

PMC-EF2a

(20402)

U.S. DEPARTMENT OF ENERGY  
EERE PROJECT MANAGEMENT CENTER  
NEPA DETERMINATION



RECIPIENT: Tanadgusix (TDX) Foundation

STATE: AK

PROJECT TITLE : Tanadgusix Foundation Hydrogen Project

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-FG36-08GO88096.002	GFO-09-068-001	GO88096

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

**B5.1** Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

Tanadgusix Corporation (TDX) has done a feasibility study for the conversion of their diesel and gas powered vehicle fleet to hydrogen fuel or electric power. They have elected to use electric power as it has been deemed economically feasible. TDX operates 4 diesel buses, several trucks and cars and there is an opportunity to lease ATV's.

This project will include technical and economic feasibility study, comprehensive study report, outreach, project management and reporting, and demonstration.

This project will not involve trenching or construction outside of the existing building footprint. ATV's for ecotourism will operate on existing trails. Other vehicles will operate on designated and established roadways. There will be no hazardous materials involved. There will be no negative impact on wildlife, ecosystems, cultural resources, or geology. There will be a decrease in noise level for this project. Batteries will be Lithium ion batteries and will be disposed of according to state and local ordinances.

This project involves procurement and operation of electric vehicles in an effort to reduce and conserve energy; therefore a CX 5.1 will apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:   
NEPA Compliance Officer

Date: 5/24/10