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December 13, 2012

Attention: Mr. Glen Sullivan, P.E.
Director Public Works, Nueces County
901 Leopard Street
Corpus Christi, TX 78401

Re: RFQ No. 2889-11 Engineering Services for Review of the Energy Savings Performance Contract (ESPC)

Dear Mr. Sullivan;

LNV Inc. (LNV) has reviewed the contents of your letter dated November 1, 2012 regarding the Johnson Controls, Inc. (JCI) Energy Savings Report and all applicable reference material. Our formal response regarding the review of this information is contained in the enclosure. Shall you have any questions, please do not hesitate to contact me at 210 822-2232. Thank you.

Respectfully Submitted,
LNV, Inc.
TBPE Firm No. F-366

Donald D. Naiser, Jr.
Vice President, Energy Division

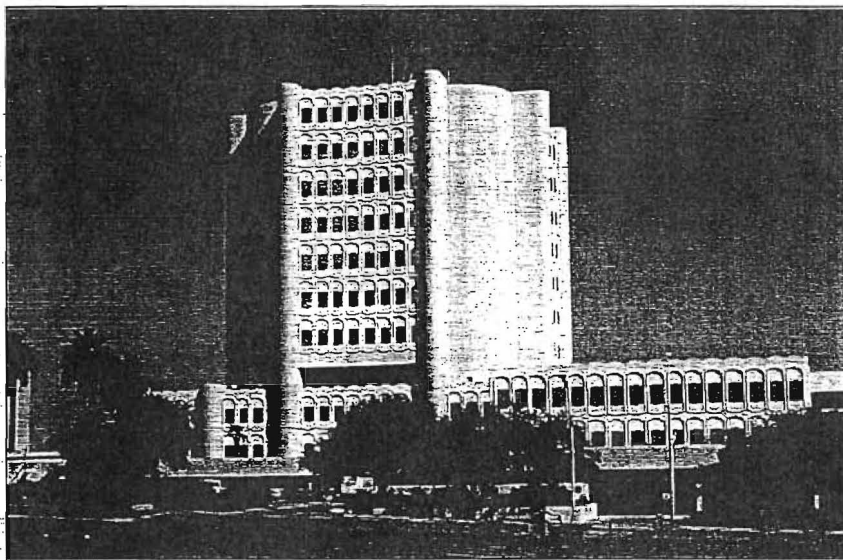
Enclosure:

LNV Professional Engineering Report on "JCI Year 1, Qtr 2 Energy Savings (Update) Report" dated 13 December 2012

INTERIM REPORT
Of
Engineering Services for Review of the Energy Savings Performance Contract
RFQ 2889-11

For

Nueces County Courthouse, Old Jail & New Jail



“JCI Year 1, Qtr 2 Energy Savings (Update) Report” Review Provided by:



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LNV Project Number 110317

December 13, 2012



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References:

Reference (a) Johnson Controls, Inc. (JCI)/ Nueces County (NC) Performance Contract dated 28 July 2010

Reference (b) NC notification of RFQ No. 2889-11 contract award to LNV dated 15 August 2011

Reference (c) 2009 Texas Code, LOCAL GOVERNMENT CODE, TITLE 9. PUBLIC BUILDINGS AND GROUNDS; Subtitle C. PUBLIC BUILDING PROVISIONS APPLYING TO MORE THAN ONE TYPE OF LOCAL GOVERNMENT, CHAPTER 302 ENERGY SAVINGS PERFORMANCE CONTRACTS FOR LOCAL GOVERNEMENTS

Reference (d) Change Order 001 to JCI-NC Performance Contract dated 27 July 2011

Reference (e) NC notification of JCI-NC Performance Contract Change Order 002 dated 6 March 2012

Reference (f) Energy Savings Report, Year 1, Qtr 2 from Johnson Controls, Inc. dated 30 October 2012

Reference (g) Nueces County letter forwarding JCI Energy Savings Report dated 1 November 2012

Reference (h) Nueces County Public Works Director – LNV Work Authorization dated 13 December 2011

Reference (i) JCI Utilities Assessment Report (UAR) Update dated 30 April 2010

Reference (j) JCI Utilities Assessment Report(UAR) Update dated 19 August 2011

Reference (k) Nueces County letter forwarding JCI as-built information dated 7 February 2012

Reference (l) JCI letter regarding "JCI-Nueces County UCRM Warranty Dates" dated 7 November 2012

Introduction and Background:

On July 28, 2010 a Performance Contract [reference (a)] was executed between Nueces County ("Customer") and Johnson Controls Inc., ("JCI") to deliver eight (8) Utility Conservation Reduction Measures (UCRM). LNV was contracted [see reference (b)] by Nueces County to perform third party Measurement & Verification review services in accordance with 2009 Texas Code [see reference (c)]. Reference (a) was modified twice [reference (d) and (e)] deleting UCRM #5 and adding UCRM #9 and #10 for a total construction price (as modified) of \$7,907,843, this cost also included engineering audit expenses, metering and monitoring. Nueces County forwarded the JCI "Energy Savings Report, Year 1, Qtr 2" [reference (f)] under cover letter dated 1 November 2012 [reference (g)]. This report is provided to meet LNV's third party measurement & verification quarterly update review requirements of reference (a), (b) and (c). The warranty dates and cost summary of the nine (9) installed UCRMs are summarized in Table 1 below. A summary for the status of each UCRM is provided in "Third Party Post Construction UCRM Review" section below. The energy savings measured & verified by JCI is summarized below.



Table 1

UCRM #	Measure Description	Warranty End Date ¹	Construction Price ²	Building	Comments
1	Power Factor Correction	31-Mar-13	\$ 104,049	Courthouse, Old & New Jail	
2	Lighting Improvements	31-Oct-12	\$ 948,199	Courthouse, Old & New Jail	
3	Boiler Plant Upgrades	15-Sep-12	\$ 633,711	Courthouse	
4	Chiller System Improvements	15-Sep-12	\$ 431,666	Courthouse	
5	Non-Chemical Water Treatment	31-Dec-12	\$ (11,327)	Courthouse	Deleted by Change Order No. 1
6	Water Conservation Measures	31-Dec-12	\$ 1,716,257	Courthouse, Old & New Jail	
7	Solar Measures: Solar & Photovoltaic	31-Oct-12	\$ 968,453	Courthouse, Old & New Jail	JCI to provide: (1) Structural Calculations, (2) Lightening Protection, (3) Tests & Training
8	HVAC Improvements	31-Mar-13	\$ 2,666,096	Courthouse	
9	Courthouse Control Valve Replacement	31-Mar-13	\$ 133,083	Courthouse	Added by Change Order No. 1
10	Jail Air Handling Unit & Controls Replacement	31-Mar-13	\$ 176,612	Old Jail	Added by Change Order No. 1. Warranty on Labor ends 31 March 2013 and warranty on Hardware ends 31 March 2015.
	Engineering Audit Expenses		\$ 137,857		
	Metering and Monitoring during		\$ 3,187		
Pricing Total =			\$ 7,907,843		

Note 1: Dates as reported by JCI in unsigned letter dated 7 November 2012.

Note 2: Prices are as adjusted by Change Order No. 2.

Summary and Recommendations

UCRM Installation Review: Following the requirements of references (a) and (b), as guided by regulations of reference (c), LNV has completed a review of JCI installed UCRMs and review of energy savings as reported in reference (f). The installation of UCRMs, listed in Table 1 above, has been completed in accordance with reference (a). The "Guarantee Term" pertaining to the Measurement & Verification reporting requirements commenced the date after the complete installation of all UCRMs. This Guarantee Term start date is 1 April 2012. Reference (a) was modified twice [reference (d) and (e)] deleting UCRM #5 and adding UCRMs #9 and #10 for a total construction price (as modified) of \$7,907,843. This modified price also includes engineering audit expenses, metering and monitoring. The warranty periods have expired for UCRMs #1, #2, #3, #4, #6 and #7 and remain open for UCRMs #8, #9, and #10 (see Table 1 above). Minor deficiencies were identified during LNV's UCRM walk through and recommendations to correct those deficiencies are listed below:

- Recommend Nueces County require JCI provide Lightning Protection for PV Solar and Thermal projects with ground test reports, or verify that Lightning Protection is not required.
- Recommend JCI provide calculations and Licensed Professional Engineer certifications to ensure designs and installation of roof mounted PV Solar and Thermal systems meet hurricane wind load criteria as per applicable building codes.
- Recommend JCI provide complete controls wiring diagrams with numbered wires as per codes, standards and specifications with test results that controls operate per designs.
- Recommend that two functioning Control Stations with computers be provided so that HVAC system controls can be monitored and maintained per contract requirements.
- Recommend JCI provide testing, training and coordination with Nueces County staff as required to ensure system monitoring, maintenance, and performance is sustained in a way that delivers required comfort and agreed to energy efficiencies.
- *Recommend JCI continue to provide Measurement & Verification reports that comply with Article VI, page 36 of reference (a) requirements, with reports delivered to Nueces County according to the below schedule:*
 - *Provide a Measurement & Verification report NLT 1 June annually.*
 - *Provide quarterly update Measurement & Verification reports on or about 15 October, 15 January, and 15 April.*
 - *Recommend report format remain consistent. Recommend that JCI continue to coordinate report contents and results with LNV as per reference (a).*

LNV conducted a walk thru assessment of installed UCRMs to review quality of installation, sustainment, operation, maintenance, repairs, changed situations and provide an update. The LNV team has conducted post installation review of UCRM plans, specifications and related documents. All UCRMs are substantially complete and working in accordance with acceptable standards and have been accepted by Nueces County. Details regarding improvements that can be made are stated in the "Third Party Post Construction Review" section of this report.

Energy Savings Review: Mr. Donald D. Naiser, Sr. (PE and CSDP) and Mr. Donald D. Naiser, Jr., (PE_(WA) and Certified Building Analyst) reviewed "JCI Energy Savings Report Year 1 Quarter 2" [reference (f)] following the requirements of reference (a), (b) and (c). *It is my Engineering Opinion that the savings reported by JCI in reference (f) are being realized by Nueces County. As of the time of the report for year one, quarter two (2) (1 April through 31 September 2012), there was a negative variance of approximately \$23,276. However, there was a total measured cost avoidance for your guarantee program including installation through September 2012 of approximately \$666,930. JCI should make adjustments (with Nueces County Public Works approval) to the HVAC control settings in order to ensure the "negative variance" is corrected. In*

any case, savings realized far exceed those savings guaranteed by JCI. Below is an Energy Savings Review summary:

- I. The LNV review team became familiar with the details of the performance contract [reference (a)], LNV's Third Party Review contract [reference (b)] and applicable Texas Code [reference (c)].
- II. *Our review of reference (f) indicates that baseline values and calculations follow reference (a) requirements and produced accurate results that meet the intent of references (a) and (c).*
- III. The LNV review team conducted spot check calculations to verify that the baseline consumption used in the "Baseline/SimActual for Nueces County Project Year Ending 03/31/13" of reference (f) were calculated according to the Article IV, Schedule 2 on page 29 of the performance contract, reference (a). The reported consumption adjustments appeared to be made properly based on number of days in billing period and "Cooling Degree Days". There was no adjustment for changes in rates during the reported periods. Our baseline calculation spot checks were within 2% of those reported by JCI in reference (f). The difference is possibly due to slight differences in variables, such as Cooling Degree Days. We verified that Nueces County actual billing data was used to calculate the electric savings reported in reference (f).
- IV. Same spot check was conducted on gas baseline and SimActual and our spot checks were within 2% of those numbers reported by JCI in reference (f). We verified that Nueces County actual billing data was used to calculate the gas savings reported in reference (f).
- V. LNV reviewed the agreed upon water savings which were based on calculations of the efficiency for each item replaced and number of water control devices (i.e. toilets, urinals, showers, faucets, and other) that replaced existing fixtures. The LNV team verified that the reported savings were approximately correct. *We found that JCI was under reporting savings by approximately 10% which we believe could be claimed as savings according to the performance contract Article IV, Schedule 2 on page 33 of reference (a). Actual water, twelve (12) month, rolling total cost for September 20, 2012 indicates a reduction of approximately \$15, 123 per month compared to rolling, twelve (12) month cost in September 18, 2009. This indicates a savings of more than double the agreed upon savings.*
- VI. JCI's Bill Coe coordinated well with LNV to be sure Measurement & Verification data, calculations and methodology could be verified and complied with the performance contract, reference (a).

Third Party Post Construction UCRM Review

In accordance with the Engineering Services Contract [reference (b)], LNV was contracted to review all UCRMs installed by JCI under their performance contract [reference (a)] and verify that facility improvements meet applicable codes and standards. Work Authorization for LNV to initiate "Third Party Measurement & Verification Review Services" for the year 2012 was ordered by the Director of Public Works on December 13, 2012 [reference (h)]. LNV's technical review effort focused on the installed UCRMs as listed in Table 1 above. The review was performed in accordance with references (a) and (b), as guided by reference (c). The performance contract utility conservation reduction measure improvement works were initiated once submittals were approved by the third party design review agent and Nueces County. Records indicate that a third party design review for State Energy Conservation Office (Texas Comptroller of Public Accounts) was conducted by Energy Systems Associates, a Terracon Company, 100 East Main Street, Round Rock Texas 78664 (point of contact, Brian P. Clark).

LNV reviewed the performance contract project records, submittals, status of project documentation as forwarded by Nueces County [see references (i) through (l)]. A "Substantially Completed and Acceptance Summary" of UCRMs is provided in Table 1 above:

This report is provided as feedback of completeness and identifies clear deficiencies of the JCI Energy Savings Performance Contract work performed to date, to include the following tasks:

Task 1.b. "Summary Performance Report (interim);"

Task 2.a. "Post Construction Review;"

Task 3. "Physical Assessment of Installed UCRMs" as required by LNV's Engineering Services for review contract [reference (b)] of the JCI/Nueces County Energy Savings Performance Contract [reference (a)].

In February 2012, LNV received a compact disc of JCI submittals for the designs and installation of the UCRMs [see reference (k)]. LNV's assessment team reviewed these submittals in detail. The lead from LNV's assessment team held a meeting with Nueces County Public Works Department representatives on February 15, 2012 and from February 15 to 17 conducted a walk thru of the Nueces County facilities to review installed UCRMs. Mr. Raj Kapoor was LNV's lead in attendance at this meeting, and assessments were conducted by Mr. Raj Kapoor, Mr. Harrison Hudson (LNV Lead Assets Manager) and Mr. Doug Lawrence (LNV Structural Engineer). An advisory was given to Nueces County regarding frequent starts and stops for the Muira Boilers recommending immediate timing and pressure adjustments (it is our understanding that this was corrected). During this February 15 to 17 walk through, all Court House facilities that received UCRMs were visited and the LNV assessment team conducted spot checks in the Old and New Nueces County Jails. Multiple follow-up visits were conducted after this February visit in order to check for corrections and

completed work following the acceptance of all UCRMs after 31 March 2012. At a minimum, all UCRMs were reviewed conducting a sampling of spot checks of installed UCRMs as required to evaluate adequate installation, code and standard compliance, and to determine general system performance. The team findings are as follows:

UCRM # 1 Power Factor Correction:

AUTOVAR Filter Power Capacitor Bank 450 KVAR, 480 Volts 3 Phase, 60 Hertz with 18 units @25 KVAR each and the Capacitor Banks were installed. Based on the power factor system checks during an LNV walk through, the Utility Conservation Reduction Measure improvement contracted to be installed under reference (a) appeared to be substantially completed. No significant deficiencies were noted.

UCRM # 2 Lighting Improvements

Various T8 lights were inspected in the mechanical rooms and other areas. It was noted that project close-out paper work and operations and maintenance manuals for all light fixtures in the Court House, Old Jail and New Jail was not yet delivered to the Nueces County Public Works Maintenance Staff. The lighting works appeared to be substantially complete. All that remains is for JCI to submit project close-out documentation and respond to minor "punch-list" items.

UCRM # 3 Boiler Plant Upgrade

This UCRM has been substantially completed and accepted by Nueces County. During the walk through it was noted and reported to Nueces County that the boilers were experiencing frequent starts and stops. Muira Condensating Boilers are efficient and installation met the code mandated clearances. *During the walk through it was noted that equipment name plate information was not labeled with metallic name plates that should last beyond the life of the equipment (over 16 years). The Muira name plates are non-metallic material and should be metal. The timing and pressures for start and stop of boilers should be adjusted to extend life of the equipment.* Based on the boiler plant upgrade checks conducted during an LNV walk through, the Utility Conservation Reduction Measure improvement contracted to be installed under reference (a) appeared to be substantially completed.

UCRM # 4 Chiller System Improvements

The system improvements have been substantially completed and complied with codes and standards. Due to cooler weather the chilled water was not needed at time of walk thru. This chilled water operation will be reviewed in next walk thru when the system is operating in a cooling cycle. The team returned to the site and conducted measurement and inspections during the summer and found that the system was operating within acceptable standards. All visible system checks that could be performed indicate that this UCRM is operating properly and substantially completed.

UCRM # 5 Non-Chemical Water Treatment

This UCRM was deleted based on Change Order One (1) [see reference (d)].

UCRM # 6 Water Conservation Measures

In the rest rooms visited by the LNV review team, the water conservation fixtures were in place and operational. All that remains is for JCI to complete all fixtures replacement as per scope of work and submit a substantial complete notification to Nueces County for acceptance. Based on the sampled locations checked during LNV walk through, the water conservation measure improvements contracted to be installed under reference (a) appeared to be substantially completed.

UCRM # 7 Solar Measures Thermal and PV

A 25 kW Solar PV array was installed on the Courthouse roof. The array was in place and operational. The total power/thermal generation could not be verified at time of the visit. *A Nueces County electrician will be needed to assist the LNV assessment team with verifying the current and power production during a follow-on visit. Recommend Nueces County require JCI provide design calculations and certifications to ensure installation will meet applicable hurricane wind loads. The LNV Structural Engineer expressed concerns over the type of mounting and life of adhesive that is joining ply for pipe support, however cannot provide definitive opinion until the calculations and certifications are submitted. In a JCI submittal no such calculations or Texas Professional Engineer stamp could be found in the documentation. Additionally, the Jail and Courthouse requires lightning protection but the PV array does not include this lightning protection. For 110 Solar Panels size 66"x39", the ground was in place but the maintenance department was not given the ground test results or training to date. Once documentation is provided, LNV can review the documentation and return to the site to evaluate installation and system performance.*

Thermal Array at the Jail roof was reviewed **84 Thermal panels** with 1.6 gpm fluid capacity and 1.2 gpm flow rate were in place. Incidence Angle Modifier meeting ASHRAE 93-86 for Axis and to raise temperature by 36 F was seen on the roof. *Recommend Nueces County require JCI provide design calculations and certifications to ensure installation will meet applicable hurricane wind loads. These elements are required to meet Life Safety requirements. All requirements as applicable to meet Lightning Protection Institute, UL 96 A and NFPA 780 are to be met in their entirety. The Jail and Courthouse require lightning protection but the PV array does not include this lightning protection. No data for capacity tests, ground tests and staff training was available at the time of walk thru. Once JCI provides the "substantially complete acceptance" request they should first provide the operation and maintenance support information, lightning protection and Maintenance and Operations training as required prior to acceptance. Once documentation is provided, LNV can review the documentation and return to the site to evaluate installation and system performance.*

Based on the solar measure thermal and PV system checks conducted during an LNV walk through, the Utility Conservation Reduction Measure improvement contracted to be installed under reference (a) appeared to be substantially completed.

UCRM # 8 Courthouse HVAC Improvements

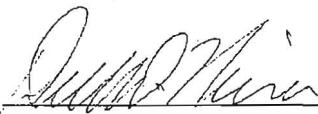
LNV assessment team noted, during this February walk thru, that some VAV boxes were in place and controls were properly wired. Based on the timing of the installation and the LNV *initial assessment, the LNV team was able to inspect more closely and found that in two Air Handling units the outside air dampers were fixed in the closed position, while another was minimally open. It appeared that the linkage for the outside air damper might not have been properly balanced or not operating properly. This issue did not appear to be caused by an installed UCRM nor did it appear to be a UCRM requirement. However, this issue could be causing some envelope pressure issues for building performance (ASHRAE ventilation standards require building to be under positive pressure to avoid any dust and air seepage from different parts of the building envelope, so that all air can be filtered and treated). Nueces County should have a controls technician review the function of all outside air dampers (this service could be provided by a County employee or this can be assigned to an engineering consulting firm under supervision of a qualified professional engineer.)* Based on the Courthouse HVAC improvements system checks conducted during an LNV walk through, this Utility Conservation Reduction Measure improvement contracted to be installed under reference (a) appeared to be substantially completed.

UCRM # 9 Courthouse Control Valve Replacement

Based on the sampled locations checked during LNV walk through, the control valves had been replaced and work was conducted in accordance with codes and standards. The control valve replacement improvements contracted to be installed under reference (a) appeared to be substantially completed.

UCRM # 10 Replacement of Two Air Handlers in Jail

Based on the sampled locations checked during LNV walk through, the air handlers required to be installed per change order one [see reference (e)] had been installed and work was conducted in accordance with codes and standards. The control valve replacement improvements contracted to be installed under reference (a) appeared to be substantially completed.

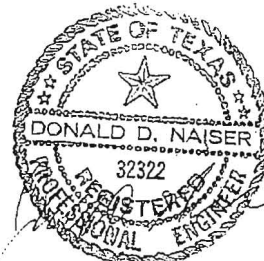


Date signed: December 13, 2012

Donald D. Naiser, Sr., PE, CSDP

LNV, Inc.

TBPE Firm No. F-366



12/13/2013



July 10, 2012

Certified Mail
Return of Receipt # 7007 0710 0001 5529 9078

Mr. Glen Sullivan, P.E.
Director of Public Works
Nueces County
901 Leopard Street, Suite 103
Corpus Christi, Texas 78401-3602

**NUECES COUNTY
PUBLIC WORKS
REC 16 JUL 12 PM 2:48**

Subject: Nueces County Energy Conservation Project (Performance Contract)

**Re: Mr. Glen Sullivan's letter dated April 16, 2012 of same subject
Mr. Glen Sullivan's letter dated April 20, 2012 of same subject**

Mr. Sullivan,

Please find our response below to the following items you listed in the above referenced letters:

1. Texas Jail Standards

- a. Please find attached here to a letter from Troy D. Knight, P.E., dated March 16, 2011, regarding the water conservation measures installed in the Nueces County jail compile with the Texas Jail Commission on Jail Standards
- b. Please find attached here to a letter from Scott Stridde, P.E., dated January 20, 2011, regarding the lighting conservation measures installed in the Nueces County jail compile with the Texas Jail Commission on Jail Standards

2 & 3. Wind-Storm Certification & Hurricane Level Wind Loads

An Application for Certification of Compliance has been submitted by Charles W. Schibi, P.E. to the Texas Department of Insurance Inspections for both the solar PV and solar thermal systems installed. A copy of each application is attached here to.

As of this letter, the applications have not been certified by the Texas Department of Insurance Inspections and show only a status of "Active". To review the progress, you may go to the following website address, <http://www.tdi.texas.gov/WIND/>, go down the page to WPI-8 Certificate of Compliance Search, and search for the courthouse address. The "App ID"s are 688525 and 688521.

We will continue to monitor the certification and advise you as to when they are approved.

4. Lighting Protection

All electrical for the solar measures were installed and grounded per local electrical codes. The installation was inspected and approved by the City of Corpus Christi's code enforcement as well as AEP Texas.

5. Adhesives

The adhesive used for the installation was the Duralast Water Based Duro-Last Duro-Fleece Membrane Adhesive provided by Pinnacle Roofing Systems, Inc. (1608 South Brownlee Boulevard, Corpus Christi, Texas 78404) a certified Duralast installer that originally worked



Johnson Controls, Inc.
Controls Group
1603 Loop 289 West
Lubbock, TX 79416-5124
Tel. 806/795-8800
Fax: 806/795/0323

on the existing membrane. To insure the correct product was procured, all purchasing for the roof adhesives went through this company. Additionally, this company was used to repair any roof penetrations to maintain any existing warranty's the county may have on the existing roof. A specification sheet is attached here to.

6. As-Built Drawings

All as-built drawings were included in the compact disc previously forwarded to you on May 22, 2012 under separate cover.

Respectfully submitted,
JOHNSON CONTROLS, INC.

J. Allen Tipton
Solutions Project Manager

Cc:

Steve Waterman
Joel Lopez
Thomas Bailey
Gus Koutsouvas

Account Executive
Account Executive
General Counsel

Nueces County via email
Johnson Controls, Inc. via email
Johnson Controls, Inc. via email
Johnson Controls, Inc. via email

Attachments:

- 1.) Troy D. Knight, P.E. with RTS Water Solutions letter dated January 20, 2011 (1 page)
- 2.) Scott Stridde, P.E. with Stridde, Callins & Associates, Inc. letter dated March 16, 2011 (1 page)
- 3.) Application for Certificate of Compliance, Form WPI-1, for installation of roof solar collector mounts 112 total, submitted by Charles W. Schibi, P.E. dated 6/6/2012 (1 page)
- 4.) Application for Certificate of Compliance, Form WPI-1, for installation of roof solar collector mounts 154 total, submitted by Charles W. Schibi, P.E. dated 6/6/2012 (1 page)
- 5.) Duro-Last Duro-Fleece Membrane Adhesive. Data Sheet, Revised 7/7/2011 (2 page)



January 20, 2011

Mr. Glen R. Sullivan
Director of Public Works
County of Nueces
901 Leopard Street, Suite 103
Corpus Christi, TX 78401-3602

Re: Texas Jail Commission on Jail Standards

Mr. Sullivan:

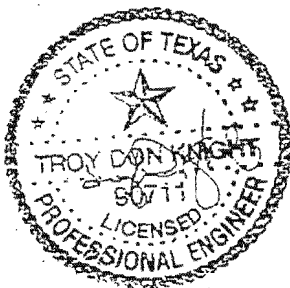
Per your request, this correspondence is to confirm that all new and replacement equipment installed by RTS Water Solutions as part of the Johnson Controls energy project associated with Nueces County complies with the Texas Jail Commission on Jail Standards.

Please feel free to contact me if you have any questions regarding this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Troy D. Knight".

Troy D. Knight, PE
President





Stridde, Callins & Associates, Inc.

342 S. Navigation Blvd.
Corpus Christi, TX 78405-3615
Phone: (361) 883-9199 • Fax: (361) 883-9177

Consulting Engineers
Mechanical — Electrical

March 16, 2011

Mr. Glen R. Sullivan, P.E.
Nueces County Department of Public Works
901 Leopard, Suite 103
Corpus Christi, Texas 78401-3602

Re: Texas Jail Commission on Jail Standards
Johnson Controls Energy Performance Project

Dear Mr. Sullivan,

The following is pursuant to your correspondence addressed to Mr. Allen Tipton of Johnson Controls Inc. requesting correspondence (from a registered engineer) stating that installations associated with referenced project will comply with the TCJS requirements.

I have reviewed "Scope of Work" documents submitted to me by Retro-Tech Systems Inc. (electrical subcontractor to Johnson Controls for referenced project). Based upon my review of such documents and subsequent correspondence with Retro-Tech Systems Inc.; to the best of my knowledge and belief all electrical installations in the jail areas of work will comply with applicable requirements of the TCJS.

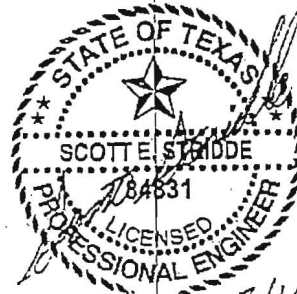
Sincerely,

STRIDDE, CALLINS & ASSOCIATES, INC.

Scott Stridde, P.E.

SS/cm

Cc: Andy Perry – Retro-Tech Systems, Inc.



3/16/11

ATTN: Beaded Correction Type of inspection



TEXAS DEPARTMENT OF INSURANCE

Windstorm Inspections / MC 103-1E 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
(512) 322-2203 or toll free 1-(800)248-6032 Fax (512) 322-2273 TDI website: www.tdi.state.tx.us

APPLICATION FOR CERTIFICATE OF COMPLIANCE

Form WPI-1

Physical Address of Structure to Be Inspected (Complete 9-1-1 Street Address including house/building Number):

901 Leopard St. (County Jail)

Tract or Addition

Lot Tract

Block

City Corpus Christi

Zip Code 78401

County Nueces

Inside City Limits Outside City Limits

Structure is located in: Inland II Inland I Seaward

Is the structure located in a Coastal Barrier Resource Zone (COBRA): Yes No

Owner:

Name: Nueces County

Telephone No.: 361-887-2222

Fax No.:

Mailing Address: 901 Leopard St.

City: Corpus Christi

Zip Code: 78401

Builder/Contractor (at time of construction):

Name: Sun Quest Energy

Telephone No.: 727-688-5919

Fax No.:

Mailing Address: 13620 49th St. North

City: Clearwater

Zip Code: 33762

Engineer:

Name: Charles W. Schibi, P.E.

Telephone No.: 361-985-8057

Fax No.: 361-985-8473

Mailing Address: 1608 S. Brownlee Blvd.

City: Corpus Christi

Zip Code: 78404

E-Mail Address: cschibi@bizstx.rr.com

Texas Registration No.: 66852

Commencement of Construction (date): 4/4/2011

Date of Application: 6/6/2012

1. Type of Building:

- Commercial
- Residential Dwelling
- Duplex
- Garage Attached by Breezeway
- Detached Garage
- Condominium (# of Units: _____ *)
- Townhouse (# of Units: _____ *)
- Apartments (# of Units: _____ *)
- * Per Building
- Farm & Ranch
- Metal Building
- Other (Specify): _____

2. Type of Inspection:

- Entire Building (Type): _____
- Entire Re-Roof (Type): _____
 - Re-decking
- Partial Re-roof (Type and Area): _____
 - Re-decking
- Alteration (Type): _____
- Repair (Type): _____
- Mechanical Only (Type): see comments
- Foundation Only (Type): _____
- Addition (Type): _____
- Retrofit of All Exterior Openings: _____

(For windborne debris protection only (impact resistant exterior opening products or shutters). All exterior openings shall include windows, doors, garage doors, and skylights.

Comments:

Installation of roof solar collector mounts 112 total

Submitter Information:

SUBMITTER NAME (please print): Charles W. Schibi, P.E.

DATE: 6/6/2012

TELEPHONE NUMBER: 361-985-8057

PLEASE CHECK ONE: Owner Builder/Contractor Insurance Agent Engineer Other (Specify) _____

FOR TEXAS DEPARTMENT OF INSURANCE INSPECTIONS: MAIL OR FAX TO YOUR LOCAL FIELD OFFICE
FOR INSPECTIONS BY ENGINEERS: MAIL OR FAX TO AUSTIN OFFICE: 512/322-2273

TDI: Bergeron Correction Type of inspection



TEXAS DEPARTMENT OF INSURANCE

Windstorm Inspections / MC 103-1E 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
(512) 322-2203 or toll free 1-(800)248-6032 Fax (512) 322-2273 TDI website: www.tdi.state.tx.us

APPLICATION FOR CERTIFICATE OF COMPLIANCE

Form WPI-1

Physical Address of Structure to Be Inspected (Complete 9-1-1 Street Address including house/building Number):

901 Leopard St. (County Courthouse)

Tract or Addition

Lot Tract

Block

City Corpus Christi

Zip Code 78401

County Nueces

Inside City Limits Outside City Limits

Structure is located in: Inland II Inland I Seaward

Is the structure located in a Coastal Barrier Resource Zone (COBRA): Yes No

Owner:

Name: Nueces County

Telephone No.: 361-887-2222

Fax No.:

Mailing Address: 901 Leopard St.

City: Corpus Christi

Zip Code: 78401

Builder/Contractor (at time of construction):

Name: Sun Quest Energy

Telephone No.: 727-688-5919

Fax No.:

Mailing Address: 13620 49th St. North

City: Clearwater

Zip Code: 33762

Engineer:

Name: Charles W. Schibi, P.E.

Telephone No.: 361-985-8057

Fax No.: 361-985-8473

Mailing Address: 1608 S. Brownlee Blvd.

City: Corpus Christi

Zip Code: 78404

E-Mail Address: cschibi@bizstx.rr.com

Texas Registration No.: 66852

Commencement of Construction (date): 4/4/2011

Date of Application: 6/6/2012

1. Type of Building:

- Commercial
- Residential Dwelling
- Duplex
- Garage Attached by Breezeway
- Detached Garage
- Condominium (# of Units: _____ *)
- Townhouse (# of Units: _____ *)
- Apartments (# of Units: _____ *)
- * Per Building
- Farm & Ranch
- Metal Building
- Other (Specify): _____

2. Type of Inspection:

- Entire Building (Type): _____
 - Entire Re-Roof (Type): _____
 - Re-decking
 - Partial Re-roof (Type and Area): _____
 - Re-decking
 - Alteration (Type): _____
 - Repair (Type): _____
 - Mechanical Only (Type): see comments
 - Foundation Only (Type): _____
 - Addition (Type): _____
 - Retrofit of All Exterior Openings: _____
- (For windborne debris protection only (impact resistant exterior opening products or shutters). All exterior openings shall include windows, doors, garage doors, and skylights.

Comments:

Installation of roof solar collector mounts 154 total

Submitter Information:

SUBMITTER NAME (please print): Charles W. Schibi, P.E.

DATE: 6/6/2012

TELEPHONE NUMBER: 361-985-8057

PLEASE CHECK ONE: Owner Builder/Contractor Insurance Agent Engineer Other (Specify)

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