

Texas Commission on Environmental Quality

PROPOSAL FOR GRANT ACTIVITIES AND NOTICE TO COMMENCE UNDER THE
GRANT UMBRELLA FROM TCEQ TO: CITY OF CORPUS CHRISTI

Proposal for Grant Activities and Notice to Commence No.:
582-14-40055-FY14-01

Rider 8 – Near Non-Attainment Area Work Plan

Grant Number: **582-14-40055**
Proposal for Grant Activities Amount: \$596,195

Time Line

The activities shall begin upon issuance of this executed Proposal for Grant Activities (PGA) and must be completed no later than August 31, 2015.

Total Amount of this Proposal for Grant Activities

The total amount to be reimbursed by TCEQ for activities performed under this Proposal for Grant Activities shall not exceed the amount shown on the face of this PGA unless the amount is changed by an amendment to the PGA.

GRANT ACTIVITIES

Task 1: Ambient Air Quality Monitoring Activities

Task 1.1: The Performing Party (PP) will conduct ambient monitoring of the urban airshed as listed in Table 1: Ambient Air Monitoring Sites to be operated by the Grant Recipient. The geographical location of the monitoring sites is shown in Figure 1. The data will be transferred regularly to the TCEQ's Leading Environmental Analysis and Display System (LEADS) data system as specified in Table 1.

Table 1. Ambient air monitoring sites to be operated.

LOCATION	EQUIPMENT	START DATE	END DATE
Holly Road site (CAMS 660) - Water pumping station operated by the City of Corpus Christi located in the growing suburbs of the south side of the City.	Teledyne API 400E ozone Analyzer or equivalent, RM Young wind sensor or equivalent, Coastal environmental Atmospheric Temperature/Relative Humidity (AT/RH) sensor or equivalent, Zeno 3200 datalogger or equivalent, and Enfora wireless modem.	April 1, 2014	November 1, 2014
		April 1, 2015	August 31, 2015
Aransas Pass site (CAMS 659) - Wastewater treatment plant operated by City of Aransas Pass and in cooperation with the San Patricio Water District. A coastal location to the NE of Corpus Christi.	Teledyne API 400E ozone Analyzer or equivalent, RM Young wind sensor or equivalent, Coastal environmental Atmospheric Temperature/Relative Humidity (AT/RH) sensor or equivalent, Zeno 3200 datalogger or equivalent, and Enfora wireless modem.	April 1, 2014	November 1, 2014
		April 1, 2015	August 31, 2015
Violet site (CAMS 664) - Pumping station located west of Corpus Christi. Rural location surrounded by open field for several miles.	Teledyne API 400E ozone Analyzer or equivalent, RM Young wind sensors or equivalent, Coastal environmental Atmospheric Temperature/Relative Humidity (AT/RH) sensor or equivalent, Zeno 3200 datalogger or equivalent, and Enfora wireless modem.	April 1, 2014	November 1, 2014
		April 1, 2015	August 31, 2015

Odem site (CAMS 686) - Pumping station operated by San Patricio Water District. Rural location NW of Corpus Christi.	Teledyne API 400E ozone Analyzer or equivalent, RM Young wind sensors or equivalent, Coastal environmental Atmospheric Temperature/Relative Humidity (AT/RH) sensor or equivalent, Zeno 3200 datalogger or equivalent, and Enfora wireless modem.	April 1, 2014 April 1, 2015	November 1, 2014 August 31, 2015
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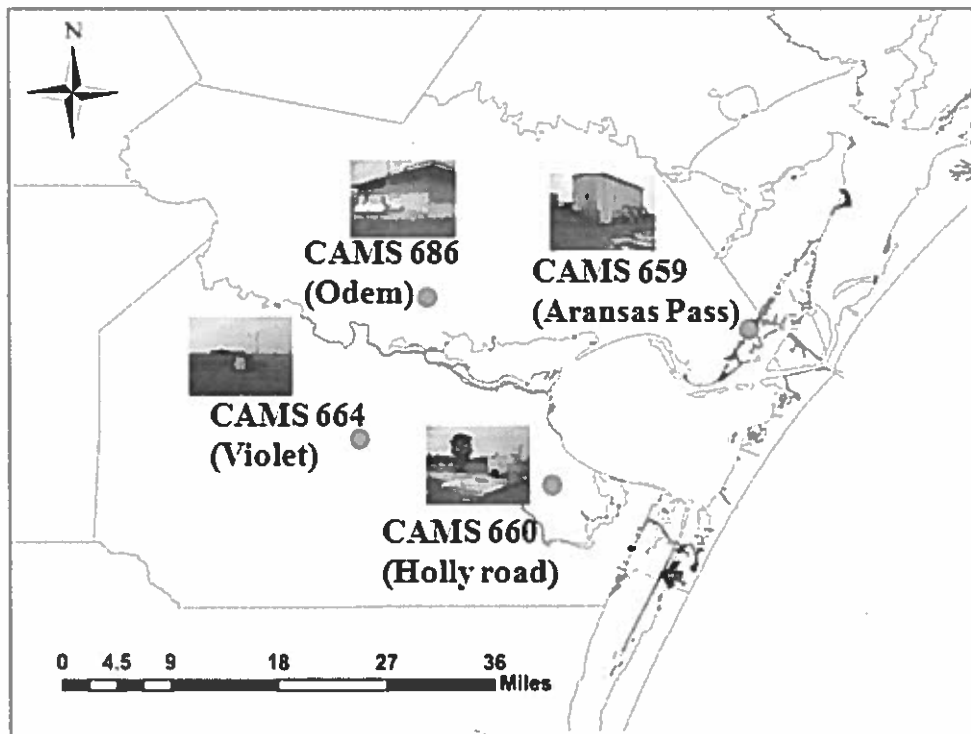


Figure 1. Air monitoring sites in the Corpus Christi urban airshed.

A contractor-owned transfer standard will be calibrated according to TCEQ specifications, policies and procedures in the TCEQ’s NAMS/SLAMS Network and TCEQ SLAMS/Border/NCare Quality Assurance Project. These requirements are based on requirements found in the code of Federal Regulations (CFR) 40, Parts 50, 53, and 58.

The URLs below provide the details –

<http://www.gpo.gov/fdsys/pkg/CFR-2013-title40-vol2/pdf/CFR-2013-title40-vol2-part50-appD.pdf>

<http://www.gpo.gov/fdsys/pkg/CFR-2013-title40-vol6/pdf/CFR-2013-title40-vol6-part53-subpartB.pdf>

<http://www.gpo.gov/fdsys/pkg/CFR-2013-title40-vol6/pdf/CFR-2013-title40-vol6-part58-appA.pdf>

Deliverable 1.1: Ambient monitoring data collected at monitoring sites.

Deliverable Date: Five minute and hourly average data will be available to LEADS to ingest every 15 minutes between April 1, 2014, and November 1, 2014 and April 1, 2015, and August 31, 2015.

Cost: \$213,400

Task 1.2: Equipment upgrade

Upgrade ozone analyzers, wind sensors, outdoor temperature and relative humidity sensors by December 2014. A detailed summary of the equipment upgrade with approximate total cost estimation (for the term of the PGA) is provided in the below Table 2.

Table 2. Equipment upgrade cost at the proposed monitoring stations

1.	Purchase Ozone Monitors at two sites	\$17,400
2.	Repair existing ozone monitors at four sites	\$ 8,000
3.	Purchase wind sensors at two sites	\$ 2,800
4.	Calibrate and repair existing wind sensors	\$ 3,200
5.	Atmospheric temperature and relative humidity sensors at the four sites	\$ 3,600
6.	Purchase Ekto monitoring enclosures	\$15,000
7.	Repair existing enclosures to replace the corroded and weakened enclosures at the field sites.	\$ 4,000
8.	Monitoring supplies	<u>\$ 2,000</u>
Total		<u>\$56,000</u>

Deliverable 1.2: New and repaired monitoring equipment and support infrastructure to provide fault-free measurement at each of the site.

Deliverable Date: No later than December 31, 2014

Cost: \$56,000

Task 2 – Update Conceptual Model through the 2014 Ozone Season:

The Performing Party (PP) will identify necessary and sufficient conditions for high or exceeding ozone measurements in their program area (defined as the immediate statistical area plus adjacent counties) of the ozone National Ambient Air Quality Standards (NAAQS). The PP's analyses will include any seasonal variations and use data through 2014 to the extent possible. In particular, the PP's conceptual model will include the following analyses:

- Evaluate the wind speeds, directions and time of day associated with high ozone events to determine the local conditions and source alignments most frequently associated with high ozone events.
- Develop 24 hour back trajectories to determine source regions most (and least) likely to affect local area ozone.
- Conduct a weekday/weekend analysis to evaluate the potential effectiveness of reduced levels of local industrial and mobile source activity on their area;
- Evaluate the range and average background ozone concentrations associated with local wind directions;
- Investigate ozone and precursor trends and estimate the annual frequency of high ozone days at varying standard levels (above); and
- Address additional relevant questions listed in Section 11.1.1 of EPA's ozone modeling guidance document, Guidance on the Use of Models and Other Analyses for Demonstrating Attainment of Air Quality goals for Ozone, PM_{2.5}, and Regional Haze.

Deliverable 2: The PP will deliver an updated Conceptual Model containing analysis of monitoring and other data for years 2013 and 2014. The conceptual model will be delivered to the TCEQ in a Microsoft Office Word and Adobe Acrobat Reader (*.pdf) format. Accompanying data and other supporting material will be provided in a mutually agreeable electronic format.

Deliverable Date: Conceptual Model containing data through 2013 – March 15, 2014;
Conceptual Model containing data through 2014 – March 15th, 2015

Cost: \$20,000

Task 3 – Ambient monitoring NOx

The PP would perform continuous monitoring of NOx ozone precursors at the urban site during the ozone season as indicated in Table 3.

Table 3. Ambient monitoring stations to be operated to measure NOx

LOCATION (ADDRESS)	EQUIPMENT	START DATE	END DATE
Holly Road site (CAMS 660) - Water pumping station operated by the City of Corpus Christi located in the growing suburbs of the south side of the City.	NOx analyzer	April 1, 2014	November 1, 2014
		April 1, 2015	August 31, 2015

Deliverable 3: The PP will deliver a final report with temporal trends, correlational analysis of NO_x with ozone and episodic analysis, in addition to status updates in the quarterly reports. The report will be delivered to the TCEQ in a Microsoft Office Word and Adobe Acrobat Reader (*.pdf) format. Accompanying data and other supporting material will be provided in a mutually agreeable electronic format.

Deliverable Dates: Final report - August 31, 2015. Status updates – Quarterly.

Cost: \$50,000 (Operating cost \$25,000; Capital equipment (NO_x analyzer) - \$25,000)

Task 4: Planning and Outreach

Task 4.1 The PP will develop, implement and deliver an Auto Check/Clean Fleet program for the Corpus Christi air shed. The Auto Check/Clean Fleet program will measure vehicle emissions from area public and private fleets for hydrocarbons and NO_x, coordinate emission reducing repairs to identified polluting fleet vehicles, re-test the emissions of each repaired vehicle, calculate and quantify emissions reductions as a result of repairs, and enter all pollution measurements (clean and dirty vehicles; pre and post repair) in an excel spreadsheet to be sent to TCEQ with quarterly reports. Vehicles driven 20,000 miles per year or less will be tested annually and vehicles driven in excess of 20,000 miles per year will be tested quarterly. A minimum of 1 fleet recruiting effort and/or emissions testing will be performed each month; starting in December 2013 (events conducted before then will be covered under the FY12/13 Rider 8 work plan). In the event a monthly event is cancelled, it will be rescheduled; if it is rescheduled to a different month, both it and the scheduled event for that month will be performed. PP commits to test an average of 20 vehicles per month, or more, from the period beginning December 2013 through August 2015, or 420 vehicles. PP will make every effort to ensure that at least half of the vehicles tested will be private, non-fleet vehicles.

In addition to this effort, the PP will compile information on emissions of vehicles that utilize new technology and alternative fuels compared to common vehicles found on the road in this area. The PP will attempt to collect data on the number of new technology and alternative fuel vehicles – including gas/electric hybrids, electric-only, CNG, and others – in the Corpus Christi area, as well as the number of “standard” (gasoline/diesel fueled) vehicles, to compare emissions from each, and to estimate the effect on area

wide emissions if, for example, 10% of the Corpus gasoline/diesel vehicle population was replaced by one of the alternatives mentioned above. The PP may make reasonable assumptions in making these estimates or doing calculations needed to obtain these figures.

The PP will compile emissions data into one PowerPoint style presentation that will be made available via the PP website for general use at no cost. This presentation, and others where appropriate for particular audiences, will be made by the PP to civic groups and other local organizations in an effort to promote real-world, successful strategies and ideas to reduce air pollution. The PP shall maintain a continuous community presence of a Pollution Prevention Partnership and air quality messages via media briefings, coordination and participation in air quality outreach opportunities.

Deliverables:

4.1.1. The PP shall sponsor a minimum of one Auto Check/Clean Fleet event each month and provide a quarterly update on events held. Additionally, the PP shall provide an annual report that summarizes the Auto Check/Clean Fleet program and includes the following:

- a. A list of Auto Check/Clean Fleet events, the number of vehicles screened at each one, the number of "clean" vehicles at each one, and the number of "dirty" vehicles at each one;
- b. A spreadsheet in Microsoft Excel format showing the pre repair emissions levels for each vehicle, the cost of each vehicle repair, and the repairs made; and estimating the cumulative emissions reductions provided through the Auto Check/Clean Fleet program.

4.1.2. A spreadsheet in Microsoft Excel format showing the PP's best estimate of total number of vehicles registered in Corpus Christi, and if possible, an estimate of how many vehicles are of new technology or alternative fuels, as described in Task 6.1 above. As well, if reasonably possible the PP will provide an approximate estimate of average VOC and NOx emissions of an average car, and an approximate estimate of total auto/truck VOC and NOx emissions in Corpus Christi,

- a. The PP shall compose a Microsoft Powerpoint presentation containing the items described in paragraphs 3 and 4 of Task 4.1 (above).

A spreadsheet tracking the number of webpage hits and downloads of the presentation, as well as a spreadsheet tracking the groups (date, time, attendance) to which presentations were made. A leave-behind jump drive including the presentation will be presented to the head of every group for their reuse.

PP will provide to TCEQ lists of attendees at each meeting or conference in which it presents the above materials or conferences where it attends but does not present, along with meeting notes from each of these events.

Deliverable Date: August 31, 2015

Cost: \$211,530

Task 4.2 The PP shall maintain a public website to facilitate public access to air quality information.

Deliverable Date: August 31, 2015

Cost: \$0.00

Task 5 Administrative Activities

The PP shall perform all support necessary to ensure that all grant requirements are met and that the Work is completed in on or ahead of schedule, and in accordance to quality expectations set by the TCEQ and the Performing Party. This may include, but is not limited to providing general supervision for grant activities, administering sub-contracts, submitting reports and invoices, facilitating and/or attending meetings for stakeholder groups or other planning entities. The PP shall summarize its activities in a monthly progress report described below.

Deliverable 5: The progress report and monthly invoices shall document, in technical detail and by task, the accomplishments, expenditures, and milestones achieved during the prior thirty (30) days. Specifically, the monthly progress report shall:

1. Summarize all activities performed by the PP with respect to each task and subtask of this work plan for the previous month;
2. Establish performance goals for each task and subtask for the month in which the report is delivered;
3. Compare accomplishments on every task and subtask to performance goals established the previous month;
4. Summarize reasons why performance goals were not met and provide corrective action plan for performance goals that were not met during the reporting period;
5. Provide a preliminary estimate of costs by task and subtask for the reporting period; and
6. Provide an up to date estimate of the cumulative percent completion of each task/subtask/deliverable; and
7. Separate and describe progress for projects by Work Plan and provide one report for activities undertaken under the Phase II work plan and a second report for activities undertaken under the Phase III work plan.

Deliverable Date: The PP shall submit, via electronic mail, a quarterly progress report of its activities according to the schedule set forth in the umbrella grant contract.

Cost: \$40,265

TASK 6: Development of FY2016-2017 Work Plan

The PP shall draft a FY2016-2017 work plan to cover the FY 2016-2017 biennium, based on the assumption that funds will continue to be appropriated for air quality planning in a manner consistent with the terms and amount of TCEQ Rider 8 as adopted by the 82nd Texas Legislature and signed into law by the Governor of Texas. The monetary resources allocated to various types of activity by the PP should adhere to the following priorities set by the TCEQ:

Level One Priorities:

- Collection of ambient air quality monitoring data and accompanying analysis
- Emissions inventory improvements

Level Two Priorities:

- Development of locally based control strategies for ozone reduction
- Photochemical modeling
- Program Planning
- Public awareness, outreach, and education

Deliverable 6: The PP shall deliver a draft work plan for TCEQ review and approval describing activities that the PP proposes to undertake during the Fiscal Years of 2016 and 2017. The TCEQ will work with the PP to approve the draft work plan not later than January 31, 2015.

Deliverable Dates: May 15, 2014, for the draft FY2016-2017 work plan and January 31, 2015, for the approved FY2016-2017 work plan.

Cost: \$5,000

Summary Schedule of Deliverables

(In the event of a conflict between the deliverables or due dates shown in this table and the deliverables or due dates described above, the deliverables and due dates in the table prevail, except that if a deliverable is described above but is not shown on this table, it shall nevertheless be due as described above.)

Deliverable	Deliverable Date	Cost
Task 1 : Ambient Air Quality		

<p>Monitoring Activities Deliverable 1.1: Ambient monitoring data collected at monitoring sites delivered to TCEQ's LEADS)</p> <p>Task 1.2 Equipment Upgrade Deliverable 1.2: - New and repaired monitoring equipment and support infrastructure to provide fault-free measurement at each of the site</p>	<p>1.1: Continuously between April 1, 2014, and November 1, 2014 and April 1, 2015, and August 31, 2015</p> <p>1.2: No later than December 31, 2014</p>	<p>1.1 \$213,400</p> <p>1.2 \$56,000</p>
<p>Task 2 : Update Conceptual Model through the 2014 Ozone Season Deliverable 2: The PP will deliver an updated Conceptual Model containing analysis of monitoring and other data for year 2013 and 2014. The conceptual model will be delivered to the TCEQ in a Microsoft Office Word and Adobe Acrobat Reader (*.pdf) format. Accompanying data and other supporting material will be provided in the electronic format requested by the TCEQ.</p>	<p>2. Conceptual Model containing data through 2013 – March 15th, 2014; Conceptual Model containing data through 2014 – March 15th, 2015</p>	<p>2. \$20,000</p>
<p>Task 3: Ambient monitoring of oxides of nitrogen Deliverable 3: The PP will deliver a report with detailed analysis of ozone precursor data including NOx. The report will be delivered to the TCEQ in a Microsoft Office Word and Adobe Acrobat Reader (*.pdf) format. Accompanying data and other supporting material will be provided in a mutually agreeable electronic format.</p> <p>Task 4: Planning and Outreach Deliverable 4.1: The PP will develop, implement and deliver a Auto Check/Clean Fleet program for the Corpus Christi air shed. Deliverable 4.2: The PP shall maintain a public website to facilitate</p>	<p>3. Report with detailed analysis of ozone precursor data including NOx – August 31st, 2015</p> <p>4.1: August 31, 2015</p> <p>4.2: August 31, 2015</p>	<p>3. \$50,000</p> <p>4.1 \$211,530</p> <p>4.2 \$0.00</p>

the performance of this Work Order and for at least 45 days after it has been completed in its entirety.

Key Personnel

The key personnel to be assigned to the PGA are listed below with each of their qualifications, the task that they will perform, and whether they are employees of Performing Party, independent contractors, or employees of subcontractors.

Key Personnel: The parties will update this section by amendment.

Models and Software to be Used by Contractor

The following models and software must be used by the Contractor. The Contractor may propose additional or substitute models or software in the Work Plan. (In the event models and software are identified in the Tasks above but not here, this Work Order shall be construed as if such models or software were also spelled out in this space; in the event of a conflict between the models and software identified in the Tasks above and those identified here, it shall be resolved by taking the most likely meaning given the totality of the Work Order, but if that is not possible, then the model or software described in this section shall prevail).

Models and software: The parties will update this section by amendment.

Models, Reports, or Other Data to be Supplied to the Contractor by TCEQ

TCEQ is not required to supply any models, reports, or other data except for specific items, if any, listed here:

TCEQ - Project Manager

Name: Jocelyn Mellberg
Air Quality Division
Bldg. E, Room No.: 374S
phone: 512.239.0164
fax: 512.239.1500
e-mail: jocelyn.mellberg@tceq.texas.gov

Performing Party - Project Manager

Name: Sharon Bailey Lewis
Company: City of Corpus Christi
Department: Planning and Environmental Services
Address: 1201 Leopard Street
City State zip: Corpus Christi TX 78401
phone: 361-826-4066
fax: 361-826-4681
e-mail: SharonL@cctexas.com

Cost Budget

In the event of a conflict of terms, a completed Cost Budget Form included in a PGA signed by TCEQ and the Performing Party controls over the blank form included in the contract documents, as to that specific PGA.

Cooperative Reimbursement Grant
 for State Agencies and Local Governments

1. Budget. Authorized budgeted expenditures for activities performed are as follows:

Budget Category	Cost for Activities to be Performed
Salary / Wages	\$ 34,804.26
Fringe Benefits [Rate: 23.11%]	\$ 10,460.74
Travel	\$ 1,000.00
Supplies	\$ 2,000.00
Equipment	\$ 79,000.00
Contractual	\$ 468,830.00
Construction	\$ 0.00
Other	\$ 100.00
Indirect Costs	\$ 0.00
Total	\$ 596,195.00

2. Advance Payments. The Performing Party may submit a request for advance of 33% of the total amount of this PGA after this PGA is signed by both parties. The Performing Party may submit a request for an additional advance of 37% of the total amount of this PGA with its submission of its FSR for the September 2013- November 2013 quarter or thereafter. The Performing Party may submit a request for an additional advance of 20% of the total amount of this PGA between November 1, 2014 and November 15, 2014. For the remaining 10% of the total amount of the PGA, the Performing Party may request reimbursement in accordance with the requirements in the grant. All advance payments are subject to the Special Terms and Conditions regarding Advance Payments and all other applicable requirements in the Grant. All advance payment requests shall be in the form of a written invoice requesting advance payment. If Performing Party requests reimbursement in addition to advance payments, TCEQ may proportionately adjust subsequent advance payments. Requests for advance payment must be submitted in writing and labeled as an invoice.

3. Indirect Cost Reimbursable Rates and Base. The reimbursable rates for this Contract are 0 % for Performing Party Fiscal Year (FY) 2014, and 0 % for

Performing Party FY2015 (estimated) of (check one):

Base:

salary and fringe benefits

modified total direct costs (MTDC): The anticipated modified total direct costs for Performing Party FY14 are \$xx,xxx.xx, and for Performing Party FY15 are \$xx,xxx.xx. These are the total anticipated direct costs for the respective fiscal years, minus items not included in the base (equipment expenditures and all other distorting costs).

Performing Party includes the first \$_____ of each contract in its MTDC.

other direct costs base

If other direct cost base, identify: N/A.

4. **Other.** If Budget Category "Other" is greater than \$25,000 or more than 10% of budget total, identify the main constituents:
N/A.
5. **Travel.** In order to be reimbursable, travel costs must be specifically authorized in advance of the travel. Travel costs, including per diem, will be reimbursed only in the amount of actual costs, up to the maximum allowed by law for employees of the State of Texas at the time the cost is incurred. Travel by volunteers will not be reimbursed. The Performing Party shall submit out-of-state travel requests to the TCEQ Grant Manager no later than 30 days prior to travel. Travel by the Performing Party shall not occur without TCEQ authorization. Additional requirements applicable to travel are included elsewhere in this Contract.
6. **Budget Categories.** The Budget Categories above have the definitions, requirements and limitations stated in UGMS. Construction costs are not reimbursable without prior, specific written authorization from TCEQ.
7. **Budget Control.**
 - 7.1 Performing Party may transfer amounts between the approved direct cost budget categories so long as the cumulative transfers to or from a line item do not exceed 10% of half of the Total Budget amount. Total costs to be reimbursed must be at or less than the budget total specified. All invoices must be submitted in a format that clearly shows how this requirement is being met. Performing Party must timely submit a Budget Revision Request (BRR) Form reflecting the revised budget. The Performing Party's written request shall include the reason for the request, a redline/strikeout version of the currently approved budget, a narrative of each fund transfer among the budget categories, and a description of how the budget transfers will change each task. Upon approval by the TCEQ Grant Manager, the BRR will automatically be incorporated into this Contract as though it is a document revised under General Terms and Conditions Section 1.2.
 - 7.2 Cumulative transfers greater than or equal to 10% of the Total Budget. TCEQ must **pre-approve in writing** all budget revisions that result in the cumulative transfer of funds equal to or greater than 10% of the Total Budget

of this PGA during the Contract period. The Performing Party must supply the completed BRR and information listed in the previous section with its request for amendment of the PGA. A PGA amendment is required **before** Performing Party incurs these costs.

- 7.3 Performing Party may not transfer amounts to budget categories containing zero dollars without written TCEQ pre-approval.
- 7.4 The 10% limit does not reset until an amendment is signed by the parties to reflect changes to the budget.
8. **Supporting Records.** Performing Party shall submit records and documentation to TCEQ as appropriate for the review and approval of reimbursing costs. See the FSR for an explanation of what documentation must be provided with the FSR regarding costs. TCEQ may reject invoices without appropriate supporting documentation. TCEQ has the right to request additional documentation. Although this Contract only requires that certain documentation be provided with the FSR, the Performing Party shall maintain records subject to the terms of this Contract, including the Uniform Grant Management Standards.
9. **Indirect Costs.** Performing Party's indirect costs will be reimbursed at the reimbursable rate shown above (if no reimbursable rate is shown above, indirect costs are not reimbursable under this Contract). The reimbursable rate must be less than or equal to the rate authorized under UGMS.
10. **Adjustment of Indirect Rates.** Performing Party acknowledges that TCEQ's budget is limited and funds may not be available to reimburse any increase in indirect costs. Performing Party waives any right it may have to upward adjustment of its indirect rate, and agrees to contribute any such increase to the successful performance of this Contract; provided, however, that any adjustment made by adjusting the indirect cost pool in the subsequent fiscal year in accordance with UGMS is allowed. TCEQ waives any right it may have to a downward adjustment of Performing Party's indirect rate, unless the reimbursable rate is greater than the Performing Party's actual indirect costs. If the latter case, if reasonably feasible, a compensating adjustment downward shall be carried forward to this Contract or a future contract. If not feasible, where permitted by law TCEQ and Performing Party may identify additional services to be performed by Performing Party as a compensating adjustment, or Performing Party shall reimburse TCEQ the excess indirect costs paid.

In addition, if at any time Performing Party uses an indirect rate which has been approved by its appropriate, internal governing body and submitted to its Federal cognizant agency for approval, but which has not yet been approved by its Federal cognizant agency, and a different rate is subsequently approved by Performing Party's Federal cognizant agency (or its state coordinating agency), TCEQ and Performing Party shall agree on an appropriate adjustment. If neither Performing Party's Federal cognizant agency nor its state coordinating agency act on its indirect rate submittal within a reasonable time, or if the rate is found to contain costs that are unallowable, the situation shall be handled in accordance with UGMS.

*****End of Cost Budget*****

PGA No. ~~582-14-40055-FY14-01~~ is agreed to by TCEQ and the Performing Party as of the latest signature date below. The amount shown as "Proposal for Grant Activities Amount" in the heading of this PGA is the maximum amount to be paid to the Performing Party in accordance with the Cost Budget included in this PGA, unless the amount is amended in accordance with the Contract. This document, which has been signed by both parties, is the Performing Party's Notice to Commence with the activities in the PGA on September 1, 2013. If final signature on Amendment #1 (to increase the Maximum Authorized Reimbursement amount of the Grant) occurs on the same day as final signature of this PGA or prior to the final signature of this PGA, this Notice to Commence is for the full "Proposal for Grant Activities Amount" in the heading of this PGA. If not, this Notice to Commence is for \$442,300.

TCEQ:
Texas Commission on Environmental Quality

Performing Party:
City of Corpus Christi

By: _____

By: _____

(Authorized Signature)

(Authorized Signature)

Richard A. Hyde, P.E.

Ronald Olson

(Printed Name)

(Printed Name)

Deputy Executive Director

City Manager

(Title)

(Title)

Date: _____

Date: _____