

TEXAS environmental improvement
ENVIRONMENTAL
RESEARCH through research and science
CONSORTIUM

RESOLUTION 2.45*

Whereas the Texas Environmental Research Consortium (TERC) is responsible for implementing the New Technology Research and Development (NTRD) Program under contract with the Texas Commission on Environmental Quality (TCEQ); and

Whereas the Houston Advanced Research Center has issued Request for Grant Assistance 15 to solicit technology projects in accordance with previous authorizations by TERC's Board of Directors; and

Whereas well conceived and cost-effective technology projects have been received that would contribute to TERC's achievement of the legislative goals of the NTRD Program; and

Whereas this project has been evaluated and recommended for funding by TERC's Environmental Technology Advisory Council (ETAC), with conditions; and

Now, Therefore, Be It Resolved that TERC hereby provides final approval for TERC funding of the Technology project outlined below, conditional upon resolution of the issues identified by the ETAC and the TCEQ:

- WVU Research Corporation H2 Enhanced Diesel Combustion \$246,998

Adopted and Approved this 12th day of June, 2008.



Kelly Greis, Chairman

*Action on this resolution is contingent upon receipt of TCEQ approval.

TEXAS environmental improvement
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Resolution 2.46

Whereas Dr. Rudolf M. Smaling served as director of the New Technology Research and Development (NTRD) program as a staff member at the Houston Advanced Research Center from April 23, 2006 until May 31, 2008; and

Whereas Dr. Smaling provided outstanding leadership as the Texas Environmental Research Consortium (TERC) began management of the NTRD program; and

Whereas under Dr. Smaling's leadership the NTRD program gained national recognition as a high quality diesel emissions reductions program; and

Whereas the TERC Board of Directors wishes to express its thanks to Dr. Smaling for his service.

Now, Therefore, Be it resolved that the Board of Directors of the Texas Environmental Research Consortium hereby approves this **Resolution of Appreciation** to Dr. Rudolf M. Smaling.

Adopted and Approved this 12th day of June, 2008.



Kelly Frels, Chairman

TEXAS environmental improvement
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RESOLUTION 2.47

Whereas the Texas Environmental Research Consortium is committed to implementing an air quality research program that will make significant contributions to the attainment of clean air standards in the Houston-Galveston and Dallas-Fort Worth regions; and

Whereas TERC has qualified an excellent set of organizations to provide research and related services in pursuit of the approved Strategic Research Plan; and

Whereas these organizations have been responsive to the Strategic Research Plan by submitting proposals to answer significant outstanding questions related to air quality science in East Texas and to compliance with the Clean Air Act; and

Whereas the Science Advisory Committee of TERC has reviewed the proposed research project H109 with input from TCEQ; and

Whereas the Science Advisory Committee has made a recommendation regarding awarding a contract for H109 and the projected costs of this contract; and

Whereas Houston Advanced Research Center and the TERC Executive Director have reviewed these recommendations and find them reasonable.

Now therefore be it resolved that the Board of Directors of the Texas Environmental Research Consortium hereby authorizes the Houston Advanced Research Center to engage persons and entities to complete project H109 listed in the attached document for an estimated budget of \$96,000.

Adopted and approved this 12th day of June, 2008.



Kelly Frels, Chairman

TEXAS environmental improvement
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RESOLUTION 2.48

Whereas the Texas Environmental Research Consortium is committed to implementing an air quality research program that will make significant contributions to the attainment of clean air standards in the Houston-Galveston and Dallas-Fort Worth regions; and

Whereas TERC has constituted a Science Advisory Committee to advise and guide the development of research plans and the approval of research projects; and

Whereas the Science Advisory Committee must be guided by policies and procedures that are consistent with and complimentary to the contract and working arrangements between TERC and TCEQ; and

Whereas the Science Advisory Committee of TERC has reviewed the existing by-laws and found that changes were needed;

Whereas the Science Advisory Committee has made a recommendation regarding the needed changes to their by-laws; and

Whereas Houston Advanced Research Center and the TERC Executive Director have reviewed these recommendations and find them reasonable.

Now therefore be it resolved that the Board of Directors of the Texas Environmental Research Consortium hereby approves the recommended changes in the SAC by-laws shown in the attached document labeled version 1.2.

Adopted and approved this 12th day of June, 2008.



Kelly Frels, Chairman

TEXAS environmental improvement
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RESOLUTION 2.49*

Whereas the Texas Environmental Research Consortium (TERC) is responsible for implementing the New Technology Research and Development (NTRD) Program under contract with the Texas Commission on Environmental Quality (TCEQ); and

Whereas the Houston Advanced Research Center issued Request for Grant Assistance 12 to solicit technology projects in accordance with previous authorizations by TERC's Board of Directors; and

Whereas several hybrid truck technology projects were approved that would contribute to TERC's achievement of the legislative goals of the NTRD Program; and

Whereas Oshkosh Inc. was selected for a project but has decided to decline the award;

Whereas New West Technologies had a very similar project that was not selected;

Whereas this project has been evaluated and is now recommended for funding by TERC's Environmental Technology Advisory Council (ETAC); and

Now, Therefore, Be It Resolved that TERC hereby provides final approval for funding of the Technology project outlined below, conditional upon resolution of the issues identified by the ETAC and the TCEQ:

- | | | |
|-------------------------|---|-----------|
| • New West Technologies | Proof of Concept Testing to Evaluate Nox
Reductions in Hybrid Truck and Bus Applications | \$396,686 |
|-------------------------|---|-----------|

Adopted and Approved this 12th day of June, 2008.



Kelly Ffels, Chairman

*Action on this resolution is contingent upon receipt of TCEQ approval.