

**MICHIGAN STATE**  
**UNIVERSITY**

May 15, 2020

**MEMORANDUM**

**APPROVED**  
**MAY 15, 2020**  
**BOARD OF TRUSTEES**  
**MICHIGAN STATE UNIVERSITY**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *Environmental Protective Coatings, LLC*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and *Environmental Protective Coatings, LLC*, a company in which MSU faculty member Dr. Muhammad Rabnawaz holds a financial interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a service agreement with *Environmental Protective Coatings, LLC* consistent with earlier public notice given at a Board meeting and with a "Service Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with *Environmental Protective Coatings, LLC*, a Michigan limited liability company, was given at the Board of Trustees meeting on August 31, 2018. The terms of a service agreement are now presented for Board approval.

Dr. Muhammad Rabnawaz, Assistant Professor in the School of Packaging and members of his family, own or have options to buy an ownership interest of more than 1% of the company.

The attached "Service Agreement Term Sheet" summarizes the agreement that MSU has negotiated with *Environmental Protective Coatings, LLC*.

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese



**OFFICE OF THE  
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## SERVICE AGREEMENT TERM SHEET

**Party:** Environmental Protective Coatings, LLC

**Agreement:** MSU, as subrecipient of an NSF award (reference number IP00482583), will provide services related to preparation of face masks to prevent the transmission of COVID-19 or other diseases. The work involves developing masks with improved performance, low-cost, non-specialized material and high speed of production.

**Term:** June 1, 2020 to February 28, 2021

**Potential Commercial Application:** Personal Protective Equipment

**Payment Terms:** \$145,000.75 to MSU in fees for service

**Services Provided:** By MSU to Environmental Protective Coatings, LLC: preparation of facemasks  
By Environmental Protective Coatings, LLC to MSU: None contemplated under the agreement

**Use of University Facilities/Personnel:** Work to be performed at MSU's Packaging Facility by, or supervised by, Dr. Muhammad Rabnawaz, Dr. Laura Bix, and/or Dr. Aaron Walworth.

**Organization Type:** Michigan limited liability company

**Personnel Interest:** Dr. Muhammad Rabnawaz, Assistant Professor in the School of Packaging and members of his family, own or have options to buy an ownership interest of more than 1% of the company.

**MICHIGAN STATE**  
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May 15, 2020

**MEMORANDUM**



**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *FibrosIX, LLC (1<sup>st</sup> service agreement)*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and *FibrosIX, LLC*, a company in which MSU faculty member Dr. Richard R. Neubig holds a financial interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a service agreement with *FibrosIX, LLC* consistent with earlier public notice given at a Board meeting and with a "Service Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with *FibrosIX, LLC*, a Michigan limited liability company, was given at the Board of Trustees meeting on June 15, 2016. The terms of a service agreement are now presented for Board approval.

Dr. Richard R. Neubig, Professor and Chair of the Department of Pharmacology and Toxicology, and members of his family own or have options to buy an ownership interest of more than 1% of the company.

The attached "Service Agreement Term Sheet" summarizes the agreement that MSU has negotiated with *FibrosIX, LLC*.

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese



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## SERVICE AGREEMENT TERM SHEET

**Party:** FibrosIX, LLC

**Agreement:** MSU, as a subrecipient under an NIH grant, will perform testing services to refine doses of bleomycin in an animal study for pulmonary fibrosis under a project entitled, "Intraperitoneal Bleomycin DRF in Mice" (2020102).

**Term:** Effective date to August 31, 2020

**Potential Commercial Application:** Human Therapeutics

**Payment Terms:** \$56,416 to MSU in fees for service

**Services Provided:** By MSU to FibrosIX, LLC: conduct a study to refine doses of bleomycin in mouse model  
  
By FibrosIX, LLC to MSU: None contemplated under the agreement

**Use of University Facilities/Personnel:** Work to be performed at MSU's In Vivo Facility by, or supervised by, Dr. Teresa Krieger-Burke

**Organization Type:** Michigan limited liability company

**Personnel Interest:** Dr. Richard R. Neubig, Professor and Chair of the Department of Pharmacology and Toxicology, and members of his family, own or have options to buy an ownership interest of more than 1% of the company.

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**MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *FibrosIX, LLC (2<sup>nd</sup> service agreement)*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and *FibrosIX, LLC*, a company in which MSU faculty member Dr. Richard R. Neubig holds a financial interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a service agreement with *FibrosIX, LLC* consistent with earlier public notice given at a Board meeting and with a "Service Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with *FibrosIX, LLC*, a Michigan limited liability company, was given at the Board of Trustees meeting on June 15, 2016. The terms of a service agreement are now presented for Board approval.

Dr. Richard R. Neubig, Professor and Chair of the Department of Pharmacology and Toxicology, and members of his family own or have options to buy an ownership interest of more than 1% of the company.

The attached "Service Agreement Term Sheet" summarizes the agreement that MSU has negotiated with *FibrosIX, LLC*.

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese



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## SERVICE AGREEMENT TERM SHEET

**Party:** FibrosIX, LLC

**Agreement:** Services Agreement for MSU to perform microscopic analysis of tissue sections provided by FibrosIX, LLC

**Term:** Effective date to March 31, 2021

**Potential Commercial Application:** Human Therapeutics

**Payment Terms:** \$4,331 to MSU in fees for service

**Services Provided:** By MSU to FibrosIX, LLC: microscopic examination of tissue sections and provide a written report of his histopathology findings

By FibrosIX, LLC to MSU: None contemplated under the agreement

**Use of University Facilities/Personnel:** Work to be performed at MSU's facility by, or supervised by, Dr. Jack Harkema

**Organization Type:** Michigan limited liability company

**Personnel Interest:** Dr. Richard R. Neubig, Professor and Chair of the Department of Pharmacology and Toxicology, and members of his family, own or have options to buy an ownership interest of more than 1% of the company.

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**MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *FibrosIX, LLC (3<sup>rd</sup> service agreement)*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and *FibrosIX, LLC*, a company in which MSU faculty member Dr. Richard R. Neubig holds a financial interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a service agreement with *FibrosIX, LLC* consistent with earlier public notice given at a Board meeting and with a "Service Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with *FibrosIX, LLC*, a Michigan limited liability company, was given at the Board of Trustees meeting on June 15, 2016. The terms of a service agreement are now presented for Board approval.

Dr. Richard R. Neubig, Professor and Chair of the Department of Pharmacology and Toxicology, and members of his family own or have options to buy an ownership interest of more than 1% of the company.

The attached "Service Agreement Term Sheet" summarizes the agreement that MSU has negotiated with *FibrosIX, LLC*.

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese



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## SERVICE AGREEMENT TERM SHEET

**Party:** FibrosIX, LLC

**Agreement:** MSU, as subrecipient to NIH Grant to FibrosIX (reference number PD45003) to perform microscopic analysis of tissue sections provided by FibrosIX, LLC

**Term:** Effective date to March 31, 2021

**Potential Commercial Application:** Human Therapeutics

**Payment Terms:** \$3,672 to MSU in fees for service

**Services Provided:** By MSU to FibrosIX, LLC: microscopic examination of tissue sections and provide a written report of his histopathology findings  
By FibrosIX, LLC to MSU: None contemplated under the agreement

**Use of University Facilities/Personnel:** Work to be performed at MSU's Food Safety and Toxicology Building by, or supervised by, Dr. Jack Harkema

**Organization Type:** Michigan limited liability company

**Personnel Interest:** Dr. Richard R. Neubig, Professor and Chair of the Department of Pharmacology and Toxicology, and members of his family, own or have options to buy an ownership interest of more than 1% of the company.



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**MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *Great Lakes Crystal Technologies, Inc.*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and *Great Lakes Crystal Technologies, Inc.*, a company in which MSU faculty member Dr. Timothy Grotjohn holds a financial interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves services agreement with *Great Lakes Crystal Technologies, Inc.* consistent with earlier public notice and with a "Services Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with *Great Lakes Crystal Technologies, Inc.*, a Michigan corporation, was given at the Board of Trustees meeting on September 6, 2019. The terms of a services agreement are now presented for Board approval.

Dr. Timothy Grotjohn, a Professor in the Department of Electrical and Computer Engineering, and members of his family, have, or have options to buy, an interest in the company or are officers or paid employees of the company.

The attached "Service Agreement Term Sheet" summarizes the agreement that MSU has negotiated with *Great Lakes Crystal Technologies, Inc.*

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese



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## SERVICE AGREEMENT TERM SHEET

**Party:** Great Lakes Crystal Technologies, Inc.

**Agreement:** MSU is a subrecipient of a prime award to Great Lakes Crystal Technologies, Inc. from the US Department of Energy (IP00453617)

**Term:** Effective date to October 18, 2020

**Payment Terms:** \$44,586 payment to MSU for services

**Services Provided:** By MSU to Great Lakes Crystal Technologies, Inc.: produce and/or analyze large diffraction grade single diamonds grown by Chemical Vapor Deposition Reactor (CVD)

By Great Lakes Crystal Technologies, Inc. to MSU: None completed under the agreement

**Use of University Facilities/ Personnel:** Services conducted in the Engineering Research Building by or under Dr. Timothy Grotjohn and/or Dr. Sergey Baryshev and/or Elias Garratt

**Organization Type:** Michigan corporation

**Personnel Interest:** Dr. Timothy Grotjohn, a Professor in the Department of Electrical and Computer Engineering, and members of his family, have, or have options to buy, an interest in the company or are officers or paid employees of the company.

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**MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *XG Sciences, Inc.*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and *XG Sciences, Inc.*, a company in which MSU faculty member, Dr. Lawrence Drzal, holds a financial interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a service agreement with *XG Sciences, Inc.* consistent with earlier public notice given at a Board meeting and with a "Service Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with *XG Sciences, Inc.*, a Michigan corporation, was given at the Board of Trustees meeting on June 16, 2006. The terms of a service agreement are now presented for Board approval.

Dr. Lawrence Drzal, a Professor in the Department of Chemical Engineering and Material Science, and members of his family own or have options to buy an ownership interest of more than 1% of the company.

The attached "Service Agreement Term Sheet" summarizes the agreement that MSU has negotiated with *XG Sciences, Inc.*

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese



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## SERVICE AGREEMENT TERM SHEET

<b>Party:</b>	XG Sciences, Inc.
<b>Agreement:</b>	MSU to perform technical testing services such as fabrication, characterization and/or analysis of graphene platelets used in conjunction with plastics.
<b>Term:</b>	Effective date – one year from the effective date of the agreement (April 17, 2020 or shortly thereafter)
<b>Potential Commercial Application:</b>	Lightweight polymer-reinforced composite products containing xGnP graphene
<b>Payment Terms:</b>	MSU will receive \$50,000 for testing services and expenses.
<b>Services Provided:</b>	By MSU to XG Sciences, Inc.: Testing services  By XG Sciences, Inc. to MSU: None contemplated under the agreement
<b>Use of University Facilities/Personnel:</b>	Testing will be directed and conducted by, or under the supervision of, Dr. Drzal and/or Dr. Per Askeland in facilities that are part of the Department of Chemical Engineering and Material Science
<b>Organization Type:</b>	Michigan corporation
<b>Personnel Interest:</b>	Dr. Lawrence Drzal, a Professor in the Department of Chemical Engineering and Material Science and members of his family own or have options to buy an ownership interest of more than 1% of the company.

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**MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *Maid3 Inc.*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and *Maid3 Inc.*, a company in which MSU faculty member, Dr. Guowei Wei, holds a financial interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an option agreement with *Maid3 Inc.* consistent with earlier public notice given at a Board meeting and with an "Option Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with *Maid3 Inc.*, a Michigan corporation, was given at the Board of Trustees meeting on February 14, 2020. The terms of an option agreement are now presented for Board approval.

Dr. Guowei Wei, a Professor in the Department of Mathematics, and members of his family own or have options to buy an ownership interest of more than 1% of the company.

The attached "Option Agreement Term Sheet" summarizes the agreement that MSU has negotiated with *Maid3 Inc.*

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese



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## OPTION AGREEMENT TERM SHEET

<b>Party:</b>	Maid3 Inc.
<b>Agreement:</b>	Exclusive option in the field of digital drug design
<b>Technology:</b>	MSU technology disclosure TEC2018-0106 "Element Specific Algebraic Topology, Differential Geometry and Graph Theory Methods for Drug Design and Discovery" and corresponding patent applications in the family of PCT/US2019/025239 and US16/372,239. The parties may add or remove technologies under the agreement provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.
<b>Term:</b>	One year from the effective date with a one-year extension for an additional fee
<b>Potential Commercial Application:</b>	Digital drug design
<b>Payment Terms:</b>	\$1,000 to MSU within 30 days of the effective date
<b>Services Provided:</b>	By MSU to Maid3 Inc.: None contemplated under the agreement  By Maid3 Inc. to MSU: None contemplated under the agreement
<b>Organization Type:</b>	Michigan corporation
<b>Personnel Interest:</b>	Dr. Guowei Wei, a Professor in the Department of Mathematics and members of his family own or have options to buy an ownership interest of more than 1% of the company.

**MICHIGAN STATE**  
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**MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *Great Lakes Crystal Technology, Inc.*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and *Great Lakes Crystal Technology, Inc.*, a company in which faculty member Dr. Timothy Grotjohn holds a financial interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a contract with *Great Lakes Crystal Technology, Inc.*, consistent with earlier public notice given at a Board meeting and with a "Rights Allocation Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with *Great Lakes Crystal Technology, Inc.*, a Michigan corporation, was given at the Board of Trustees meeting on September 6, 2019. Terms of a contract are now being presented for the Board approval.

Dr. Timothy Grotjohn, a Professor in the Department of Electrical and Computer Engineering, and members of his family, have, or have options to buy, an interest in the company or are officers or paid employees of the company.

The attached "Rights Allocation Agreement Term Sheet" summarizes the agreement that MSU has negotiated with *Great Lakes Crystal Technologies, Inc.*

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese



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## **RIGHTS ALLOCATION AGREEMENT TERM SHEET**

- Party:** Great Lakes Crystal Technologies, Inc.
- Agreement:** Allocation of rights in intellectual property and rights to carry out follow-on research, development, or commercialization. This agreement is required by the U.S. Department of Energy under the Prime Award (Contract No. DE-SC0020570) and relates to Sponsored Research Agreement Subcontract: "(STTR Phase I) "Large Diffraction Grade Single Crystal Diamonds Grown by CVD".
- Term:** Effective date to October 18, 2020, with option rights to MSU intellectual property developed under the grant extending to no more than 18 months thereafter.
- Rights Allocation:** Ownership of intellectual property rights created under the Subcontract described above shall be consistent with MSU's patent and copyright policies. Great Lakes Crystal Technologies, Inc. will have an option to acquire rights to MSU technology developed with the STTR funds provided under the subcontract.
- Organization Type:** Michigan corporation
- Personnel Interest:** Dr. Timothy Grotjohn, a Professor in the Department of Electrical and Computer Engineering, and members of his family, have, or have options to buy, an interest in the company or are officers or paid employees of the company.



**MICHIGAN STATE**  
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**MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *XG Sciences, Inc.*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and *XG Sciences, Inc.*, a company in which MSU faculty member, Dr. Lawrence Drzal, holds a financial interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an amended and restated license agreement with *XG Sciences, Inc.* consistent with earlier public notice given at a Board meeting and with an "Amended and Restated License Agreement Term Sheet" now presented to the Board for inclusion in its minutes.



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**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with *XG Sciences, Inc.*, a Michigan corporation, was given at the Board of Trustees meeting on June 16, 2006. Subsequently, the Board approved the terms of a license agreement on April 16, 2010. The terms of an amended and restated license agreement are now being presented for Board approval.

Dr. Lawrence Drzal, a Professor in the Department of Chemical Engineering and Material Science, and members of his family own or have options to buy an ownership interest of more than 1% of the company.

The attached "Amended and Restated License Agreement Term Sheet" summarizes the agreement that MSU has negotiated with *XG Sciences, Inc.*

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese

## AMENDED AND RESTATED LICENSE AGREEMENT TERM SHEET

<b>Party:</b>	XG Sciences, Inc.
<b>Amended Agreement:</b>	Amendment from exclusive to non-exclusive license of patent rights in, and related to, US Patents 7,550,529 and 8,501,858 both entitled "Expanded Graphite and Products Produced Therefrom;" and US Patent 9,080,122 "Nanoparticle Graphite-Based Minimum Quantity Lubrication Method and Composition." The parties may add or remove technologies under the agreement provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.
<b>Term:</b>	Effective date until the last of patents expire
<b>Potential Commercial Application:</b>	Compositions, production methods and use of graphene nanoplatelets, which have unique capabilities for energy storage, thermal conductivity, electrical conductivity, barrier properties and improvement of mechanical properties when incorporated in plastics and other materials
<b>Payment Terms:</b>	Amendments include deletion of the minimum annual royalty payment to MSU and retain royalties of between 2.0-4.0% on net sales varying by applicable field.
<b>Organization Type:</b>	Michigan corporation
<b>Personnel Interest:</b>	Dr. Lawrence Drzal, a Professor in the Department of Chemical Engineering and Material Science and members of his family own or have options to buy an ownership interest of more than 1% of the company.

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**MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *EeroQ Corporation*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and *EeroQ Corporation*, a company in which MSU faculty member Johannes Pollanen holds a financial interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an amendment to the sponsored research agreement with *EeroQ Corporation*, consistent with earlier public notice given at a Board meeting and with an "Amended Research Agreement Term Sheet" now presented to the Board for inclusion in its minutes.



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**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with *EeroQ Corporation*, a Delaware corporation, was given at the Board of Trustees meeting on June 21, 2017. Subsequently, the Board approved the terms of a sponsored research agreement on February 16, 2018. The terms of an amended research agreement are now being presented for Board approval.

Johannes Pollanen, Assistant Professor in the Department of Physics and Astronomy, and members of his family own or have options to buy an ownership interest of more than 1% of the company.

The attached "Amended Research Agreement Term Sheet" summarizes the amended terms that MSU has negotiated with *EeroQ Corporation*.

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese

## AMENDED RESEARCH AGREEMENT TERM SHEET

**Party:** EeroQ Corporation

**Amended Agreement:** Development of an on-chip charge sensor for single electron detection

**Term:** Extended to June 30, 2021, the initial term was April 1, 2018 – June 30, 2019

**Potential Commercial Application:** Quantum computing and sensing for applications in information processing and charge sensing

**Payment Terms:** \$100,000 to MSU to continue funding the research

**Services Provided:** By MSU to EeroQ Corporation: continue work toward development of a sensor

By EeroQ Corporation to MSU: None contemplated under this agreement

**Use of University Facilities/Personnel:** Keck Microfabrication Facility at MSU in East Lansing

**Organization Type:** Delaware corporation

**Personnel Interest:** Johannes Pollanen, holder of the Jerry Cowen Chair of Experimental Physics and Assistant Professor in the Department of Physics and Astronomy, and members of his family own or have options to buy an ownership interest of more than 1% of the company.

**MICHIGAN STATE**  
**UNIVERSITY**

May 15, 2020

**APPROVED**  
**MAY 15, 2020**  
**BOARD OF TRUSTEES**  
**MICHIGAN STATE UNIVERSITY**

**MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Executive Vice President and Provost

**Subject:** Approval of Contract Terms: *National Pesticide Safety and Education Center*

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and the *National Pesticide Safety and Education Center*, in which MSU employee Mr. Tom Smith holds an interest.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an amended service agreement with the *National Pesticide Safety and Education Center* consistent with earlier public notice given at a Board meeting and with an "Amended Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with the *National Pesticide Safety and Education Center*, a Michigan nonprofit corporation, was given at the Board of Trustees meeting on April 12, 2019. Subsequently, the Board approved a service agreement on June 21, 2019. The terms of an amended agreement are now presented for Board approval.

Mr. Tom Smith, Associate Director of MSU's Institute of Agricultural Technology has an interest in the center.

The attached "Amended Agreement Term Sheet" summarizes the amended terms that MSU has negotiated with the *National Pesticide Safety and Education Center*.

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, M. Zeig, S. Hsu, B. Mattes, B. Quinn, C. Berg, C. Leese



OFFICE OF THE  
PROVOST

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## AMENDED SERVICE AGREEMENT TERM SHEET

**Party:** National Pesticide Safety and Education Center  
("NPSEC")

**Amended Agreement:** MSU will continue to provide Executive Director services to the NPSEC.

**Term:** Extended to March 26, 2020 from initial term of February 1, 2019 to January 31, 2020

**Payment Terms:** \$146,412.65 to MSU in fees for service – no increase in fees under the amendment

**Services Provided:** By MSU to NPSEC: Provide Executive Director services including, but not limited to: (1) oversight, establishment and operation of the governance structure for the NPSEC; (2) development, implementation and management of a business plan and budget; (3) marketing and communication services offered by NPSEC; (4) maintenance of quality control and efficiencies for NPSEC products and services; and (5) oversight of fiscal activities, budget management and financial practices

By NPSEC to MSU: None contemplated under the agreement

**Use of University Facilities/Personnel:** Efforts of Mr. Tom Smith

**Organization Type:** Michigan nonprofit corporation

**Personnel Interest:** Mr. Tom Smith is the Associate Director of MSU's Institute of Agricultural Technology and is the Executive Director of the National Pesticide Safety and Education Center.

**MICHIGAN STATE**  
**UNIVERSITY**

May 15, 2020

**APPROVED**  
**MAY 15, 2020**  
**BOARD OF TRUSTEES**  
**MICHIGAN STATE UNIVERSITY**

**MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Teresa A. Sullivan *Teresa A. Sullivan*  
Interim Executive Vice President and Provost

**Subject:** Approval of Contract Terms: Dr. Richard E. Sherman

**RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and faculty member Dr. Richard E. Sherman.

**RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an independent contractor agreement for artist services with Dr. Richard E. Sherman, consistent with earlier public notice given at a Board meeting and with an "Independent Contractor Agreement for Artist Services Term Sheet" now presented to the Board for inclusion in its minutes.

**BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with Dr. Sherman was given at the Board of Trustees meeting on April 13, 2017. The terms of an independent contractor agreement for artist services are now being presented for the Board's approval.

Dr. Sherman is a Professor in the College of Music.

The attached "Independent Contractor Agreement for Artist Services Term Sheet" summarizes the agreement that MSU has negotiated with Dr. Sherman.

cc: Board of Trustees, S. Stanley, N. Beauchamp, N. Barr, S. Hsu, M. Zeig, B. Mattes, B. Quinn, C. Berg, C. Leese



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## **INDEPENDENT CONTRACTOR AGREEMENT FOR ARTIST SERVICES TERM SHEET**

**Party:** Dr. Richard E. Sherman

**Agreement:** Non-exclusive services to engage local musicians for Wharton Center performances

**Term:** July 1, 2020 to June 30, 2023

**Payment Terms:** Commission to Dr. Sherman in the amount of 10% of the fee paid to local musician(s)\*

**Services Provided:** By MSU to Dr. Sherman: None contemplated under the agreement

By Dr. Sherman to MSU: Identify and engage local musicians for Wharton Center performances according to the instructions provided by the touring engagement's musical director, coordinator, or orchestra conductor or by MSU when applicable; schedule and administer the operation of musical services, pay local musicians directly for service and cartage of instruments; attend first rehearsal and be on call for additional services; and provide itemized settlement for touring engagement

**Organization Type:** Dr. Sherman is acting as an individual.

**Personnel Interest:** This contract will be directly between Dr. Sherman, a Professor in the College of Music, and MSU.

\*The base rate for musician fees for the 2020-2021 performance season is \$149 per service and \$85 per sound check session. Local musicians required to play two or more closely related instruments, referred to as doubling, will be paid an additional 20% for the first double and an additional 10% for each additional double. A flat rate of \$100 will be included for large instrument transportation and/or instruments that require additional loading time and/or require the musician to arrive early.