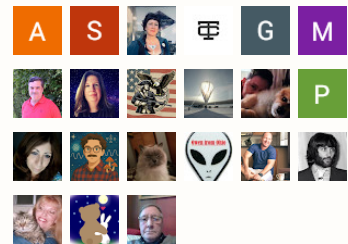
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However, similar work by Dr Davis has been published, eg. "[Review of Laser Lightcraft Propulsion System](#)" by Eric W Davis and Franklin B Mead (2008.) The idea continues to be studied, e.g. "[Light Craft Powered by Laser Propulsion](#)" by Kumar et al (2014.)

For more information about cubesats click [here](#).

By [Keith Basterfield](#) at [September 30, 2018](#)



Labels: [TTSA](#)

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# CASE #872

Playwright Render

## SOURCE URL

<https://ufos-scientificresearch.blogspot.com/2018/09/details-of-contracts-between-to-stars.html>

## DOMAIN

[ufos-scientificresearch.blogspot.com](https://ufos-scientificresearch.blogspot.com)

## CASE ID

#872 of 924

## CONTEXT FROM ORIGINAL DOCUMENT

YR4DZ6 (p216)

(PUBLIC DOMAIN) - 16 August 2018 — A TTSA statement of work sought Hal Puthoff's Earthtech International to study the properties of "potentially exotic materials."

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