

**City of Carson City  
Agenda Report**

**Date Submitted:** March 30, 2012

**Agenda Date Requested:** April 19, 2012  
**Time Requested:** Consent  
**Labor Commissioner PWP #** CC-2011-300

**To:** Mayor and Supervisors  
**From:** Purchasing and Contracts

**Subject Title:** For Possible Action: To accept the Work as completed, to accept the Contract Summary as presented, and to approve the Release of Final Payment in the amount of \$53,154.13 for Contract No. 1011-241 titled Carson City Corporate Yard Salt/Cinder Building and Solar Photovoltaic System to Frank Lepori Construction, Inc. (*Kim Belt*)

**Staff Summary:** Project consisted of installing a complete and turnkey Pre-Fabricated Metal Building, Interior and Exterior Electrical and Lighting System, and Solar Photovoltaic System at the Corporate Yard facility adjacent to the existing Salt Shed.

**Type of Action Requested:** (check one)

Resolution  Ordinance  
 Formal Action/Motion  Other (Specify)

**Recommended Board Action:** I move to accept the Work as completed, to accept the Contract Summary as presented, and to approve the Release of Final Payment in the amount of \$53,154.13 for Contract No. 1011-241 titled Carson City Corporate Yard Salt/Cinder Building and Solar Photovoltaic System to Frank Lepori Construction, Inc. (*Kim Belt*)

**Explanation for Recommended Board Action:** This project is complete and the contractor is entitled to final payment.

**Applicable Statute, Code, Policy, Rule or Policy:** Final payment approval by the Carson City Board of Supervisors is an internal requirement. NRS 338 requires that payment be made within 30 days from the completion of work or interest must be paid to the contractor.

**Fiscal Impact:** No additional impact.

**Explanation of Impact:** Funding was approved in a prior Board Action.

**Engineers Estimate:** \$425,000.00

**Project Cost:**

Bid Award	\$515,819.99
Change Orders	\$ 15,721.32
Total Project Cost	\$531,541.31

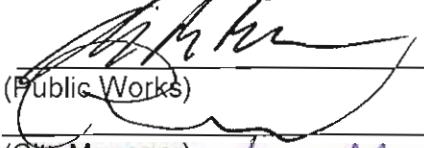
**Funding Source:** Funding was approved in a prior Board Action.

**Prior Board Funding:** Bid was awarded on July 21, 2011 in the amount of \$515,819.99 plus a contingency amount not to exceed \$51,582.00.

**Alternatives:** Provide other direction pursuant to Board Action.

**Supporting Material:** Memo from Project Manager and Approved Change Orders.

**Prepared By:** Kim Belt, Purchasing and Contracts Manager

Reviewed By:   
(Public Works) Date: 4/10/12  
(City Manager) Date: 4/10/12  
(District Attorney) Date: 4/10/12  
(Finance Director) Date: 4/10/12

**Board Action Taken:**

Motion: \_\_\_\_\_ 1) \_\_\_\_\_ Aye/Nay  
2) \_\_\_\_\_

\_\_\_\_\_  
(Vote Recorded By)

## Final Payment Summary

Contract No. 1011-241 FRANK LEPORI CONSTRUCTION, INC.

Project Name: CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLAR PHOTOVOLTAIC SYSTEM

### Change Order Summary

Change Order No. 1	\$ 6,820.83	Change Order No. 11	\$ 0.00
Change Order No. 2	\$ 2,747.49	Change Order No. 12	\$ 0.00
Change Order No. 3	\$ 6,153.00	Change Order No. 13	\$ 0.00
Change Order No. 4	\$ 0.00	Change Order No. 14	\$ 0.00
Change Order No. 5	\$ 0.00	Change Order No. 15	\$ 0.00
Change Order No. 6	\$ 0.00	Change Order No. 16	\$ 0.00
Change Order No. 7	\$ 0.00	Change Order No. 17	\$ 0.00
Change Order No. 8	\$ 0.00	Change Order No. 18	\$ 0.00
Change Order No. 9	\$ 0.00	Change Order No. 19	\$ 0.00
Change Order No. 10	\$ 0.00	Change Order No. 20	\$ 0.00
Change Orders 1-10	\$ 15,721.32	Change Orders 11-20	\$ 0.00
Total Change Orders 1-20			\$ 15,721.32

### Payment Summary

include what was actually paid to the contractor - not the retention

Payment No. 1	\$ 206,643.92	Payment No. 6	\$ 0.00
Payment No. 2	\$ 122,381.41	Payment No. 7	\$ 0.00
Payment No. 3	\$ 94,795.35	Payment No. 8	\$ 0.00
Payment No. 4	\$ 54,566.50	Payment No. 9	\$ 0.00
Payment No. 5	\$ 0.00	Payment No. 10	\$ 0.00
Total Payments 1-5	\$ 478,387.18	Total Payments 6-10	\$ 0.00
Total Payments 1-10			\$ 478,387.18
Contract Award			\$ 515,819.99
Approved Change Orders			\$ 15,721.32
Adjusted Contract Sum			\$ 531,541.31
Less Total Payments			\$ 478,387.18
Balance Due			\$ 53,154.13
Amount of the Under/Over of the Contract			\$ 0.00
RETENTION TO BE RELEASED			\$ 53,154.13

**PUBLIC WORKS  
DEPARTMENT**

**ADMINISTRATION**  
3505 Butti Way  
Carson City, NV 89701-3498  
Ph: 775-887-2355  
Fx: 775-887-2112

**FLEET SERVICES**  
3303 Butti Way, Building 2  
Carson City, NV 89701-3498  
Ph: 775-887-2356  
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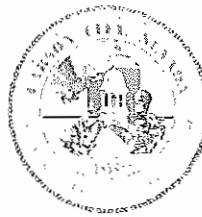
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**PLANNING**  
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**CARSON CITY NEVADA**  
Consolidated Municipality and State Capital



**MEMORANDUM**

**Date:** 3/26/2012

**To:** Kim Belt, Purchasing and Contracts Manager

**From:** Darren Anderson, Assistant Project Manager

**Subject:** Carson City Corporate Yard Salt/Cinder Building and Photovoltaic System  
Contract No. 1011-241 Project No. 2.0821  
Completion of Contract Work

This is to advise you that all work required for the subject contract has been satisfactorily completed. Please prepare the necessary actions to release the retention for this contract. There were 4 Change Orders on this project as summarized below:

C.O. #1 This change order was initiated by the City to increase the size of eight footing, install an additional 2 inches of asphalt for a 6 inch patch over 828 square feet, and install a 6 inch asphalt patch at rear building covering 100 square feet. Cost for modification is = \$6,820.83

C.O. #2 This change order was initiated by the City for removal of the existing slab where it obstructed the proposed grade beam and footings at the corner of the existing shed. Cost for modification is = \$2,747.49

C.O. #3 This change order was initiated by the City due to the change in the type of fiber optic connection at the project to meet Carson City's newly released specifications per Lux Energy. Cost for modification is = \$6,153.00

The total cost adjustment due to the three change orders was \$15,721.32

**CARSON CITY CONTRACTS**  
**CHANGE ORDER No. 1**

Contract No. 1011.241

Project Title: Salt/Cinder Building and Photovoltaic System

Project File No. 2.0821

The Contractor is hereby authorized to make the following changes to the Scope of Work for the referenced contract, subject to the provisions of the contract documents:

This change order is initiated by the City to cover modifications made to Increase the size of eight footings according to Hytinen Engineering and install additional 2 inches of asphalt for 6 inch patch over 828 square feet and 6 inch asphalt patch at rear of building covering 100 square feet.

Justification: Contract documents allow the City to make adjustments to the contract.

Requested By: City

Item #1: Increases  Decreases  Does not change  the Contract Sum by: \$6,820.83

Item #1: Increases  Decreases  Does not change  the Contract Term by: 28 Calendar days

**SUMMARY**

1 Original Contract Sum

\$515,819.99

2 Net change by previously approved Change Orders

\$0.00

3 Contract Sum prior to this Change Order

\$515,819.99

4 Contract Sum will be increased  decreased  unchanged  by:

\$6,820.83

5 Revised Contract Sum including this Change Order

\$522,640.82

6 Original number of calendar days to complete the contract

115

7 Contract Term will be increased  decreased  unchanged  by:

28 days

8 Revised number of days to complete the contract

143

9 Revised date of Completion by this Change Order

Dec. 28, 2011

Not valid until signed by Contracts, Contractor, and Project Manager.

This change authorization constitutes full and complete compensation for all labor, equipment, materials, overhead, profit, any and all indirect costs, and time adjustment to perform the above described change. All other costs are non-compensable.

**CONTRACTS**

City of Carson City

By:

*Sareen L. White*

Printed Name: *Sareen L. White*

Title: *Management Asst III*

Date: *11-8-11*

**CONTRACTOR**

By:

*Frank M. Lepore*

Printed Name: *Frank M. Lepore*

Title: *President*

Date: *11/8/11*

**PROJECT MANAGER**

By:

*Tom Grundy*

Printed Name: *Tom Grundy*

Title: *Senior Project Manager*

Date: *11-8-11*

*HW*

**ATTACHMENT NO. 1 TO CHANGE ORDER NO. 1**  
**East-West Water Transmission Main Project – Phase 1**  
**CONTRACT NO. 1011-241**      **PROJECT 2.0821**

This change order is initiated by the City for removal of existing slab in grade beam trench, removal of existing slab where it obstructs footings at the corner of the existing shed, increasing the size of eight footings, install additional asphalt thickness and patches, and add a 28 calendar day time extension for construction of the project.

**Item Number 1**

Increase the size of eight F9 footings at grids 2,3,4, and 5 per the response to Submittal #4A by Hytytinen Engineering from 9'0" square by 4'0" deep to 9'4" spaure by 4'0" deep.

Allowable cost adjustment is      \$3,078.61

**Item Number 2**

Install additional 2 inches of asphalt for 6 inch patch over 828 square feet and 6 inch asphalt patch at rear of building covering 100 square feet.

Allowable cost adjustment is      \$3,742.22

**Item Number 3**

Addition of a 28 calendar day extensions to the project.

Allowable time adjustment is      28 days

**Total allowable cost adjustment for Change Order No. 1 is      \$6,820.83**

**Total allowable time extension to complete project is      28 days**

**PUBLIC WORKS  
DEPARTMENT**

**ADMINISTRATION**  
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**CARSON CITY NEVADA**  
Consolidated Municipality and State Capital



Work Directive #3 for  
Salt/Cinder Building and Photovoltaic System  
Contract # 1011-241

**Work Directive #3**

Contractor: Frank Lepori Construction, Inc.  
Date Issued: 10/25/2011

**Item 1 Authorized Directive:** Install additional 2 inches of asphalt for 6 inch patch over 828 square feet and 6 inch asphalt patch at rear of building covering 100 square feet. Payment shall be made according to the negotiated cost of \$3,742.22.

BY:

  
Tom Grundy, P.E.  
Senior Project Manager



1475 Hymer Avenue (775) 337-2063  
Sparks, NV 89431 Fax: (775) 337-2066  
Nevada Contractors License # 0023372A

### REQUEST FOR CHANGE ORDER #3

Date: October 20, 2011

Page: 1 of 2

To: **Rob Cho/ Hyung Lee**  
PacificWest Engineering Solutions, Inc.  
561 Keystone Avenue #300  
Reno, NV 89503

Job Name & Address: **Carson City Corporate Yard Salt/ Cinder Building**  
3303 Butti Way  
Carson City, NV 89701

Additional costs to complete the AC Patching

**REQUEST FOR C.O. #3 TOTAL: \$3,742.22 (See attached breakdown)**

Approved  Denied

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Frank M. Lepori" followed by "for" and "Frank Lepori Construction, Inc.".

Frank M. Lepori  
President  
Frank Lepori Construction, Inc.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

**IF APPROVED** - The above prices and specifications in this RCO are satisfactory and are hereby approved. All work to be performed under the same terms and conditions as specified in the original Contract unless otherwise stipulated and this RCO shall become part of and in conformance with the existing Contract.

*Please sign and return approved/denied R.C.O.. If "pending" is typed for "Revised Contract Amount" there are previous Request For Change Orders still outstanding. The correct amount will be entered on the next R.C.O. once the outstanding R.C.O.(s) are approved or denied.*

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Request for C.O. Total: \$ 3,742.22  
Previous Contract Amount: \$518,898.60  
Revised Contract Amount: \$522,640.82

Page 2 of 2

Request for Change Order

CARSON CITY CORPORATE YARD SALT/ CINDER BUILDING  
Carson City, NV 89701

**REQUEST FOR CHANGE ORDER #3  
COST BREAKDOWN**

Additional costs to complete the AC Patching

Apex Grading & Paving:

Install additional 2" Asphalt for 6" Patch 728 s.f. @ \$3.12/s.f.	\$2,271.36
4" Asphalt Patch at Rear of Building 100 s.f. @ \$6.24/s.f.	\$ 624.00
Install additional 2" Asphalt for 6" Patch 100 s.f. @ \$3.12/s.f.	\$ 312.00

Frank Lepori Construction mark-up @ 5%	\$ 160.36
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Frank Lepori Construction, Inc (Direct Costs):

Laborer, 2 hours @ \$55.00/hr	\$ 110.00
Backhoe, 1 hour @ \$120.00/hr	\$ 120.00

Frank Lepori Construction, Inc (Indirect Costs)

Working Foreman Coordination: 1 hours @ \$65.20	\$ 65.20
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Frank Lepori Construction, Inc. mark-up @ 15%:	<u>\$ 44.28</u>
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Frank Lepori Construction, Inc insurance @ 1%:	<u>\$ 35.02</u>
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<b>REQUEST FOR CHANGE ORDER TOTAL:</b>	<b>\$3,742.22</b>
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*\*Additional contract days required to perform this work: Zero (0) calendar days*



PO Box 19045  
 Reno, Nevada 89511  
 Phone 775-852-9701  
 Fax 775-852-9702  
 NCL# 52001A - CCL# 892696

October 18, 2011

Mr. B.J. Poupeney III  
 Frank Lepori Construction, Inc  
 1475 Hymer Ave.  
 Sparks, Nevada 89431  
 Phone: 337-2063  
 Fax: 337-2066

**PROPOSAL FOR: Carson City Sand Shed AC Patching - Carson City, NV.**

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	4" Asphalt Patch Paving	728	sf	\$ 6.24	\$4,542.72
<b>TOTAL BASE BID AMOUNT</b>					<b>\$4,542.72</b>

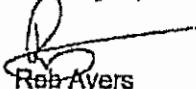
ALTERNATE ITEMS					
1	Install Additional 2" Asphalt for 6" Patch	728	sf	\$ 3.12	\$2,271.36
2	4" Asphalt Patch at Rear of Building	100	sf	\$ 6.24	\$624.00
3	Install Additional 2" Asphalt for 6" Patch	100	sf	\$ 3.12	\$312.00

**General Conditions & Exclusions**

No fees, bonds or permits.  
 No construction staking, surveying or materials testing.  
 No erosion control measures or SWPPP improvements.  
 No asphalt striping, unless noted otherwise.  
 No painting of curbs, unless noted otherwise.  
 No prime coat or asphalt sealant, unless noted otherwise.  
 No base rock installations or soil sterilant installations.  
 No traffic or flag control.  
 All manholes and valves to be at or below base/subgrade and raised and patched by others.  
 Sub/Basegrade is to be within 0.05' ± and accepted prior to our arrival.  
 Bid is based on prevailing wage rates.  
 Bid based on pricing established thru October 31<sup>st</sup> of the 2011 construction season. If work is to take place after this time asphalt prices will be subject to change in reflection of current Labor/Equipment and or Materials price escalations.  
 Bid is based on asphalt mix to conform to a Type 2 with lime, PG64-22, 60 blows, 4% voids, asphalt mix design.  
 Bid is based on one mobilization. Additional mobilizations will be an additional cost of \$1,100.00.  
 Payment is to be made within 30 days. Past due payments to be assessed 2% interest monthly or 24% annually.  
 Quantities are approximate, actual installed quantities to be field measured upon completion, unit price to prevail.  
 Proposal shall become part of any contractual agreements.  
 Proposal will be valid for 30 days, unless confirmed in writing.  
 No other work or materials.

If you should have any questions please feel free to call at 775-852-9701.

Thank you,

  
 Rob Ayers

**PUBLIC WORKS  
DEPARTMENT**

**ADMINISTRATION**  
3505 Butti Way  
Carson City, NV 89701-3498  
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**CARSON CITY NEVADA**  
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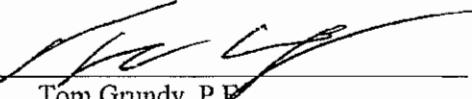
Work Directive #2 for  
Salt/Cinder Building and Photovoltaic System  
Contract # 1011-241

**Work Directive #2**

Contractor: Frank Lepori Construction, Inc.  
Date Issued: 10/13/2011

**Item 1 Authorized Directive:** Increase the size of eight (8) F9 footings at grids 2, 3, 4, and 5 per the response to Submittal #4A by Hytyinen Engineering from 9'0" square by 4'0" deep to 9'4" square by 4'0" deep. Payment shall be made according to the negotiated cost of \$3,078.61.

BY:

  
Tom Grundy, P.E.  
Senior Project Manager



1475 Hymer Avenue (775) 337-2063  
Sparks, NV 89431 fax: (775) 337-2066  
Nevada Contractors License #0023372A

## REQUEST FOR CHANGE ORDER #2Rev.2

Date: October 12, 2011

Page: 1 of 2

To: Rob Cho/ Hyung Lee  
Pacific West Engineering Solutions, Inc.  
561 Keystone Avenue #300  
Reno, NV 89503

Job Name & Address: Carson City Corporate Yard Salt/ Cinder Building  
3303 Butti Way  
Carson City, NV 89701

Additional costs to increase the size of eight (8) F9 footings at grids 2, 3, 4 and 5 per the response to Submittal #4A by Hytyinen Engineering from 9'-0" square by 4'-0" deep to 9'-4" square by 4'-0" deep. Additional concrete and excavation are required to perform work.

**REQUEST FOR C.O. #2Revision2 TOTAL: \$3,078.61 (See attached breakdown)**

Approved  Denied

Respectfully submitted,

A handwritten signature of Harrison Herrera in black ink.

Harrison Herrera  
Project Manager  
Frank Lepori Construction, Inc.

Authorized Signature

Date

**IF APPROVED** - The above prices and specifications in this RCO are satisfactory and are hereby approved. All work to be performed under the same terms and conditions as specified in the original Contract unless otherwise stipulated and this RCO shall become part of and in conformance with the existing Contract.

*Please sign and return approved/denied R.C.O. If "pending" is typed for "Revised Contract Amount" there are previous Request For Change Orders still outstanding. The correct amount will be entered on the next R.C.O. once the outstanding R.C.O.(s) are approved or denied.*

Request for C.O. Total:	\$ 3,078.61
Previous Contract Amount:	\$515,819.99
Revised Contract Amount:	\$518,898.60

*work directive  
negotiated price*

**CARSON CITY CONTRACTS**  
**CHANGE ORDER No. 2**

Contract No. 1011.241

Project Title: Salt/Cinder Building and Photovoltaic System

Project File No. 2.0821

The Contractor is hereby authorized to make the following changes to the Scope of Work for the referenced contract, subject to the provisions of the contract documents:

This change order is initiated by the City to cover modifications made to removal of existing slab in grade beam trench and removal of existing slab where it obstructs footings at the corner of the existing shed. The 38" x 43" x 10" concrete pedestal which was to be used for the proposed photovoltaic inverter is no longer needed due to the inverter being changed to a wall mount. Addition of 9 days dues to delays.

Justification: Contract documents allow the City to make adjustments to the contract.

Requested By: City

Item #1: Increases  Decreases  Does not change  the Contract Sum by: \$2,747.49

Item #1: Increases  Decreases  Does not change  the Contract Term by: 12 Calendar days

**SUMMARY**

1 Original Contract Sum	\$515,819.99
2 Net change by previously approved Change Orders	\$6,820.83
3 Contract Sum prior to this Change Order	\$522,640.82
4 Contract Sum will be increased <input checked="" type="checkbox"/> decreased <input type="checkbox"/> unchanged <input type="checkbox"/> by:	\$2,747.49
5 Revised Contract Sum including this Change Order	\$525,388.31
6 Original number of calendar days to complete the contract	143
7 Contract Term will be increased <input checked="" type="checkbox"/> decreased <input type="checkbox"/> unchanged <input type="checkbox"/> by:	12 days
8 Revised number of days to complete the contract	155
9 Revised date of Completion by this Change Order	Jan. 9, 2011

**Not valid until signed by Contracts, Contractor, and Project Manager.**

This change authorization constitutes full and complete compensation for all labor, equipment, materials, overhead, profit, any and all indirect costs, and time adjustment to perform the above described change. All other costs are non-compensable.

**CONTRACTS**

City of Carson City

By: Karen L. White

Printed Name: Karen L. White

Title: Management Analyst III

Date: 12-14-11

**CONTRACTOR**

By: Frank N. Lepori

Printed Name: Frank N. Lepori

Title: President

Date: 12/14/11

**PROJECT MANAGER**

By: Tom Grundy

Printed Name: Tom Grundy

Title: Senior Project Manager

Date: 12-13-11

*h*

This change order is initiated by the City for removal of existing slab in grade beam trench and removal of existing slab where it obstructs footings at the corner of the existing shed.

**Item Number 1**

Remove existing slab in trench to obtain required depth for grade beam on west side of building. Remove corner of existing slab where it obstructs construction of the footings for the new Salt/Cinder building on both corners of the existing salt/cinder shed. Install 6" asphalt patch over 100 square feet.

Allowable cost adjustment is \$2962.37

**Item Number 2**

The 38" x 43" x 10" concrete pedestal which was to be used for the proposed photovoltaic inverter is no longer needed due to the inverter being changed to a wall mount.

Allowable cost adjustment is \$214.88 credit

**Item Number 3**

An addition of 12 calendar days will be added due to delays from weather lack of soil data.

Allowable time adjustment is 12 days

Total allowable cost adjustment for Change Order No. 2 is \$2,747.49  
Total allowable time extension to complete project is 12 days

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**CARSON CITY NEVADA**  
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Work Directive #1 for  
Salt/Cinder Building and Photovoltaic System  
Contract # 1011-241

**Work Directive #1**

Contractor: Frank Lepori Construction, Inc.  
Date Issued: 10/12/2011

**Item 1 Authorized Directive:** Remove existing slab in trench to obtain required depth for grade beam on west side of building. Payment shall be made according to GC 6.4.1 of the contract which allows for a 5% markup on the subcontractor's invoice plus limited direct costs.

**Item 2 Authorized Directive:** Remove corner of existing slab where it obstructs construction of the footings for the new Salt/Cinder building on both corners of the existing salt/cinder shed. Payment shall be made on a time and expense basis following the conditions explained in GC 6.4.3 of the contract.

BY:

Tom Grundy, P.E.  
Senior Project Manager



1475 Hymer Avenue  
Sparks, NV 89431  
fax: (775) 337-2066  
Nevada Contractors License #0023372A

## REQUEST FOR CHANGE ORDER #6

Date: November 7, 2011

Page: 1 of 2

To: **Rob Cho/ Hyung Lee**  
PacificWest Engineering Solutions, Inc.  
561 Keystone Avenue #300  
Reno, NV 89503

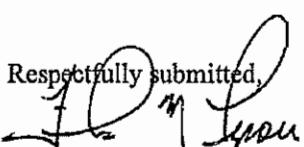
Job Name & Address: **Carson City Corporate Yard Salt/ Cinder Building**  
3303 Butti Way  
Carson City, NV 89701

Additional costs per the attached Work Directive #1 issued on October 10, 2011 to remove an existing slab discovered in the trench for the grade on the west side of the building in order to obtain the required depth and remove the corner of an existing slab where it obstructed construction of the footings for the new salt/ cinder building on both corners of the existing salt/ cinder shed.

**REQUEST FOR C.O. #6 TOTAL: \$2,962.37 (See attached breakdown)**

Approved       Denied

Respectfully submitted,

  
\_\_\_\_\_  
Frank M. Lepori  
President  
Frank Lepori Construction, Inc.

Authorized Signature

Date

**IF APPROVED** - The above prices and specifications in this RCO are satisfactory and are hereby approved. All work to be performed under the same terms and conditions as specified in the original Contract unless otherwise stipulated and this RCO shall become part of and in conformance with the existing Contract.

*Please sign and return approved/denied R.C.O.. If "pending" is typed for "Revised Contract Amount" there are previous Request For Change Orders still outstanding. The correct amount will be entered on the next R.C.O. once the outstanding R.C.O.(s) are approved or denied.*

Request for C.O. Total:	\$ 2,962.37	<i>7/19/2011</i>
Previous Contract Amount:	\$539,675.73	
Revised Contract Amount:	\$542,638.10	

Page 2 of 2

Request for Change Order

CARSON CITY CORPORATE YARD SALT/ CINDER BUILDING  
Carson City, NV 89701

**REQUEST FOR CHANGE ORDER #6  
COST BREAKDOWN**

Additional costs per the attached Work Directive #1 issued on October 10, 2011 to remove an existing slab discovered in the trench for the grade on the west side of the building in order to obtain the required depth and remove the corner of an existing slab where it obstructed construction of the footings for the new salt/ cinder building on both corners of the existing salt/ cinder shed.

Penhall Company, Inc (See attached):	\$ 681.00
Apex Grading: Install 6" asphalt patch 100 s.f. @ \$9.36/ s.f.	\$ <del>936.00</del> 936.00
Sierra West Concrete: Additional Concrete material	No charge
Frank Lepori Construction, Inc mark-up @ 5%	\$ <del>80.85</del> 341.05 80.85

Frank Lepori Construction, Inc. (Direct Costs)	
Operating Engineer (Foreman): 6 hours @ \$73.24/ hour	\$ 439.44
Laborer (Group 3): 6 hours @ \$44.25/ hour	\$ 265.50
Laborer Foreman (Group 4A): 3 hours @ \$46.38/ hour	\$ 139.14
Backhoe (Deere 410): 5 hours @ \$39.00/ hour	\$ 195.00
Air Compressor: 5 hours @ \$5.00/ hour	\$ 25.00
Jackhammer: 5 hours @ \$2.00/ hour	\$ 10.00
Frank Lepori Construction, Inc. mark-up @ 15%:	\$ 161.11
Frank Lepori Construction, Inc insurance @ 1%:	\$ 29.33
<b>REQUEST FOR CHANGE ORDER TOTAL:</b>	<b>\$ 2,962.37 -219.7858</b>

*\*Additional contract days required to perform this work: Zero (0) calendar days*



RECEIVED

OCT 28 2011

FRANK LEPORI CONSTRUCTION

Invoice No.	29575
Date	10/27/11
Customer No.	66675
Service Order	8177

B I L L T O	LEPORI CONSTRUCTION 1475 HYMER AVENUE SPARKS NV 89431- 775-337-2063	REMIT T O 775-337-2066
----------------------------	--	---------------------------------

PENHALL COMPANY
*Note New Remit To Address
Dept 2911
Los Angeles, CA 90084-2911

Job Address:	BUTTI WAY	Cust PO No.:	
Job Name/City:	CARSON CORPORATE YARD CARSON CITY	Cust Job No.:	3554
Sales Person:	BRAY, MARK D.	Ordered By:	JESSIE
Job Division:	021	Job/Sub No.:	211983

Description	Date	Ticket Number	Qty	Price	Amount
10/04/2011 FLAT SAW	10/21/11				
963' X 6" ASPHALT			1.00	933.50	933.50
10/13/2011 FLAT SAW					
81' X 5" ASPHALT					
78' X 10" CONCRETE			1.00	681.00	681.00

Vendor # \_\_\_\_\_  
Ledger Acct # \_\_\_\_\_  
Job # 3554  
Cost Code # 205  
Packed / Mailed \_\_\_\_\_  
Data Fld / Crd # \_\_\_\_\_

For billing questions please contact: 775-786-8498

Invoice Total: \$ 1,614.50

TERMS: NET 10 DAYS

Information provided as required by IRC section 3406  
Penhall Company TIN 33-0349226

Payment Policy: Interest will be charged at a rate of 1 1/2% per month on accounts over 30 days or highest applicable interest rate.

**PUBLIC WORKS  
DEPARTMENT**

**ADMINISTRATION**  
3505 Butti Way  
Carson City, NV 89701-3498  
Ph: 775-887-2355  
Fx: 775-887-2112

**FLEET SERVICES**  
3303 Butti Way, Building 2  
Carson City, NV 89701-3498  
Ph: 775-887-2356  
Fx: 775-887-2258

**OPERATIONS**  
(Water, Sewer, Wastewater,  
Streets, Landfill, Environmental)  
3505 Butti Way  
Carson City, NV 89701-3498  
Ph: 775-887-2355  
Fx: 775-887-2112

**ENGINEERING/  
TRANSPORTATION/  
CAPITAL PROJECTS**  
3505 Butti Way  
Carson City, NV 89701-3498  
Ph: 775-887-2355  
Fx: 775-887-2112

**BUILDING and SAFETY  
PERMIT CENTER**  
108 E. Proctor Street  
Carson City, NV 89701-4240  
Ph: 775-887-2310  
Fx: 775-887-2202

**PLANNING**  
108 E. Proctor Street  
Carson City, NV 89701-4240  
Ph: 775-887-2180  
Fx: 775-887-2278

# **CARSON CITY NEVADA**

**Consolidated Municipality and State Capital**



Work Directive #4 for  
Salt/Cinder Building and Photovoltaic System  
Contract # 1011-241

## **Work Directive #4**

Contractor: Frank Lepori Construction, Inc.  
Date Issued: 11/21/2011

### **Item 1 Authorized Directive:**

- Increase wire size from #2 AWG THHN to #1 AWG THHN per the engineer of record's direction
- add and interconnection "line-side" tap
- the quantity of wall pack is to remain at ten
- the quantity of induction fixtures is to remain at five
- deduct two interior strip light fixtures from the original bid set design for a total of twenty-eight 8' strip fixtures per the attached cutsheet.
- PV System to incorporate the alternate design consisting of:

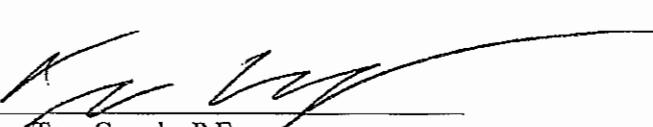
One hundred sixty-five Canadian Solar CS6P-230P Modules.  
Three Fronius 11.4-3 Delta Inverters  
Unirac SolarMount-I Rackling System.  
Total CEC Rated Output – 33,074w

This is a "no cost" item and there will be no adjustment to the contract amount.

### **Item 2 Authorized Directive:**

The 38" x 43" x 10" concrete pedestal which was to be used for the proposed photovoltaic inverter is no longer needed due to the inverter being changed to a wall mount. A \$214.88 credit shall be made to the contract amount for this item.

BY:

  
Tom Grundy, P.E.  
Senior Project Manager



1475 Hymer Avenue (775) 337-2063  
Sparks, NV 89431 fax: (775) 337-2066  
Nevada Contractors License # 0023372A

## REQUEST FOR CHANGE ORDER #4Rev.2

Date: November 17, 2011

Page: 1 of 2

To: **Rob Cho/ Hyung Lee**  
PacificWest Engineering Solutions, Inc.  
561 Keystone Avenue #300  
Reno, NV 89503

Job Name & Address: **Carson City Corporate Yard Salt/ Cinder Building**  
3303 Butti Way  
Carson City, NV 89701

Confirming "no-cost" change order to provide the following changes made to the original bid set of plans and the photovoltaic system as agreed to by the EOR, Frank Lepori Construction, Inc. and Lux Energies:

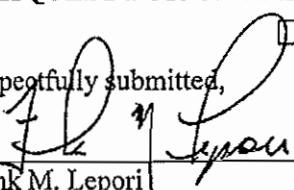
- Increase wire size from #2 AWG THHN to #1 AWG THHN per the engineer of record's direction.
- Add and interconnection "line-side" tap.
- Quantity of wall pack to remain at ten (10) and installed per the attached cutsheet.
- Quantity of induction fixtures to remain at five (5).
- Deduct (2) interior strip light fixtures from the original bid set design for a total of twenty-eight (28) 8' strip fixtures per the attached cutsheet.
- PV System to incorporate the alternate design consisting of:
  - ~One hundred sixty-five (165) Canadian Solar CS6P-230P Modules.
  - ~Three (3) Fronius 11.4-3 Delta Inverters.
  - ~Unirac SolarMount-I Racking System.
  - ~Total CEC Rated Output- 33,074w (Resulting in larger rebate qualification and quicker ROI)

*Note: See attached proposal for further summary of changes and recommendations.*

**REQUEST FOR C.O. #4Revision 2 TOTAL: \$0.00 (See attached breakdown)**

Approved       Denied

Respectfully submitted,

  
\_\_\_\_\_  
Frank M. Lepori  
President  
Frank Lepori Construction, Inc.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

**IF APPROVED** - The above prices and specifications in this RCO are satisfactory and are hereby approved. All work to be performed under the same terms and conditions as specified in the original Contract unless otherwise stipulated and this RCO shall become part of and in conformance with the existing Contract.

*Please sign and return approved/denied R.C.O.. If "pending" is typed for "Revised Contract Amount" there are previous Request For Change Orders still outstanding. The correct amount will be entered on the next R.C.O. once the outstanding R.C.O.(s) are approved or denied.*

Request for C.O. Total:	\$0.00
Previous Contract Amount:	Pending
Revised Contract Amount:	Pending

FLC Job No. #3554

Page 2 of 2

Request for Change Order

CARSON CITY CORPORATE YARD SALT/ CINDER BUILDING

Carson City, NV 89701

## REQUEST FOR CHANGE ORDER #4Revision 2 COST BREAKDOWN

Confirming "no-cost" change order to provide the following changes made to the original bid set of plans and the photovoltaic system as agreed to by the EOR, Frank Lepori Construction, Inc. and Lux Energies:

- Increase wire size from #2 AWG THHN to #1 AWG THHN per the engineer of record's direction.
- Add and interconnection "line-side" tap.
- Quantity of wall pack to remain at ten (10) and installed per the attached cutsheet.
- Quantity of induction fixtures to remain at five (5).
- Deduct (2) interior strip light fixtures from the original bid set design for a total of twenty-eight (28) 8' strip fixtures per the attached cutsheet.
- PV System to incorporate the alternate design consisting of:
  - ~One hundred sixty-five (165) Canadian Solar CS6P-230P Modules.
  - ~Three (3) Fronius 11.4-3 Delta Inverters.
  - ~Unirac SolarMount-I Racking System.
  - ~Total CEC Rated Output- 33,074w (Resulting in larger rebate qualification and quicker ROI)

*Note: See attached proposal for further summary of changes and recommendations.*

Lux Energies, Inc. (See attached):	\$0.00
------------------------------------	--------

REQUEST FOR CHANGE ORDER TOTAL:	\$0.00
---------------------------------	--------

*\*Additional contract days required to perform this work: Zero (0) calendar days*

# Change Order

Modified: 11/17/2011  
Revision: 5



17 November 2011

Lepori Construction  
Attn: Harrison Herrera  
1475 Hymer Ave.  
Sparks, NV 89431

Carson City Corporate Yard Salt/Cinder Building  
And Photovoltaic System  
ELECTRICAL CHANGES DATED 9/30/11 and RCO#4  
PWP# CC-2011-300

Lux Energies, a Service Disabled Veteran Owned Small Business (SDVOSB), is pleased to submit a quotation for the electrical work at the above referenced project, in accordance with all of the qualifications. Bid Limit is \$550,000.

## Change Order #1:

- Increase wire size from #2 AWG THHN to #1 AWG THHN per engineer of record's direction.
- Add an interconnection "Line-side-tap".
- Quantity of wall packs to remain (10).
- Quantity of induction fixtures to remain (5).
- Deduct (2) interior strip light fixtures from original bid set design for a total of (28) 8' strip fixtures.
- PV System to incorporate alternate design consisting of:
  - (165) Canadian Solar CS6P-230P Modules
  - (3) Fronius 11.4-3 Delta Inverters
  - Unirac SolarMount-I Racking System
  - Total CEC Rated Output—33,074w (Resulting in larger rebate qualification and quicker ROI)

Total Cost Offset: \$0.00

## Notes/Recommendations:

Per all calculations that I have done or seen, I recommend wire size to be increased to size 3/0 AWG. This is to account for voltage drop, and would be necessary for the old design and the new design and would require a cost increase. The total distance deviates from plan quite a bit as well, as I had my crew go out to verify. Plans say 476', but we have found that to be approximately 655'. Please see attached items and calculations.

In final response to RCO#4, I am not sure where Pacific West's calculations are coming from, but at this point, we are ready to move forward as directed. Design responsibility lies solely on the engineer of record.

\*The terms of this change order will be the same as the original PO and contract and increase the total contract by the above stated amount. Sales Taxes Included in pricing.

## Acceptance:

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_

Lux Energies Inc. *[Signature]* Date: 11/17/11

Page 1



Jim Baffrey &lt;jim@luxenergies.com&gt;

## RCO #4

Hyung Lee &lt;hlee@pacwestes.com&gt;

Tue, Nov 15, 2011 at 4:54 PM

To: Harrison Herrera &lt;harrison@leporiconstruction.com&gt;

Cc: Robert Cho &lt;rcho@pacwestes.com&gt;, "jim@luxenergies.com" &lt;jim@luxenergies.com&gt;

Harrison,

Regarding RCO #4, here is where we are moving forward. In order to proceed, here is our response.

1. The original bid set drawings were correct for the wire from utility interconnection point and new salt / cinder building.
  - a. However, due to the added amps in Lux's design we are going up one wire size from #2 AWG to #1 AWG.
  - b. Going from 83 to 95 amps. Requiring an jump from #2 AWG to #1 AWG.
  - c. Per conversation with Lux, Lux will cover these costs due to their design.
  - d. The ground wire at #6 AWG, no change or charge.
2. Interconnection switch gear.
  - e. Per the conversation with Lux, the original design and final design have the same amount of over current protection devices.
  - f. PacificWest agrees that there are additional costs to labor due to the need for a line side tap.
  - g. We understand that the extra labor required is nominal.
  - h. Please provide itemized costs.
3. Per conversation with Lux we agreed that due to the credit for one fixture being removed from scope and the nominal cost difference for full cut off fixtures.
  - i. Total wall packs will be 10 qty.
  - j. We understand that there will be nominal credit issued or net \$0 cost.
  - k. Note that the bid set require photo sensor controls. Attached submitted cut sheet does not show that the fixture has photo sensor controls. Please mention if an external photo sensor is being used.
4. Please remove additional 200W induction fixture. Total number will be 5 per the original bid set.
5. Fixture quantity will be 4 rows of 7 fixtures, each fixture being (2) 4' 2L luminaries end to end, for a total of 28 mounting points.
  - l. Original bid set called for 30 qty.
  - m. There should be a credit for material and labor of (2) fixture sets
  - n. Submittal (attached) shows that an 2L 8' fixture is being used with 32 watt T8, which is not according to bid set specifications.
  - o. Please ensure that 28 watt T8 lamps and reduced output ballasts are used for the interior luminaries.

Please note that the above changes and Lux's redesign will be submitted for permit approval.

Let me know if you have any further occasions.

Hyung Lee  
Energy Solutions Manager  
PacificWest Energy Solutions, Inc.  
18543 Devonshire Street #128  
Northridge, CA 91324  
310-562-7042 Mobile  
800-310-9596 Fax

[www.PacWestES.com](http://www.PacWestES.com)  
[hlee@PacWestES.com](mailto:hlee@PacWestES.com)

Conservation, Generation, Innovation

 [Sub#3\\_PhotovoltaicElectrical.pdf](#)  
1165K



NCL 0071021 CCL 960679

Job Number: \_\_\_\_\_  
Project: Carson Salt Cinder  
Customer: PV Install  
Date: 11/16/11

Old

~~Existing~~ System Design:

Evergreen 205 w Modules (176): 185.4 CEC rating  
PV powered 30kW Inverter (1): 93% CEC efficiency rating

$$185.4 \text{ w} \times 176 = 32,630 \text{ w}$$

$$32,630 \text{ w} \times 93\% = 30,346 \text{ w}$$

$$30,346 \text{ w} / (208 \times \sqrt{3}) = \textcircled{84.3 \text{ Amp}}$$

125A OCPO - OK

New System Design:

Canadian Solar 230 w Modules (165): 211. CEC rating  
Fronius 11.4-3 Inverters (3): 95% efficiency rating

$$211 \text{ w} \times 165 = 34,815 \text{ w}$$

$$34,815 \text{ w} \times 95\% = 33,074 \text{ w}$$

$$33,074 \text{ w} / (208 \times \sqrt{3}) = \textcircled{91.8 \text{ Amp}}$$

125A OCPO - OK



BUILDING TECHNOLOGY SOLUTIONS

2465 Sutro St.  
Reno, NV 89512

0:(775) 562-4660  
www.LuxEnergies.com

Wire lengths

NCL 0071021 CCL 960679

Job Number: \_\_\_\_\_

Project: Carson Salt. Cinder

Customer: \_\_\_\_\_

Date: 11/16/11

From Panel PV to last J.Box before  
interconnection Building - 345'

From J.Box to interconnection building - approx 15'

From interconnection building end to end - 260'

At interconnection point (needed) approx - 35'

Total estimated distances

655



NCL 0071021 CCL 960679

## VOLTAGE DROP CALCS

Old System Design: (using #2 AWG Copper)

$$\frac{1.73 \times 655' \times .201 \times 84.3 \text{ amps}}{1000} = 19.2 \text{ volts}$$

New System Design: (using #2 AWG Copper)

$$\frac{1.73 \times 655' \times .201 \times 91.8}{1000} = 20.9 \text{ volts}$$

Old System Design: (using 3/0 AWG Copper)

$$\frac{1.73 \times 655' \times .0797 \times 84.3}{1000} = 7.6 \text{ volts}$$

New System Design: (using 3/0 AWG Copper)

$$\frac{1.73 \times 655' \times .0797 \times 91.8}{1000} = 8.3 \text{ volts}$$

Max Allowable Voltage Drop - 5% of 208V = 10.4 volts

### Standard Specifications

Housing	Die-Cast Aluminum (Specify Finish)
Lens	Tempered Clear Glass Lens
Ballast	iii/120/277 Volt-50/60Hz Electronic HPF <i>Fluorescent Cold Weather Start (-30°C)</i>
	iv 120 Volt/60Hz Reactor Magnetic NPF
	v 120/208/240/277 Volt/60Hz Magnetic HX HPF
	vi 120/208/240/277 Volt/60Hz Magnetic CWA HPF
Lamp(s)	NOTE: All metal halide fixtures are IESA [pulse start] compliant
UL Label	Lamp(s) Included TWet Location Listed

### 740, 741, 742 Series



-3B  
Bronze

Wet

### Custom Option Specifications

PE	Photocell (120 Volt Only) (Approved Layout)
PE2	Photocell (208-277 Volt) (Approved Layout)
WG	Wire Guard
VS	Vandal Sealed (Clear Polycarbonate)
CX	Custom Wattage
277	277 Volts*
DIM	Dimming Ballast*
EMB1	Integral Emergency Ballast
EMB2	Remote Emergency Ballast
27K	27K Bulb
35K	35K Bulb
41K	41K Bulb
50K	50K Bulb
65K	65K Bulb
NL	No Lamps

### Replacement Parts

LENS-740	Replacement Clear Glass Lens (Medium)
LENS-741	Replacement Clear Glass Lens (Large)
LENS-742	Replacement Clear Glass Lens (Extra Large)

Dark Sky Compliant



### Available Finishes



740-9-3B-26-5-PE-120

740 - Medium

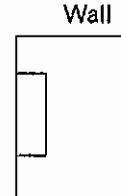
Height 9.125"  
Width 14.25"  
Depth 11.625"

741 - Large

Height 9.125"  
Width 18.25"  
Depth 13.75"

742 - Extra Large

Height 9.125"  
Width 18.25"  
Depth 17.125"



Product Family	Lens Type	Lens Size	Wattage	Options*
740 Medium	9 - Clear Glass	9 - White 3B - Bronze 5 - Black	740	PE - Photocell (120 Volt Only) PE2 - Photocell (208-277 Volt) WG - W/G Guard VS - Vandal Shield (Clear Polycarbonate) EMB1 - Integral Emergency Ballast EMB2 - Remote Emergency Ballast DIM - Dimming Ballast* 277 - 277 Volts*
741 Large			741	26Q5 - (1) 26 Watt Quad (ii) 52QE - (2) 18 Watt Quad (ii) 32TT - (1) 32 Watt Triple Tube (ii) 42TT - (1) 42 Watt Triple Tube (ii) 64TT - (2) 32 Watt Triple Tube (ii) 70TT - (1) 70 Watt Triple Tube Electronic (ii) 84TT - (2) 42 Watt Triple Tube (ii) 100M - (1) 100 Watt MH (M6G) (iv)
742 Extra Large			742	150M - (1) 70 Watt MH (M6G) (iv) 250M - (1) 250 Watt MH (M6G) (iv) 250H - (1) 250 Watt HPS (M6G) (iv) 140TT - (2) 70 Watt Triple Tube Electronic (ii) 400H - (1) 400 Watt HPS (M6G) (iv) 400M - (1) 400 Watt MH (M6G) (iv)

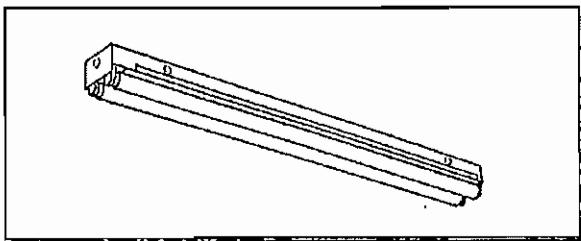
\*Additional lead times may apply.

T-UL Wet Location Listed

[www.inconlighting.com](http://www.inconlighting.com)



## STANDARD STRIP



2', 3', 4', 6', or 8'  
1 or 2 Lamp  
T8 or T12

### CONSTRUCTION/FINISH

- Luminaires suitable for unit, row, surface, or suspension mounting.
- Multiple knockouts for convenient installation.
- Heavy duty channel of code gauge die formed steel.
- High reflectance white baked enamel finish.
- Quarter turn latch secures channel cover for easy wireway access.
- See page 1119-S for strip reflectors.

### ELECTRICAL

- UL listed for direct mounting on low density ceilings and damp locations.
- Class P, HPF, CBM certified ballasts comply with © Federal Ballast Law (Public Law 100-357, 1988).
- Green grounding screw installed in channel.
- Lampholders may be individually replaced or rewired.

These will be installed in 8'  
sections with 28w lamps.

### CATALOG NUMBER

**T      2      28      - UNV      - CG4**

FIXTURE FAMILY	LAMP TYPE/WATTAGE	OPTIONS
T -- Standard Strip (Rapid Start) except 20	17 - 17wT8 (24") 20 - 20wT12 (24")	See Section 1600-0A for Option Information.
TL -- Standard Strip (Trigger Start) 20 only	25 - 25wT8 (36") 30 - 30wT12 (36")	
TT -- Tandem "T" Series	32 - 32wT8 (48") 40 - 40wT12 (48")	See page 950-SS for Mounting Hardware.
	CF40 - 40wTTS (24") CF50 - 50wTTS (24") CF55 - 55wTTS (24")	
NO. OF LAMPS PER CROSS SECTION	VOLTAGE	
(not included)	120	
1	277	
2	347	
	UNV - Universal voltage, 120-277 volt (with T8 or T5 electronic ballast only)	

### NOTES:

- With generic Electronic Ballasts (Brand selected by Day-Brite)  
Suffix Catalog # with - Ballast Quantity - / -EB Lamps Per Ballast.

Example: -1/2-EB = One 2 Lamp Electronic Ballast.

Example: -1/4-EB = One 4 Lamp Electronic Ballast (Available for T8 only)

### JOB INFORMATION

1103.2-S

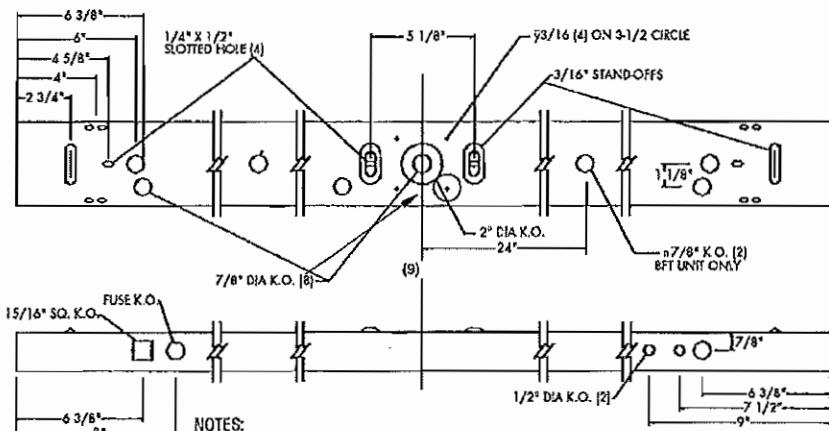
Job Name:

Type:

# STANDARD STRIP

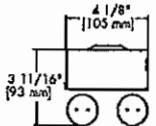
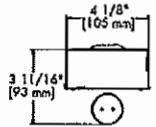


## DIMENSIONS



NOTE: 2' & 3' MODELS INCLUDE ONLY OUTBOARD DETAILS

DIM. 'A'	INCHES (mm)
2' CHANNEL	24" (610 mm)
3' CHANNEL	35" (914 mm)
4' CHANNEL	48" (1219 mm)
6' CHANNEL	72" (1829 mm)
8' CHANNEL	96" (2438 mm)



## PHOTOMETRIC DATA

CATALOG # T240  
TEST # 13900-1

S/MH=1.6

LAMPS = F40  
BALLAST = ESB

INPUT WATTS = 84  
BALLAST FACTOR = .94

LER = FS-66

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.64 BASED ON 3000 HRS. AND \$.08 PER KWH.

Fixture Efficiency = 93.4%

CANDLEPOWER			
Angle	End	45	Cross
0	1057	1057	1057
5	1060	1071	1071
15	1021	1074	1102
25	1061	1125	
35	1025	1127	
45	1055	1064	1031
55	1017		
65	931	739	892
75	1057	571	722
85	1039	494	
95	1045	502	
105	1036	505	451
115	1023	399	
125	1074	324	
135	1035	245	
145	1048	158	
155	1048	95	
165	1014	33	
175	1027	6	

MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture*						
■ 50-50-20 Reflectances (Ceiling-Wall-Floor)						
■ LLF = 0.74 3050 Lumens/Lamp Medium Dirt						
■ Room width divided by room height = 5 or more, 2 or 1						
Fixture Size & # of Lamps	Room Width	Approx. Area (sq. ft.) per Fixture				
	Room Height	10 ft-c 30 ft-c 50 ft-c 70 ft-c 100 ft-c				
4'	6	339	112	68	47	33
2-Lamp	2	220	73	44	31	-
	1	156	52	31	-	-

COEFFICIENT OF UTILIZATION						
PLC	20	30	70	50	30	50
PC	89					
PCW		70	50	30	70	50
PR		50	30	20	50	30
RCR	65	83	85	69	85	82
1	85	77	70	81	74	67
2	77	67	59	73	64	57
3						59
4	70	59	50	67	55	48
5	64	51	45	61	49	41
6	58	46	37	55	44	38
7	54	41	32	51	33	21
8	49	36	28	47	35	27
9	45	33	25	43	31	24
10	42	30	22	40	28	21
						26

LIGHT LOSS FACTOR DATA						
■ LLF = 0.74 HPF Ballast						
■ LLF = 0.43 LPF Ballast						
■ LLF = Light Loss Factor						
■ LDD = Luminaire Dirt Depreciation						
■ IES Category I Clean Annually						
■ LLD = 0.88 @ 40% Rated Lamp Life						
■ LLD = Clean 0.93 Medium 0.89						
■ LDD = Clean 0.93 Medium 0.89						
■ DDD = 0.43 LPF Ballast						
■ DDD = 0.94 HPF Ballast						
■ DDD = 0.94 HPF Ballast						
■ DDD = 0.55 LPF Ballast						
■ DDD = 0.55 LPF Ballast						
■ 3F = Ballast Factor (commercial) ballast performance)						
■ Relamp @ 70% Lamp Life						

LIGHT DISTRIBUTION						
DEGREES	LUMENS	% LAMP	% FIXTURE			
0-30	839	14.8	15.6			
0-40	1518	24.9	26.7			
0-60	2973	46.7	52.2			
0-90	4541	74.4	79.7			
90-180	1154	18.9	20.3			
0-180	5695	93.4	100.0			

## PHOTOMETRIC DATA

CATALOG # T232-1/2-E8  
TEST # 14719 S/MH=1.6

LAMPS = F32TB  
BALLAST = ELECTRONIC

INPUT WATTS = 61  
BALLAST FACTOR = .88

LER = FS-78

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.08 BASED ON 3000 HRS. AND \$.08 PER KWH.

Fixture Efficiency = 93.3%

CANDLEPOWER			
Angle	End	45	Cross
0	1019	1019	1019
5	1015	1018	1034
15	976	1009	1019
25	1001	980	1059
35	1073	1058	1059
45	1058	1038	1019
55	1046	1000	956
75	1044	1003	918
85	1044	1003	842
95	1027	985	852
105	1035	1005	812
115	1029	979	799
125	1015	934	734
135	1014	934	735
145	1016	946	133
155	1015	945	42
165	1017	946	5
175	9	5	6

MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture*						
■ 80-50-20 Reflectances (Ceiling-Wall-Floor)						
■ LLF = 0.75 2900 Lumens/Lamp Clean						
■ Room width divided by room height = 5 or more, 2 or 1						
Fixture Size & # of Lamps	Room Width	Approx. Area (sq. ft.) per Fixture				
	Room Height	10 ft-c 30 ft-c 50 ft-c 70 ft-c 100 ft-c				
2-Lamp	5	-	130	78	56	59
32 watt	2	-	64	50	36	-
	1	-	59	36	-	-

AVERAGE LUMINANCE CD/SQM WITH 2900 LUMEN LAMPS						
ANGLE	END	45°	CROSS	8.5	10	8.5
45	6257	6389	6586	30x30	22	27
55	6593	6243	5738	40x40	19	22
65	4843	6152	7171	60x30	23	19
75	3551	6404	6627	60x60	17	19
85	1448	4423	5033	100x100	17	18

LLF = .75 LLF = LIGHT LOSS FACTOR LDD = LDD X LLD X BF LDD = VERY CLEAN 0.94 CLEAN 0.90  
LLD = 0.51 @ 40% RATED LAMP LIFE BF = 0.88 ELECTRONIC BALLAST & 16 LAMP (RELAMP AT 70% LAMP LIFE)

©2008 DAY-BRITE LIGHTING  
DB-03-08  
DAY-BRITE RESERVES THE RIGHT TO  
MAKE CHANGES WITHOUT NOTICE.

Day-Brite® Lighting  
a Genlyte company



1475 Hymer Avenue (775) 337-2063  
Sparks, NV 89431 fax: (775) 337-2066  
Nevada Contractors License # 0023372A

## REQUEST FOR CHANGE ORDER #5

Date: November 1, 2011

Page: 1 of 2

To: **Rob Cho/ Hyung Lee**  
PacificWest Engineering Solutions, Inc.  
561 Keystone Avenue #300  
Reno, NV 89503

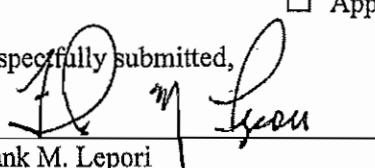
Job Name & Address: **Carson City Corporate Yard Salt/ Cinder Building**  
3303 Butti Way  
Carson City, NV 89701

Credit for the 38" x 43" x 10" concrete pedestal which was to be used for the proposed photovoltaic inverter. During the submittal process the inverter installation was changed to be wall-mounted and therefore eliminated the need for the concrete pedestal.

**REQUEST FOR C.O. #5 TOTAL: <\$214.88> (See attached breakdown)**

Approved  Denied

Respectfully submitted,

  
Frank M. Lepori  
President  
Frank Lepori Construction, Inc.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

**IF APPROVED** - The above prices and specifications in this RCO are satisfactory and are hereby approved. All work to be performed under the same terms and conditions as specified in the original Contract unless otherwise stipulated and this RCO shall become part of and in conformance with the existing Contract.

*Please sign and return approved/denied R.C.O.. If "pending" is typed for "Revised Contract Amount" there are previous Request For Change Orders still outstanding. The correct amount will be entered on the next R.C.O. once the outstanding R.C.O.(s) are approved or denied.*

---

Request for C.O. Total:	<\$ 214.88>
Previous Contract Amount:	\$539,890.61
Revised Contract Amount:	\$539,675.73

Page 2 of 2

Request for Change Order

CARSON CITY CORPORATE YARD SALT/ CINDER BUILDING

Carson City, NV 89701

**REQUEST FOR CHANGE ORDER #5  
COST BREAKDOWN**

Credit for the 38" x 43" x 10" concrete pedestal which was to be used for the proposed photovoltaic inverter. During the submittal process the inverter installation was changed to be wall-mounted and therefore eliminated the need for the concrete pedestal.

Sierra West Concrete (See attached):	<\$ 145.00>
Frank Lepori Construction mark-up @ 5%	<\$ 7.25>
Frank Lepori Construction, Inc. (Direct Costs)	
Excavation & Compaction	<\$ 52.61>
Frank Lepori Construction, Inc. mark-up @ 15%:	<u>&lt;\$ 7.89&gt;</u>
Frank Lepori Construction, Inc insurance @ 1%:	<u>&lt;\$ 2.13&gt;</u>
<b>REQUEST FOR CHANGE ORDER TOTAL:</b>	<b>&lt;\$ 214.88&gt;</b>

*\*Additional contract days required to perform this work: Zero (0) calendar days*

---

**From:** Sierra West Concrete [mailto:rknorzer@aol.com]  
**Sent:** Wednesday, October 12, 2011 10:17 AM  
**To:** harrison@leporiconstruction.com  
**Subject:** Re: Carson City Corp. Yard- Cocrete

Harrison,

We reviewed our take off for the Inverter Pad...want to make sure we are talking about the same thing, Our figures for this pad was only a 38" x 43" x 10" thick pad...if we are on the same page the deduction would be \$145.00.

We can credit that in a change order, We also need a change order for the revisions on the footings...

Please advise, Available anytime on cell...690-5347

Tim Knorzer

-----Original Message-----

From: Harrison Herrera <harrison@leporiconstruction.com>  
To: 'Sierra West Concrete' <rknorzer@aol.com>  
Cc: Jesse <jesse@leporiconstruction.com>  
Sent: Fri, Oct 7, 2011 1:11 pm  
Subject: Carson City Corp. Yard- Cocrete

Tim,

Good afternoon. I wanted to give you the heads up that the inverter pad (Pedestal) has been eliminated from the project; these units will now be surface mounted to the metal building. The owner has requested that a credit be provided for this work. Please do so at your earliest convenience. Contact me with any questions.

**Harrison Herrera**  
Project Manager  
**Frank Lepori Construction, Inc.**  
(775) 337-2063  
(775) 337-2066 Fax

**Confidentiality Notice:** This communication and any attachments it contains are for the use of the intended recipient(s) only and may contain confidential, proprietary and privileged information that may be exempt from disclosure under applicable law. If you are not the intended recipient(s) and have received this in error, you are hereby advised that any review, retention, copying, disclosure, or distribution of this communication or any portion thereof is strictly prohibited. Please notify the sender by replying to this message and delete this message and any attachments from your computer. All efforts have been made to verify this email and any attachments are virus free, however, we cannot accept any liability.

**CARSON CITY CONTRACTS**  
**CHANGE ORDER No. 3**

Contract No. 1011.241  
Project Title: Salt/Cinder Building and Photovoltaic System

Project File No. 2.0821

The Contractor is hereby authorized to make the following changes to the Scope of Work for the referenced contract, subject to the provisions of the contract documents:

This change order is initiated by the City to cover modifications made to This change order is initiated due to the change in the type of fiber optic connection at the project to meet Carson City's newly released specifications per Lux Energies.

Justification: Contract documents allow the City to make adjustments to the contract.

Requested By: City

Item #1: Increases  Decreases  Does not change  the Contract Sum by: \$6,153.00

Item #1: Increases  Decreases  Does not change  the Contract Term by: \_\_\_\_\_ Calendar days

**SUMMARY**

1 Original Contract Sum	\$515,819.99
2 Net change by previously approved Change Orders	\$9,568.32
3 Contract Sum prior to this Change Order	\$525,388.31
4 Contract Sum will be increased <input checked="" type="checkbox"/> decreased <input type="checkbox"/> unchanged <input type="checkbox"/> by: \$6,153.00	\$531,541.31
5 Revised Contract Sum including this Change Order	
6 Original number of calendar days to complete the contract	155
7 Contract Term will be increased <input type="checkbox"/> decreased <input type="checkbox"/> unchanged <input checked="" type="checkbox"/> by:	
8 Revised number of days to complete the contract	0
9 Revised date of Completion by this Change Order	Jan. 9, 2011

Jan. 30, 2012 *TMJ*

Not valid until signed by Contracts, Contractor, and Project Manager.  
This change authorization constitutes full and complete compensation for all labor, equipment, materials, overhead, profit, any and all indirect costs, and time adjustment to perform the above described change. All other costs are non-compensable.

**CONTRACTS**

City of Carson City

By: *Karen L. White*

Printed Name: *Karen L. White*

Title: *Management Analyst III*

Date: *12-29-11*

**CONTRACTOR**

By: *Frank M. Repari*

Printed Name: *Frank M. Repari*

Title: *President*

Date: *12/29/11*

**PROJECT MANAGER**

By: *Tom Grundy*

Printed Name: *Tom Grundy*

Title: *Senior Project Manager*

Date: *12-22-11*

*b6*

**CARSON CITY CONTRACTS**  
**CHANGE ORDER No. 3**

Contract No. 1011.241

Project Title: Salt/Cinder Building and Photovoltaic System

Project File No. 2.0821

The Contractor is hereby authorized to make the following changes to the Scope of Work for the referenced contract, subject to the provisions of the contract documents:

This change order is initiated by the City to cover modifications made to This change order is initiated due to the change in the type of fiber optic connection at the project to meet Carson City's newly released specifications per Lux Energies.

Justification: Contract documents allow the City to make adjustments to the contract.

Requested By: City

Item #1: Increases  Decreases  Does not change  the Contract Sum by: \$6,153.00

Item #1: Increases  Decreases  Does not change  the Contract Term by: \_\_\_\_\_ Calendar days

**SUMMARY**

1 Original Contract Sum

\$515,819.99

2 Net change by previously approved Change Orders

\$9,568.32

3 Contract Sum prior to this Change Order

\$525,388.31

4 Contract Sum will be increased  decreased  unchanged  by:

\$6,153.00

5 Revised Contract Sum including this Change Order

\$531,541.31

6 Original number of calendar days to complete the contract

155

7 Contract Term will be increased  decreased  unchanged  by:

0

8 Revised number of days to complete the contract

Jan. 9, 2011

9 Revised date of Completion by this Change Order

**Not valid until signed by Contracts, Contractor, and Project Manager.**

This change authorization constitutes full and complete compensation for all labor, equipment, materials, overhead, profit, any and all indirect costs, and time adjustment to perform the above described change. All other costs are non-compensable.

**CONTRACTS**

City of Carson City

By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**CONTRACTOR**

By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**PROJECT MANAGER**

By: \_\_\_\_\_

Printed Name: Tom Grundy

Title: Senior Project Manager

Date: 12-22-11

h

**ATTACHMENT NO. 1 TO CHANGE ORDER NO. 3**  
**Salt/Cinder Building and Photovoltaic System**  
**CONTRACT NO. 1011-241      PROJECT 2.0821**

This change order is initiated due to the change in the type of fiber optic connection at the project to meet Carson City's newly released specifications per Lux Energies.

**Item Number 1**

This item includes the additional cost to change the type of fiber optic connection at the project to meet Carson City's newly released specifications per Lux Energies.

Allowable cost adjustment is \$6153.00

Total allowable cost adjustment for Change Order No. 2 is \$6153.00  
Total allowable time extension to complete project is 0 days

**PUBLIC WORKS  
DEPARTMENT**

**ADMINISTRATION**  
3505 Butti Way  
Carson City, NV 89701-3498  
Ph: 775-887-2355  
Fx: 775-887-2112

**FLEET SERVICES**  
3303 Butti Way, Building 2  
Carson City, NV 89701-3498  
Ph: 775-887-2356  
Fx: 775-887-2258

**OPERATIONS**  
(Water, Sewer, Wastewater,  
Streets, Landfill, Environmental)  
3505 Butti Way  
Carson City, NV 89701-3498  
Ph: 775-887-2355  
Fx: 775-887-2112

**ENGINEERING/  
TRANSPORTATION/  
CAPITAL PROJECTS**  
3505 Butti Way  
Carson City, NV 89701-3498  
Ph: 775-887-2355  
Fx: 775-887-2112

**BUILDING and SAFETY  
PERMIT CENTER**  
108 E. Proctor Street  
Carson City, NV 89701-4240  
Ph: 775-887-2310  
Fx: 775-887-2202

**PLANNING**  
108 E. Proctor Street  
Carson City, NV 89701-4240  
Ph: 775-887-2180  
Fx: 775-887-2278

**CARSON CITY NEVADA**  
Consolidated Municipality and State Capital



Work Directive #5 for  
Salt/Cinder Building and Photovoltaic System  
Contract # 1011-241

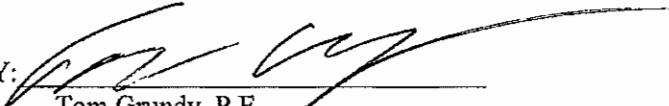
**Work Directive #5**

Contractor: Frank Lepori Construction, Inc.  
Date Issued: 12/13/2011

**Item 1 Authorized Directive:**

This item includes the additional cost to change the type of fiber optic connection at the project to meet Carson City's newly released specifications per Lux Energies. A cost adjustment of \$6,153.00 shall be made to the contract for this item.

BY:

  
Tom Grundy, P.E.  
Senior Project Manager



1475 Hymer Avenue (775) 337-2063  
Sparks, NV 89431 fax: (775) 337-2066  
Nevada Contractors License # 0023372A

## REQUEST FOR CHANGE ORDER #8

Date: December 2, 2011

Page: 1 of 2

To: **Rob Cho/ Hyung Lee**  
PacificWest Engineering Solutions, Inc.  
561 Keystone Avenue #300  
Reno, NV 89503

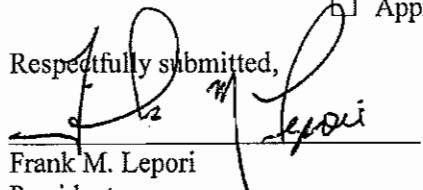
Job Name & Address: **Carson City Corporate Yard Salt/ Cinder Building**  
3303 Butti Way  
Carson City, NV 89701

Additional costs to change the type of fiber optic connection at the project to meet Carson City's newly released specifications per the attached scope provided by Lux Energies (See attached).

**REQUEST FOR C.O. #8 TOTAL: \$6,153.00 (See attached breakdown)**

Approved  Denied

Respectfully submitted,

  
Frank M. Lepori  
President  
Frank Lepori Construction, Inc.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

**IF APPROVED** - The above prices and specifications in this RCO are satisfactory and are hereby approved. All work to be performed under the same terms and conditions as specified in the original Contract unless otherwise stipulated and this RCO shall become part of and in conformance with the existing Contract.

*Please sign and return approved/denied R.C.O.. If "pending" is typed for "Revised Contract Amount" there are previous Request For Change Orders still outstanding. The correct amount will be entered on the next R.C.O. once the outstanding R.C.O.(s) are approved or denied.*

---

Request for C.O. Total:	\$ 6,153.00
Previous Contract Amount:	\$525,388.31
Revised Contract Amount:	\$531,541.31

Page 2 of 2

Request for Change Order

CARSON CITY CORPORATE YARD SALT/ CINDER BUILDING

Carson City, NV 89701

**REQUEST FOR CHANGE ORDER #8  
COST BREAKDOWN**

Additional costs to change the type of fiber optic connection at the project to meet Carson City's newly released specifications per the attached scope provided by Lux Energies (See attached).

Lux Energies, Inc. (See attached): \$ 5,860.00

Frank Lepori Construction, Inc. mark-up @ 5% \$ 293.00

**REQUEST FOR CHANGE ORDER TOTAL: \$ 6,153.00**

*\*Additional contract days required to perform this work: Zero (0) calendar days*

# Change Order

Modified: 12/02/2011  
Revision: 1



2 December 2011

Lepori Construction  
Attn: Harrison Herrera  
1475 Hymer Ave.  
Sparks, NV 89431

Carson City Corporate Yard Salt/Cinder Building  
And Photovoltaic System  
FIBER CONNECTION CHANGES  
PWP# CC-2011-300

Lux Energies, a Service Disabled Veteran Owned Small Business (SDVOSB), is pleased to submit a quotation for the electrical work at the above referenced project, in accordance with all of the qualifications. Bid Limit is \$550,000.

**Change Order #2:**

- 1) Change type of fiber optic connection to meet Carson City's newly released specifications. Original bid set plans called out fiber connection for PV monitoring only.

**Originally Proposed:**

Installation of one 6 strand, multi-mode, OSP, fiber optic cable. This cable will be installed in conduit supplied by others. Termination of the fiber will be with field installed type SC connectors. All strands will be tested and labeled upon completion.

**Inclusions:**

600' – 6 strand OSP, 62.5, Fiber Optic Cable  
2 – Wall Mount Fiber Enclosures  
2 – 6 Port SC Fiber Bulkheads  
12 – SC Unicam Fiber Connectors  
1 – Lot Installation, Termination and Testing Labor

**Included In Bid (No Cost Impact)**

**Per City Specifications:**

Installation of one 12 strand, multi-mode, OSP, fiber optic cable. This cable will be installed in conduit supplied by others. Termination of the fiber will be with pre ended SC OM1 pigtailed fusion spliced to the OSP fiber. The appropriate splice tray and connector bracket for each enclosure will also be installed. All strands will be tested and labeled upon completion.

Page 1

## Change Order

Inclusions:

- 600' - 12 strand OSP, 62.5, Fiber Optic Cable
- 1 - Corning Wall Mount Fiber Enclosure Corning P/N WCH-02P w/Lock Kit
- 1 - Corning Rack Mount Fiber Enclosure Corning P/N PCH-01U
- 3 - 12 Port SC Fiber Bulkheads
- 1 - 12/24 Splice Trays for WCH Enclosure Corning P/N M67-110
- 1 - Splice Tray Brackets Corning P/N WCH-SPLC-2P
- 1 - 12/24 Splice Tray for PCH Enclosure Corning P/N M67-48
- 1 - Splice Tray Connector Kit Corning P/N PC1-SPLC-04R
- 2 - Pigtailed 12 SC Duplex 3 Meter 62.5 OM1
- 1 - Lot Fusion Splice Rental
- 1 - Lot Installation, Termination and Testing Labor
- 2 - Automation Direct SE-SW5U-SC-WT 5 port Ether Switch w/SC Fiber Port
- 2 - Automation Direct PSC-24-015 Power Supply

Additional Materials: \$4,110.02

Additional Labor: \$1,442.76

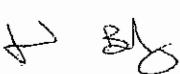
Tax: \$307.22

Total Cost Increase: \$5,860.00

\*The terms of this change order will be the same as the original PO and contract and increase the total contract by the above stated amount.  
Sales Taxes included in pricing.

Acceptance:

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_

Lux Energies Inc.  Date: 12/02/11

Page 2

# FREEDM® One Plenum Cables

A LANscape®  
Solutions Product

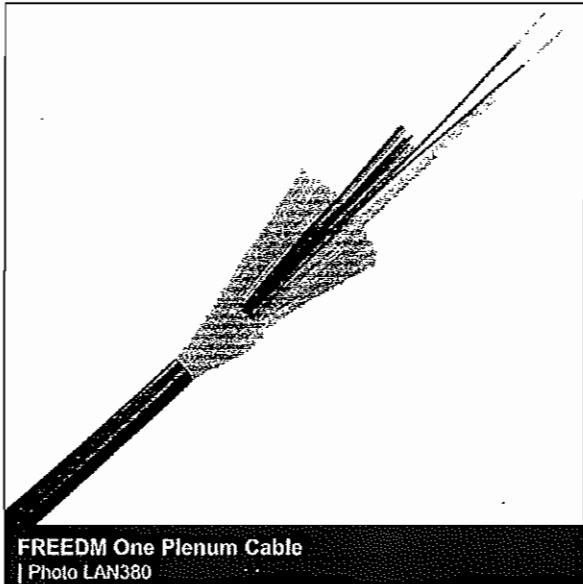
## features and benefits |

Waterblocking technology	OSP applications
Small diameter and bend radius	Easy installation in space-constrained areas
Color-coded fibers	Easy identification and consistent stripings
All-dielectric cable construction	Requires no grounding or bonding
UV resistant, flame- retardant jacket	Rugged, durable and easy to strip

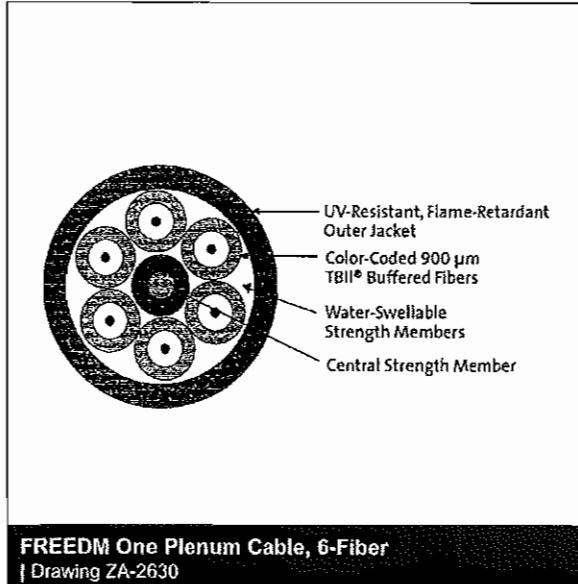
Corning Cable Systems FREEDM® One Plenum Cables are flame-retardant, indoor/outdoor, plenum cables designed for aerial and duct applications with no need for a transition splice when entering the building. Available in fiber counts of six, 12, 18 and 24 fibers, the tight-buffered construction facilitates easier termination for low-fiber-count applications in the local area network (LAN) and eliminates need for fan-out kits. The design features TIA-598 color-coded 900 µm TBI® Buffered Fibers for easy identification, consistent stripping and direct termination.

Available in 50 µm, 62.5 µm, single-mode and hybrid versions, the cable design meets ICEA S-104-696 test criteria and is also OFNP and FT-6 listed for plenum, riser and general purpose use. The small diameter and bend radius of the cable allow for easy installation in space-constrained areas, while the innovative water-blocking technology is ideal for OSP applications.

*(continued)*



FREEDM One Plenum Cable  
| Photo LAN380

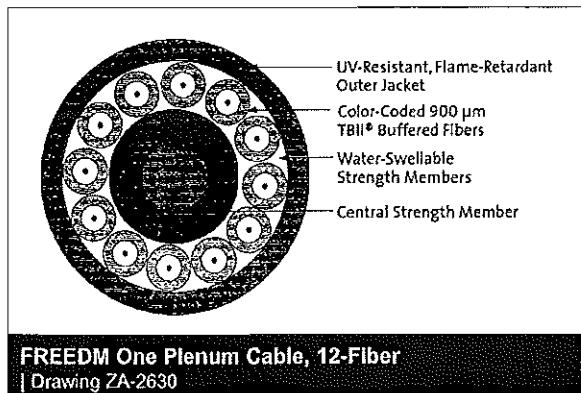


FREEDM One Plenum Cable, 6-Fiber  
| Drawing ZA-2630

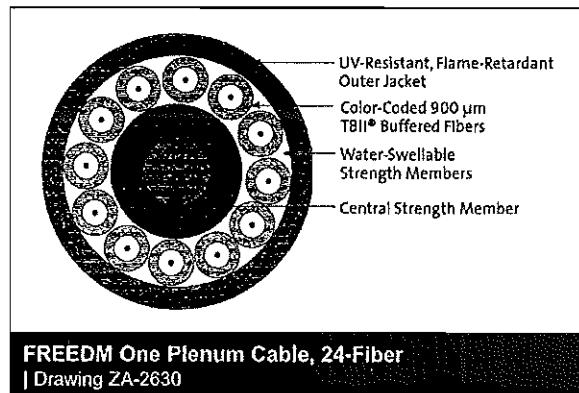
# FREEDM® One Plenum Cables

A LANscape®  
Solutions Product

The all-dielectric cable construction requires no grounding or bonding and the UV-resistant, flame-retardant jacket is rugged, durable and easy to strip. This cable is also available with interlocking armor for special applications requiring additional mechanical durability.



FREEDM One Plenum Cable, 12-Fiber  
| Drawing ZA-2630



FREEDM One Plenum Cable, 24-Fiber  
| Drawing ZA-2630

## specifications |

### Temperatures

Storage: -40° to +70°C (-40° to +158°F)  
Installation: 0° to +60°C (+32° to +140°F)  
Operation: -40° to +70°C (-40° to +158°F)

### Approvals and Listings

National Electrical Code® (NEC®) OFNP, CSA FT-6

### Design and Test Criteria

IECA S-104-696

*Corning Cable Systems recommends storing indoor/outdoor cable in a proper temperature environment prior to installation to allow the cable temperature to meet installation temperature range specifications for best installation results.*

Fiber Count	Nominal Cable Weight kg/km (lb/1000 ft)	Nominal Outside Diameter mm (in)	Minimum Bend Radius Loaded cm (in)	Installed cm (in)	Maximum Tensile Loads Short-Term N (lbf)	Long-Term N (lbf)
6	37 (25)	6.2 (0.24)	9.3 (3.7)	6.2 (2.4)	1335 (300)	400 (90)
12	58 (39)	7.3 (0.29)	11.0 (4.3)	7.3 (2.9)	1335 (300)	400 (90)
18	101 (68)	9.6 (0.38)	14.4 (5.7)	9.6 (3.8)	2670 (600)	800 (180)
24	138 (93)	10.9 (0.43)	16.4 (6.5)	10.9 (4.3)	2670 (600)	800 (180)

# FREEDM® One Plenum Cables

A LANscape®  
Solutions Product

transmission performance |

	LANscape® 62.5 Solutions	LANscape Premium® 150 Solutions	LANscape Premium 300 Solutions	LANscape Premium 550 Solutions	LANscape Premium 600 Solutions	Single-Mode
Fiber Code	K	T	T	T	T	E
Performance Option Code	30	31	80	90	91	31
Optical Fiber Type (μm)	62.5 Multimode	50 Multimode	50 Multimode	50 Multimode	50 Multimode	Single-mode****
ISO/IEC 11801 Nomenclature	OM1	OM2	OM3**	OM4**	OM4**	OS2
Wavelength (nm)	850/1300	850/1300	850/1300	850/1300	850/1300	1310/1383/1550
Maximum Attenuation (dB/km)	3.4/1.0	2.8/1.0	2.8/1.0	2.8/1.0	2.8/1.0	0.65/0.65/0.50
Minimum Over Filled Launch (OFL) Bandwidth (MHz·km)	200/500	700/500	1500/500	3500/500	3500/500	-/-/-
Minimum Effective Modal Bandwidth (EMB) (MHz·km)	220/-	950/-	2000/-	4700/-	5350/-	-/-/-
Serial 1 Gigabit Ethernet Distance (m)	300/550	750/600	1000/600	1100/600	1100/600	5000 /-/-
Serial 10 Gigabit Ethernet Distance (m)	38/5	150/-	300/-	550*/-	600**/-	10000/-/40000

\* Assumes 1.0 dB maximum total connector/splice loss.

\*\* Assumes 0.7 dB maximum total connector/splice loss.

\*\*\* Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play® Systems solutions.

\*\*\*\* ITU 652.D compliant.

Notes:

- 1) Improved attenuation and bandwidth options available.
- 2) Bend-insensitive single-mode fibers available on request.
- 3) Contact a Corning Cable Systems Customer Service Representative for additional information.
- 4) 50 μm multimode fiber macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel.

# FREEDM® One Plenum Cables

A LANscape®  
Solutions Product

ordering information | Contact Customer Service at 800-743-2671 for other options.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	P	-	3	1	1	<input type="checkbox"/>	<input type="checkbox"/>	-	2	9
1	2	3	4	5	6	7	8	9	10	11	12	13	14	

|1-3

Select fiber count.  
Standard offerings:  
006 012 018 024

|4

Select fiber code  
(see Transmission  
Performance table).

|5 / 12

Defines cable type.  
8 / - = FREEDM® One Cable

|6

Defines outer jacket.  
P = Indoor/outdoor plenum

|7

Defines fiber placement.  
3 = Standard for FREEDM  
One Plenum Cable

|8

Defines length markings.  
1 = Markings in feet  
(standard) for  
single-layer design

|9

Defines tensile strength  
(see Specifications).

|10-11

Select performance  
option code  
(see Transmission  
Performance table).

|13-14

Defines special  
requirements.  
29 = No special requirements

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-901-5973 • International: +1-828-901-5000 • [www.corning.com/cablesystems](http://www.corning.com/cablesystems)

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LAN-492-EN / October 2009

**CARSON CITY**  
CLAIM FORM

Date: November 8, 2011  
Dept: Contracts  
No: 110811

Vendor Number	8883 2664874
Name	FRANK LEPORI CONSTRUCTION, INC.
Address	1475 HYMER AVENUE
City, State & Zip	SPARKS, NV 89431

Type or Print Complete Name & Address

Account Number	Description	Amount
	Contract No. 1011-241 Payment #1	
	CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLAR PHOTOVOLTAIC SYSTEM	
505-3702-437-7774	Application and Certificate for work through October 31, 2011	229,604.36
505-0000-206-0506	RETENTION HELD (\$22,960.44)	(22,960.44)
	Contract Amount	\$515,819.99
	Plus Amendments/Change Orders	+6,820.83
	REVISED Contract Amount	\$522,640.82
	Less Previous Payments	-0.00
	Less This Payment	-206,643.92
	REMAINING BALANCE	\$315,996.90
	Total Amount	206,643.92

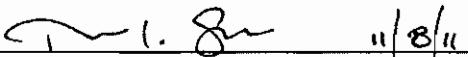
I HEREBY CERTIFY UNDER PENALTY OF PERJURY that the above claim and the items, amounts and statements as herein set out are true and correct, that no part thereof has been therefore paid, that the amount claimed is justly due.

The above claim is approved for payment subject to the availability of funds.

Karen L. White  
Prepared by/claimant

GROUP # & CHECK DATE:

1333 11-18-11

  
Darren Schulz, Deputy Public Works Director

Carson City Id No. 88-6000189

**CARSON CITY CONTRACTS  
APPLICATION AND CERTIFICATE FOR PAYMENT**

**PROJECT INFORMATION**

Contract No.: 1011-241  
Project Title: CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLAR  
Contract Date: 7/21/2011  
Payment No.: 1  
Period Through: 31-Oct-11

OWNER: City of Carson City  
Public Works - Contracts Division  
3505 Bull Way  
Carson City, NV 89701  
775-887-2355 Fax 775-887-2112

**CONTRACTOR:**  
FRANK LEPORI CONSTRUCTION, INC.  
1475 HYMER AVENUE  
SPARKS, NV 89341  
FRANK M. LEPORI, PRESIDENT  
775-337-2083 PHONE # 775-337-2066 PHONE #

**PROJECT MANAGER:**  
TOM GRUNDY, PROJECT MANAGER  
3505 Bull Way  
Carson City, NV 89701  
775-887-2355 Fax 775-887-2112

1 ORIGINAL CONTRACT SUM \$515,819.99

2 NET CHANGES TO CONTRACT AMOUNT \$6,820.83

3 ADJUSTED CONTRACT SUM \$522,640.82

4 TOTAL COMPLETED TO DATE \$229,604.36

5 RETAINAGE:  
5.1 10.00% 10% of Total Completed To Date \$22,960.44

OR

5.2 5% of Total Completed To Date \$0.00

6 TOTAL EARNED LESS RETAINAGE \$206,643.92

7 LESS PREVIOUS CERTIFICATES FOR PAYMENT \$0.00

(Line 6 from prior Certificate)

8 CURRENT PAYMENT DUE (CERTIFIED BY PROJECT MANAGER) \$206,643.92

9 BALANCE TO FINISH, INCLUDING RETAINAGE \$309,176.07

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application and Certificate for Payment has been completed in accordance with the Contract Documents; that all amounts have been paid by the Contractor for work for which previous Application and Certificate for Payment were issued and payment received from the Owner; and that the current payment shown herein is now due.

By:

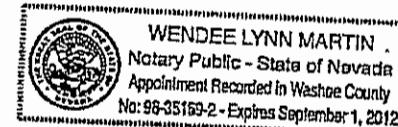
Contractor: FRANK LEPORI CONSTRUCTION, INC.  
FRANK M. LEPORI, PRESIDENT

State of: Nevada

County of: Washoe.

Subscribed and sworn to before me this 8<sup>th</sup> day of November, 2011.

Notary Public: *Wendee Lynn Martin*  
My Commission Expires: 9/1/12



**PROJECT MANAGER CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on on-site observations and the data comprising this application; the Project Manager certifies to the Owner that to the best of the Project Manager's knowledge, information, and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the amount certified as the current payment due.

AMOUNT CERTIFIED (CURRENT PAYMENT DUE): \$206,643.92

By: *TOM GRUNDY*  
TOM GRUNDY, PROJECT MANAGER

Date: 11-8-11

This Certificate is not negotiable. The AMOUNT CERTIFIED as the current payment due is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINGENCY SUMMARY		ADDITIONS	DEDUCTIONS
1 BOS approved Contingency	\$	51,582.00	
2 Change Orders			\$6,820.83
3 TOTAL OF CHANGE ORDER		\$6,820.83	\$0.00
4 Contingency Balance	\$	44,761.17	
OVER/UNDER OF BID ITEMS			
Bid Items Over Run		\$0.00	
Bid Items Under Run			-\$293,036.46
TOTAL		\$293,036.46	

CARSON CITY CONTRACTS  
APPLICATION AND CERTIFICATE FOR PAYMENT  
CONTINUATION SHEET

Contract No.: 1011-241  
Project Title: CARSON CITY CORPORATE YARD

A ITEM NO.	B DESCRIPTION OF WORK (from Bid Document)	QUANTITIES				UNIT (from) (bid doc)	UNIT PRICE (from) (bid doc)	EXTENDED COSTS		
		Scheduled Value (from) (bid doc)	From Previous Application	Work Placed This Period	C x G =			Scheduled Value C x G =	From Previous Application D x G =	TOTAL This Period E x G =
1	Mobilization, Demobilization and Clean-up	1.00	0.00	0.57	LS	\$43,857.41	43,857.41	0.00	24,998.72	24,998.72
2	Excavation, Patch Work	1.00	0.00	1.00	LS	\$33,825.75	33,825.75	0.00	33,825.75	33,825.75
3	Concrete, Foundation, Structural Work	1.00	0.00	0.90	LS	\$51,372.03	51,372.03	0.00	46,234.83	46,234.83
4	Pre-Fabricated Metal Building	1.00	0.00	0.60	LS	\$196,207.05	196,207.05	0.00	117,724.23	117,724.23
5	205 Watt Solar PV Panels	176.00	0.00		EA	\$490.94	86,405.44	0.00	0.00	0.00
6	30 KW Inverter	1.00	0.00		EA	\$20,466.79	20,466.79	0.00	0.00	0.00
7	Racking System	1.00	0.00		LS	\$25,197.97	25,197.97	0.00	0.00	0.00
8	Data Acquisition System	1.00	0.00		LS	\$9,125.22	9,125.22	0.00	0.00	0.00
9	Shaded Inverter Enclosure & Bollards	1.00	0.00		LS	\$10,359.97	10,359.97	0.00	0.00	0.00
10	Interior Lighting Fixtures	30.00	0.00		EA	\$229.74	6,892.20	0.00	0.00	0.00
11	Exterior Induction Lighting Fixtures	5.00	0.00		EA	\$1,223.48	6,117.40	0.00	0.00	0.00
12	Exterior Wallpack Lighting Fixtures	11.00	0.00		EA	\$103.71	1,140.81	0.00	0.00	0.00
13	Electrical Outlets & Boxes	13.00	0.00		EA	\$45.49	591.37	0.00	0.00	0.00
14	Electrical Conduit and Wiring	1.00	0.00		LS	\$17,216.87	17,216.87	0.00	0.00	0.00
15	Balance of System	1.00	0.00		LS	\$5,606.67	5,606.67	0.00	0.00	0.00
16	Inverter Extended Waranty of 20 years	1.00	0.00		LS	\$ 1,437.04	1,437.04	0.00	0.00	0.00
17		0.00	0.00				0.00	0.00	0.00	0.00
18		0.00	0.00				0.00	0.00	0.00	0.00
19		0.00	0.00				0.00	0.00	0.00	0.00
20		0.00	0.00				0.00	0.00	0.00	0.00
21		0.00	0.00				0.00	0.00	0.00	0.00
22		0.00	0.00				0.00	0.00	0.00	0.00
23		0.00	0.00				0.00	0.00	0.00	0.00
24		0.00	0.00				0.00	0.00	0.00	0.00
25		0.00	0.00				0.00	0.00	0.00	0.00
						TOTALS	515,819.99	0.00	222,783.53	222,783.53
26	CHANGE ORDER #1	1.00	0.00	1.00	LS	6,820.83	6,820.83	0.00	6,820.83	6,820.83
27		0.00	0.00				0.00	0.00	0.00	0.00
28		0.00	0.00				0.00	0.00	0.00	0.00
29		0.00	0.00				0.00	0.00	0.00	0.00
30		0.00	0.00				0.00	0.00	0.00	0.00
31		0.00	0.00				0.00	0.00	0.00	0.00
32		0.00	0.00				0.00	0.00	0.00	0.00
33		0.00	0.00				0.00	0.00	0.00	0.00
34		0.00	0.00				0.00	0.00	0.00	0.00
35		0.00	0.00				0.00	0.00	0.00	0.00
						TOTALS	522,640.82	0.00	229,604.36	229,604.36

**CARSON CITY**  
CLAIM FORM

Date: December 13, 2011  
Dept: Contracts  
No: 121311

Vendor Number	2664874
Name	FRANK LEPORI CONSTRUCTION, INC.
Address	1475 HYMER AVENUE
City, State & Zip	SPARKS, NV 89431

Type or Print Complete Name & Address

Account Number	Description	Amount
	Contract No. 1011-241 Payment #2	
	CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLAR PHOTOVOLTAIC SYSTEM	
505-3702-437-7774	Application and Certificate for work through November 30, 2011	135,979.34
505-0000-206-0506	RETENTION HELD (\$36,558.37)	(13,597.93)
	Contract Amount	\$515,819.99
	Plus Amendments/Change Orders	+9,568.32
	REVISED Contract Amount	\$525,388.31
	Less Previous Payments	-206,643.92
	Less This Payment	-122,381.41
	REMAINING BALANCE	\$196,362.98
	Total Amount	122,381.41

I HEREBY CERTIFY UNDER PENALTY OF PERJURY that the above claim and the items, amounts and statements as herein set out are true and correct, that no part thereof has been therefore paid, that the amount claimed is justly due.

Karen L. White  
Prepared by/claimant

*Jan. 8*

*12/14/11*

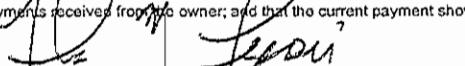
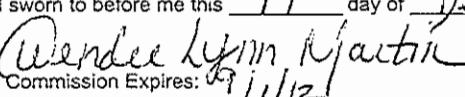
Darren Schulz, Deputy Public Works Director

The above claim is approved for payment subject to the availability of funds.

GROUP # & CHECK DATE:

*1683 12-23-11*

Carson City Id No. 88-6000189

CARSON CITY CONTRACTS APPLICATION AND CERTIFICATE FOR PAYMENT			
PROJECT INFORMATION		OWNER:	CONTRACTOR:
Contract No.: 1011-2414	City of Carson City: Public Works - Contracts Division	FRANK LEPORI CONSTRUCTION, INC. 1475 HYMER AVENUE SPARKS, NV 89341 FRANK M. LEPORI, PRESIDENT 775-337-2063 PHONE # 775-337-2066 PHONE #	PROJECT MANAGER: TOM GRUNDY, PROJECT MANAGER 3505 Buti Way Carson City, NV 89701 775-887-2355 Fax 775-887-2112
Project Title: CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLA	Contract Date: 7/21/2011	Payment No.: 2	Period Through: 30-Nov-11
1 ORIGINAL CONTRACT SUM \$515,819.99		The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application and Certificate for Payment has been completed in accordance with the Contract Documents; that all amounts have been paid by the Contractor for work for which previous Application and Certificate for Payment were issued and payments received from the owner; and that the current payment shown herein is now due.	
2 NET CHANGES TO CONTRACT AMOUNT \$9,568.32		By: 	
3 ADJUSTED CONTRACT SUM \$525,388.31		Contractor: FRANK LEPORI CONSTRUCTION, INC. FRANK M. LEPORI, PRESIDENT	
4 TOTAL COMPLETED TO DATE \$365,583.70		State of: Nevada County of: Washoe	
5 RETAINAGE: 5.1 10.00% 10% of Total Completed To Date \$36,558.37 OR 5.2 5% of Total Completed To Date \$0.00		Subscribed and sworn to before me this 14th day of December, 2011.	
6 TOTAL EARNED LESS RETAINAGE \$329,025.33		Notary Public:  My Commission Expires: 1/1/12	
7 LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) \$206,643.92		Notary Stamp  WENDEE LYNN MARTIN Notary Public - State of Nevada Appointment Recorded in Washoe County No: 98-35169-2 - Expires September 1, 2012	
8 CURRENT PAYMENT DUE (CERTIFIED BY PROJECT MANAGER) \$122,381.41		PROJECT MANAGER CERTIFICATE FOR PAYMENT In accordance with the Contract Documents, based on on-site observations and the data comprising this application; the Project Manager certifies to the Owner that to the best of the Project Manager's knowledge, information, and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the amount certified as the current payment due.	
9 BALANCE TO FINISH, INCLUDING RETAINAGE \$196,362.98		AMOUNT CERTIFIED (CURRENT PAYMENT DUE): \$122,381.41 By:  TOM GRUNDY, PROJECT MANAGER Date: 12-14-11	
CONTINGENCY SUMMARY ADDITIONS DEDUCTIONS			
1 BOS approved Contingency \$ 51,582.00	\$ 9,568.32	\$ 0.00	
2 Change Orders			
3 TOTAL OF CHANGE ORDER \$ 9,568.32			
4 Contingency Balance \$ 42,013.68			
OVER/UNDER OF BID ITEMS			
Bid Items Over Run	\$ 0.00		
Bid Items Under Run	-\$159,804.61		
TOTAL	-\$159,804.61		
This Certificate is not negotiable. The AMOUNT CERTIFIED as the current payment due is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.			

**CARSON CITY CONTRACTS**  
**APPLICATION AND CERTIFICATE FOR PAYMENT**  
**CONTINUATION SHEET**

Contract No.: 1011-241  
 Project Title: CARSON CITY CORPORATE YARD

A	B	C	D	E	F	G	H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK (from Bid Document)	QUANTITIES			UNIT (from) (bid doc)	UNIT PRICE (from) (bid doc)	EXTENDED COSTS			TOTAL TO DATE J + K =	
		Scheduled Value (from) (bid doc)	From Previous Application	Work Placed This Period			Scheduled Value C x G =	From Previous Application D x G =	TOTAL This Period E x G =		
1	Mobilization, Demobilization and Clean-up	1.00	0.57	0.015	LS	\$43,857.41	43,857.41	24,998.72	657.86	25,656.58	
2	Excavation, Patch Work	1.00	1.00		LS	\$33,825.75	33,825.75	33,825.75	0.00	33,825.75	
3	Concrete, Foundation, Structural Work	1.00	0.90	0.10	LS	\$51,372.03	51,372.03	46,234.83	5,137.20	51,372.03	
4	Pre-Fabricated Metal Building	1.00	0.60	0.13	LS	\$196,207.05	196,207.05	117,724.23	25,506.92	143,231.15	
5	205 Watt Solar PV Panels	176.00	0.00	140.00	EA	\$490.94	86,405.44	0.00	68,731.60	68,731.60	
6	30 KW Inverter	1.00	0.00	0.73	EA	\$20,466.79	20,466.79	0.00	14,940.76	14,940.76	
7	Racking System	1.00	0.00	0.63	LS	\$25,197.97	25,197.97	0.00	15,874.72	15,874.72	
8	Data Acquisition System	1.00	0.00		LS	\$9,125.22	9,125.22	0.00	0.00	0.00	
9	Shaded Inverter Enclosure & Bollards	1.00	0.00	0.23	LS	\$10,359.97	10,359.97	0.00	2,382.79	2,382.79	
10	Interior Lighting Fixtures	30.00	0.00		EA	\$229.74	6,892.20	0.00	0.00	0.00	
11	Exterior Induction Lighting Fixtures	5.00	0.00		EA	\$1,223.48	6,117.40	0.00	0.00	0.00	
12	Exterior Wallpack Lighting Fixtures	11.00	0.00		EA	\$103.71	1,140.81	0.00	0.00	0.00	
13	Electrical Outlets & Boxes	13.00	0.00		EA	\$45.49	591.37	0.00	0.00	0.00	
14	Electrical Conduit and Wiring	1.00	0.00		LS	\$17,216.87	17,216.87	0.00	0.00	0.00	
15	Balance of System	1.00	0.00		LS	\$5,606.67	5,606.67	0.00	0.00	0.00	
16	Inverter Extended Warranty of 20 years	1.00	0.00		LS	\$ 1,437.04	1,437.04	0.00	0.00	0.00	
17		0.00	0.00				0.00	0.00	0.00	0.00	
18		0.00	0.00				0.00	0.00	0.00	0.00	
19		0.00	0.00				0.00	0.00	0.00	0.00	
20		0.00	0.00				0.00	0.00	0.00	0.00	
21		0.00	0.00				0.00	0.00	0.00	0.00	
22		0.00	0.00				0.00	0.00	0.00	0.00	
23		0.00	0.00				0.00	0.00	0.00	0.00	
24		0.00	0.00				0.00	0.00	0.00	0.00	
25		0.00	0.00				0.00	0.00	0.00	0.00	
						TOTALS		515,819.99	222,783.53	133,231.85	356,015.38
26	CHANGE ORDER #1	1.00	1.00		LS	6,820.83	6,820.83	6,820.83	0.00	6,820.83	
27	CHANGE ORDER #2	1.00	0.00	1.00	LS	2,747.49	2,747.49	0.00	2,747.49	2,747.49	
28		0.00	0.00				0.00	0.00	0.00	0.00	
29		0.00	0.00				0.00	0.00	0.00	0.00	
30		0.00	0.00				0.00	0.00	0.00	0.00	
31		0.00	0.00				0.00	0.00	0.00	0.00	
32		0.00	0.00				0.00	0.00	0.00	0.00	
33		0.00	0.00				0.00	0.00	0.00	0.00	
34		0.00	0.00				0.00	0.00	0.00	0.00	
35		0.00	0.00				0.00	0.00	0.00	0.00	
						TOTALS		525,388.31	229,604.36	135,979.34	365,583.70

**CARSON CITY**  
CLAIM FORM

Date: December 29, 2011  
Dept: Contracts  
No: 122911

Vendor Number	2664874
Name	FRANK LEPORI CONSTRUCTION, INC.
Address	1475 HYMER AVENUE
City, State & Zip	SPARKS, NV 89431

Type or Print Complete Name & Address

Account Number	Description	Amount
	Contract No. 1011-241 Payment #3	
	CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLAR PHOTOVOLTAIC SYSTEM	
505-3702-437-7774	Application and Certificate for work through December 23, 2011	105,328.16
505-0000-206-0506	RETENTION HELD (\$47,091.19)	(10,532.81)
Vendor No:		
From:		
To:		
For:	Contract Amount	\$515,819.99
For:	Plus Amendments/Change Orders	+15,721.32
For:	REVISED Contract Amount	\$531,541.31
For:	Less Previous Payments	-329,025.33
For:	Less This Payment	-94,795.35
For:	REMAINING BALANCE	\$107,720.63
	Total Amount	94,795.35

I HEREBY CERTIFY UNDER PENALTY OF PERJURY that the above claim and the items, amounts and statements as herein set out are true and correct, that no part thereof has been therefore paid, that the amount claimed is justly due.

Karen L. White  
Prepared by/claimant

Darren Schulz, Deputy Public Works Director

The above claim is approved for payment subject to the availability of funds.

GROUP # & CHECK DATE:

1881 12 1-13-12

Carson City Id No. 88-6000189

CARSON CITY CONTRACTS		CARSON CITY CONTRACTS	
APPLICATION AND CERTIFICATE FOR PAYMENT		APPLICATION AND CERTIFICATE FOR PAYMENT	
PROJECT INFORMATION		OWNER	
Contract No.:	1013-241	City of Carson City	FRANK LEPORI CONSTRUCTION, INC.
Project Title:	CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLA	Public Works - Contracts Division	1475 HYMER AVENUE
Contract Date:	7/21/2011	3505 Buff Way	SPARKS, NV 89341
Payment No.:	3	Carson City, NV 89701	FRANK M. LEPORI, PRESIDENT
Period Through:	23-Dec-11	775-887-2366 Fax 775-887-2112	775-337-2063 PHONE # 775-337-2066 PHONE # 775-887-2355 Fax 775-887-2112
1 ORIGINAL CONTRACT SUM		\$515,819.99	
2 NET CHANGES TO CONTRACT AMOUNT		\$15,721.32	
3 ADJUSTED CONTRACT SUM		\$531,541.31	
4 TOTAL COMPLETED TO DATE		\$470,911.86	
5 RETAINAGE:			
5.1 10.00% 10% of Total Completed To Date		\$47,091.19	
OR		\$0.00	
5.2 5% of Total Completed To Date		\$0.00	
6 TOTAL EARNED LESS RETAINAGE		\$423,820.68	
7 LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)		\$329,025.33	
8 CURRENT PAYMENT DUE (CERTIFIED BY PROJECT MANAGER)		\$94,795.35	
9 BALANCE TO FINISH, INCLUDING RETAINAGE		\$107,720.63	
CONTINGENCY SUMMARY		ADDITIONS	DEDUCTIONS
1 BOS approved Contingency	\$ 51,582.00	\$15,721.32	\$0.00
2 Change Orders			
3 TOTAL OF CHANGE ORDER	\$15,721.32		
4 Contingency Balance	\$ 35,860.68		
OVER/UNDER OF BID ITEMS			
Bid Items Over Run		\$0.00	
Bid Items Under Run		-\$60,629.45	
TOTAL		-\$60,629.45	
<p>The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application and Certificate for Payment has been completed in accordance with the Contract Documents; that all amounts have been paid by the Contractor for work for which previous Application and Certificate for Payment were issued and payments received from the owner; and that the current payment shown herein is now due.</p> <p>By: <i>Frank Lepori</i> Contractor: FRANK LEPORI CONSTRUCTION, INC. FRANK M. LEPORI, PRESIDENT</p> <p>State of: <i>Nevada</i> County of: <i>Washoe</i></p> <p>Subscribed and sworn to before me this <u>29th</u> day of <u>December</u>, 2011.</p> <p>Notary Public: <i>Wendee Lynn Martin</i> My Commission Expires: <u>9/1/2012</u></p> <p>Notary Stamp</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">   <b>WENDEE LYNN MARTIN</b>            Notary Public - State of Nevada            Appointment Recorded in Washoe County            No: 98-35169-2 - Expires September 1, 2012         </div> <p><b>PROJECT MANAGER CERTIFICATE FOR PAYMENT</b>            In accordance with the Contract Documents, based on on-site observations and the data comprising this application; the Project Manager certifies to the Owner that to the best of the Project Manager's knowledge, information, and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the amount certified as the current payment due.</p> <p>AMOUNT CERTIFIED (CURRENT PAYMENT DUE): <u>\$94,795.35</u>            By: <i>TOM GRUNDY</i> Date: <u>12-29-11</u>            TOM GRUNDY, PROJECT MANAGER</p> <p>This Certificate is not negotiable. The AMOUNT CERTIFIED as the current payment due is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.</p>			

CARSON CITY CONTRACTS  
APPLICATION AND CERTIFICATE FOR PAYMENT  
CONTINUATION SHEET

Contract No.: 1011-241  
Project Title: CARSON CITY CORPORATE YARD

A	B	C	D	E	F	G	H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK (from Bid Document)	QUANTITIES			UNIT (from) (bid doc)	UNIT PRICE (from) (bid doc)	EXTENDED COSTS				
		Scheduled Value (from) (bid doc)	From Previous Application	Work Placed This Period			Scheduled Value C x G =	From Previous Application D x G =	TOTAL This Period E x G =	TOTAL TO DATE J + K =	
1	Mobilization, Demobilization and Clean-up	1.00	0.585	0.190	LS	\$43,857.41	43,857.41	25,656.58	8,332.91	33,989.49	
2	Excavation, Patch Work	1.00	1.00		LS	\$33,825.75	33,825.75	33,825.75	0.00	33,825.75	
3	Concrete, Foundation, Structural Work	1.00	1.00		LS	\$51,372.03	51,372.03	51,372.03	0.00	51,372.03	
4	Pre-Fabricated Metal Building	1.00	0.73	0.15	LS	\$196,207.05	196,207.05	143,231.15	29,431.06	172,662.20	
5	205 Watt Solar PV Panels	176.00	140.00	28.00	EA	\$490.94	86,405.44	68,731.60	13,746.32	82,477.92	
6	30 KW Inverter	1.00	0.73	0.23	EA	\$20,466.79	20,466.79	14,940.76	4,707.36	19,648.12	
7	Racking System	1.00	0.63	0.32	LS	\$25,197.97	25,197.97	15,874.72	8,063.35	23,938.07	
8	Data Acquisition System	1.00	0.00		LS	\$9,125.22	9,125.22	0.00	0.00	0.00	
9	Shaded Inverter Enclosure & Bollards	1.00	0.23		LS	\$10,359.97	10,359.97	2,382.79	0.00	2,382.79	
10	Interior Lighting Fixtures	30.00	0.00	29.00	EA	\$229.74	6,892.20	0.00	6,662.46	6,662.46	
11	Exterior Induction Lighting Fixtures	5.00	0.00	4.00	EA	\$1,223.48	6,117.40	0.00	4,893.92	4,893.92	
12	Exterior Wallpack Lighting Fixtures	11.00	0.00	11.00	EA	\$103.71	1,140.81	0.00	1,140.81	1,140.81	
13	Electrical Outlets & Boxes	13.00	0.00	13.00	EA	\$45.49	591.37	0.00	591.37	591.37	
14	Electrical Conduit and Wiring	1.00	0.00	0.95	LS	\$17,216.87	17,216.87	0.00	16,356.03	16,356.03	
15	Balance of System	1.00	0.00	0.68	LS	\$5,606.67	5,606.67	0.00	3,812.54	3,812.54	
16	Inverter Extended Warranty of 20 years	1.00	0.00	1.00	LS	\$ 1,437.04	1,437.04	0.00	1,437.04	1,437.04	
17		0.00	0.00				0.00	0.00	0.00	0.00	
18		0.00	0.00				0.00	0.00	0.00	0.00	
19		0.00	0.00				0.00	0.00	0.00	0.00	
20		0.00	0.00				0.00	0.00	0.00	0.00	
21		0.00	0.00				0.00	0.00	0.00	0.00	
22		0.00	0.00				0.00	0.00	0.00	0.00	
23		0.00	0.00				0.00	0.00	0.00	0.00	
24		0.00	0.00				0.00	0.00	0.00	0.00	
25		0.00	0.00				0.00	0.00	0.00	0.00	
						TOTALS		515,819.99	356,015.38	99,175.16	455,190.54
26	CHANGE ORDER #1	1.00	1.00		LS	6,820.83	6,820.83	6,820.83	0.00	6,820.83	
27	CHANGE ORDER #2	1.00	1.00		LS	2,747.49	2,747.49	2,747.49	0.00	2,747.49	
28	CHANGE ORDER #3	1.00	0.00	1.00	LS	6,153.00	6,153.00	0.00	6,153.00	6,153.00	
29		0.00	0.00				0.00	0.00	0.00	0.00	
30		0.00	0.00				0.00	0.00	0.00	0.00	
31		0.00	0.00				0.00	0.00	0.00	0.00	
32		0.00	0.00				0.00	0.00	0.00	0.00	
33		0.00	0.00				0.00	0.00	0.00	0.00	
34		0.00	0.00				0.00	0.00	0.00	0.00	
35		0.00	0.00				0.00	0.00	0.00	0.00	
						TOTALS		531,541.31	365,583.70	105,328.16	470,911.86

**CARSON CITY**  
CLAIM FORM

Date: March 2, 2012  
Dept: Contracts  
No: 030212

Vendor Number	2664874
Name	FRANK LEPORI CONSTRUCTION, INC.
Address	1475 HYMER AVENUE
City, State & Zip	SPARKS, NV 89431

Type or Print Complete Name & Address

Account Number	Description	Amount
	Contract No. 1011-241 Payment #4	
	CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLAR PHOTOVOLTAIC SYSTEM	
505-3702-437-7774	Application and Certificate for work through February 28, 2012	60,629.45
505-0000-206-0506	RETENTION HELD (\$53,154.13)	(6,062.95)
	Contract Amount	\$515,819.99
	Plus Amendments/Change Orders	+15,721.32
	REVISED Contract Amount	\$531,541.31
	Less Previous Payments	-423,820.68
	Less This Payment	-54,566.50
	REMAINING BALANCE	\$54,154.13
	Total Amount	54,566.50

I HEREBY CERTIFY UNDER PENALTY OF PERJURY that the above claim and the items, amounts and statements as herein set out are true and correct, that no part thereof has been therefore paid, that the amount claimed is justly due.

The above claim is approved for payment subject to the availability of funds.

GROUP # & CHECK DATE:

2561 3-16-12

Karen L. White  
Prepared by/claimant  
  
Darren Schulz 3/7/12  
Darren Schulz, Deputy Public Works Director

Carson City Id No. 88-6000189

**CARSON CITY CONTRACTS  
APPLICATION AND CERTIFICATE FOR PAYMENT**

**PROJECT INFORMATION**

Contract No.: 1011-241  
Project Title: CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLA  
Contract Date: 7/21/2011  
Payment No.: 4  
Period Through: 28-Feb-12

**OWNER:**  
City of Carson City  
Public Works - Contracts Division  
3505 Buff Way  
Carson City, NV 89701  
775-887-2355 Fax 775-887-2112

**CONTRACTOR:**  
FRANK LEPORI CONSTRUCTION, INC.  
1475 HYMER AVENUE  
SPARKS, NV 89341  
FRANK M. LEPORI, PRESIDENT  
775-337-2052 PHONE # 775-337-2066 PHONE #

**PROJECT MANAGER:**  
TOM GRUNDY, PROJECT MANAGER  
3505 Buff Way  
Carson City, NV 89701  
775-887-2355 Fax 775-887-2112

1 ORIGINAL CONTRACT SUM \$515,819.99

2 NET CHANGES TO CONTRACT AMOUNT \$15,721.32

3 ADJUSTED CONTRACT SUM \$531,541.31

4 TOTAL COMPLETED TO DATE \$531,541.31

5 RETAINAGE:  
5.1 10.00% 10% of Total Completed To Date \$53,154.13  
OR  
5.2 5% of Total Completed To Date \$0.00

6 TOTAL EARNED LESS RETAINAGE \$478,387.18

7 LESS PREVIOUS CERTIFICATES FOR PAYMENT  
(Line 6 from prior Certificate) \$423,820.68

8 CURRENT PAYMENT DUE (CERTIFIED BY PROJECT MANAGER) \$54,566.50

9 BALANCE TO FINISH, INCLUDING RETAINAGE \$53,154.13

**CONTINGENCY SUMMARY** ADDITIONS DEDUCTIONS

1 BOS approved Contingency \$ 51,582.00  
2 Change Orders \$15,721.32  
3 TOTAL OF CHANGE ORDER \$0.00

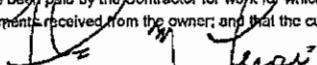
4 Contingency Balance \$ 35,860.68

**OVER/UNDER OF BID ITEMS**

Bid Items Over Run \$0.00  
Bid Items Under Run \$0.00

**TOTAL** \$0.00

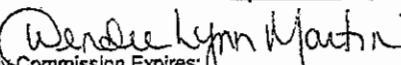
The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application and Certificate for Payment has been completed in accordance with the Contract Documents; that all amounts have been paid by the Contractor for work for which previous Application and Certificate for Payment were issued and payment received from the owner; and that the current payment shown herein is now due.

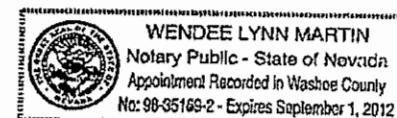
By:   
Contractor: FRANK LEPORI CONSTRUCTION, INC.  
FRANK M. LEPORI, PRESIDENT

State of:

County of:

Subscribed and sworn to before me this 1nd day of March, 2012.

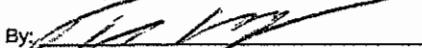
Notary Public:   
My Commission Expires: Sept 1, 2012



**PROJECT MANAGER CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on on-site observations and the data comprising this application; the Project Manager certifies to the Owner that to the best of the Project Manager's knowledge, information, and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the amount certified as the current payment due.

AMOUNT CERTIFIED (CURRENT PAYMENT DUE): \$54,566.50

By:   
TOM GRUNDY, PROJECT MANAGER

Date: 3-2-12

This Certificate is not negotiable. The AMOUNT CERTIFIED as the current payment due is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CARSON CITY CONTRACTS  
APPLICATION AND CERTIFICATE FOR PAYMENT  
CONTINUATION SHEET

Contract No.: 1011-241  
Project Title: CARSON CITY CORPORATE YARD

A ITEM NO.	B DESCRIPTION OF WORK (from Bid Document)	QUANTITIES			UNIT (from) (bid doc)	UNIT PRICE (from) (bid doc)	EXTENDED COSTS			K TOTAL TO DATE J + K =	
		Scheduled Value (from) (bid doc)	From Previous Application	Work Placed This Period			Scheduled Value C x G =	From Previous Application D x G =	TOTAL This Period E x G =		
1	Mobilization, Demobilization and Clean-up	1.00	0.775	0.225	LS	\$43,857.41	43,857.41	33,989.49	9,867.92	43,857.41	
2	Excavation, Patch Work	1.00	1.00		LS	\$33,825.75	33,825.75	33,825.75	0.00	33,825.75	
3	Concrete, Foundation, Structural Work	1.00	1.00		LS	\$51,372.03	51,372.03	51,372.03	0.00	51,372.03	
4	Pre-Fabricated Metal Building	1.00	0.88	0.12	LS	\$196,207.05	196,207.05	172,662.20	23,544.85	196,207.05	
5	205 Watt Solar PV Panels	176.00	168.00	8.00	EA	\$490.94	86,405.44	82,477.92	3,927.52	86,405.44	
6	30 KW Inverter	1.00	0.96	0.04	EA	\$20,466.79	20,466.79	19,648.12	818.67	20,466.79	
7	Racking System	1.00	0.95	0.05	LS	\$25,197.97	25,197.97	23,938.07	1,259.90	25,197.97	
8	Data Acquisition System	1.00	0.00	1.00	LS	\$9,125.22	9,125.22	0.00	9,125.22	9,125.22	
9	Shaded Inverter Enclosure & Bollards	1.00	0.23	0.77	LS	\$10,359.97	10,359.97	2,382.79	7,977.18	10,359.97	
10	Interior Lighting Fixtures	30.00	29.00	1.00	EA	\$229.74	6,892.20	6,662.46	229.74	6,892.20	
11	Exterior Induction Lighting Fixtures	5.00	4.00	1.00	EA	\$1,223.48	6,117.40	4,893.92	1,223.48	6,117.40	
12	Exterior Wallpack Lighting Fixtures	11.00	11.00		EA	\$103.71	1,140.81	1,140.81	0.00	1,140.81	
13	Electrical Outlets & Boxes	13.00	13.00		EA	\$45.49	591.37	591.37	0.00	591.37	
14	Electrical Conduit and Wiring	1.00	0.95	0.05	LS	\$17,216.87	17,216.87	16,356.03	860.84	17,216.87	
15	Balance of System	1.00	0.68	0.32	LS	\$5,606.67	5,606.67	3,812.54	1,794.13	5,606.67	
16	Inverter Extended Waranty of 20 years	1.00	1.00		LS	\$ 1,437.04	1,437.04	1,437.04	0.00	1,437.04	
17		0.00	0.00				0.00	0.00	0.00	0.00	
18		0.00	0.00				0.00	0.00	0.00	0.00	
19		0.00	0.00				0.00	0.00	0.00	0.00	
20		0.00	0.00				0.00	0.00	0.00	0.00	
21		0.00	0.00				0.00	0.00	0.00	0.00	
22		0.00	0.00				0.00	0.00	0.00	0.00	
23		0.00	0.00				0.00	0.00	0.00	0.00	
24		0.00	0.00				0.00	0.00	0.00	0.00	
25		0.00	0.00				0.00	0.00	0.00	0.00	
						TOTALS		515,819.99	455,190.54	60,629.45	515,819.99
26	CHANGE ORDER #1	1.00	1.00		LS	6,820.83	6,820.83	6,820.83	0.00	6,820.83	
27	CHANGE ORDER #2	1.00	1.00		LS	2,747.49	2,747.49	2,747.49	0.00	2,747.49	
28	CHANGE ORDER #3	1.00	1.00		LS	6,153.00	6,153.00	6,153.00	0.00	6,153.00	
29		0.00	0.00				0.00	0.00	0.00	0.00	
30		0.00	0.00				0.00	0.00	0.00	0.00	
31		0.00	0.00				0.00	0.00	0.00	0.00	
32		0.00	0.00				0.00	0.00	0.00	0.00	
33		0.00	0.00				0.00	0.00	0.00	0.00	
34		0.00	0.00				0.00	0.00	0.00	0.00	
35		0.00	0.00				0.00	0.00	0.00	0.00	
						TOTALS		531,541.31	470,911.86	60,629.45	531,541.31

**CARSON CITY**  
CLAIM FORM

Date: March 29, 2012  
Dept: Contracts  
No: 032912

Vendor Number	2664874
Name	FRANK LEPORI CONSTRUCTION, INC.
Address	1475 HYMER AVENUE
City, State & Zip	SPARKS, NV 89431

Type or Print Complete Name & Address

Account Number	Description	Amount
	Contract No. 1011-241 Release of Retention	
	CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLAR PHOTOVOLTAIC SYSTEM	
505-3702-437-7774	Application and Certificate for work through May 3, 2012	
505-0000-206-0506	RETENTION HELD (\$0.00)	53,154.13
	Contract Amount	\$515,819.99
	Plus Amendments/Change Orders	+15,721.32
	REVISED Contract Amount	\$531,541.31
	Less Previous Payments	-478,387.18
	Less This Payment	-53,154.13
	REMAINING BALANCE	\$0.00
	Total Amount	53,154.13

I HEREBY CERTIFY UNDER PENALTY OF PERJURY that the above claim and the items, amounts and statements as herein set out are true and correct, that no part thereof has been therefore paid, that the amount claimed is justly due.

Karen L. White  
Prepared by/claimant

Darren Schulz, Deputy Public Works Director

The above claim is approved for payment subject to the availability of funds.

GROUP # & CHECK DATE:

Carson City Id No. 88-6000189

**CARSON CITY CONTRACTS  
APPLICATION AND CERTIFICATE FOR PAYMENT**

**PROJECT INFORMATION**

Contract No.: 1011-241  
Project Title: CARSON CITY CORPORATE YARD SALT/CINDER BUILDING AND SOLAR  
Contract Date: 7/21/2011  
Payment No.: 5  
Period Through: May 3, 2012 BOS 04/26/12

**OWNER:**  
City of Carson City  
Public Works - Contracts Division  
3505 Butti Way  
Carson City, NV 89701  
775-887-2355 Fax 775-887-2112

**CONTRACTOR:**  
FRANK LEPORI CONSTRUCTION, INC.  
1475 HYMER AVENUE  
SPARKS, NV 89341  
FRANK M. LEPORI, PRESIDENT  
775-337-2063 PHONE # 775-337-2066 PHONE #

**PROJECT MANAGER:**  
TOM GRUNDY, PROJECT MANAGER  
3505 Butti Way  
Carson City, NV 89701  
775-887-2355 Fax 775-887-2112

**1 ORIGINAL CONTRACT SUM** \$515,819.99

**2 NET CHANGES TO CONTRACT AMOUNT** \$15,721.32

**3 ADJUSTED CONTRACT SUM** \$531,541.31

**4 TOTAL COMPLETED TO DATE** \$531,541.31

**5 RETAINAGE:**  
5.1        10% of Total Completed To Date \$0.00  
OR  
5.2        5% of Total Completed To Date \$0.00

**6 TOTAL EARNED LESS RETAINAGE** \$531,541.31

**7 LESS PREVIOUS CERTIFICATES FOR PAYMENT** (\$Line 6 from prior Certificate) \$478,387.18

**8 CURRENT PAYMENT DUE (CERTIFIED BY PROJECT MANAGER)** \$53,154.13

**9 BALANCE TO FINISH, INCLUDING RETAINAGE** \$0.00

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application and Certificate for Payment has been completed in accordance with the Contract Documents; that all amounts have been paid by the Contractor for work for which previous Application and Certificate for Payment were issued and payments received from the owner; and that the current payment shown herein is now due.

By: \_\_\_\_\_

Contractor: FRANK LEPORI CONSTRUCTION, INC.  
FRANK M. LEPORI, PRESIDENT

State of:

County of:

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

Notary Public:

My Commission Expires:

Notary Stamp

**PROJECT MANAGER CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on on-site observations and the data comprising this application; the Project Manager certifies to the Owner that to the best of the Project Manager's knowledge, information, and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the amount certified as the current payment due.

CONTINGENCY SUMMARY		ADDITIONS	DEDUCTIONS
1 BOS approved Contingency	\$	51,582.00	
2 Change Orders		\$15,721.32	\$0.00
3 TOTAL OF CHANGE ORDER		\$15,721.32	
4 Contingency Balance	\$	35,860.68	
OVER/UNDER OF BID ITEMS			
Bid Items Over Run		\$0.00	
Bid Items Under Run		\$0.00	
TOTAL		\$0.00	

**AMOUNT CERTIFIED (CURRENT PAYMENT DUE):** \$53,154.13

By: \_\_\_\_\_ Date: \_\_\_\_\_  
TOM GRUNDY, PROJECT MANAGER

This Certificate is not negotiable. The AMOUNT CERTIFIED as the current payment due is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CARSON CITY CONTRACTS  
APPLICATION AND CERTIFICATE FOR PAYMENT  
CONTINUATION SHEET

Contract No.: 1011-241  
Project Title: CARSON CITY CORPORATE YARD

FOR INTERNAL  
PURPOSE ONLY

A	B	C	D	E	F	G	H	I	J	K	L	M
		Scheduled Value (from bid doc)	From Previous Application	Work Placed This Period	UNIT (from bid doc)	UNIT PRICE (from bid doc)	Scheduled Value C x G =	From Previous Application D x G =	TOTAL This Period E x G =	TOTAL TO DATE J + K =	Over Under On Bid Items	Over Under \$ Amount G x H =
ITEM NO.	DESCRIPTION OF WORK (from Bid Document)	QUANTITIES				EXTENDED COSTS						
1	Mobilization, Demobilization and Clean-up	1.00	1.000		LS	\$43,857.41	43,857.41	43,857.41	0.00	43,857.41	0.00	0.00
2	Excavation, Patch Work	1.00	1.00		LS	\$33,825.75	33,825.75	33,825.75	0.00	33,825.75	0.00	0.00
3	Concrete, Foundation, Structural Work	1.00	1.00		LS	\$51,372.03	51,372.03	51,372.03	0.00	51,372.03	0.00	0.00
4	Pre-Fabricated Metal Building	1.00	1.00		LS	\$196,207.05	196,207.05	196,207.05	0.00	196,207.05	0.00	0.00
5	205 Watt Solar PV Panels	176.00	176.00		EA	\$490.94	86,405.44	86,405.44	0.00	86,405.44	0.00	0.00
6	30 KW Inverter	1.00	1.00		EA	\$20,466.79	20,466.79	20,466.79	0.00	20,466.79	0.00	0.00
7	Racking System	1.00	1.00		LS	\$25,197.97	25,197.97	25,197.97	0.00	25,197.97	0.00	0.00
8	Data Acquisition System	1.00	1.00		LS	\$9,125.22	9,125.22	9,125.22	0.00	9,125.22	0.00	0.00
9	Shaded Inverter Enclosure & Bollards	1.00	1.00		LS	\$10,359.97	10,359.97	10,359.97	0.00	10,359.97	0.00	0.00
10	Interior Lighting Fixtures	30.00	30.00		EA	\$229.74	6,892.20	6,892.20	0.00	6,892.20	0.00	0.00
11	Exterior Induction Lighting Fixtures	5.00	5.00		EA	\$1,223.48	6,117.40	6,117.40	0.00	6,117.40	0.00	0.00
12	Exterior Wallpack Lighting Fixtures	11.00	11.00		EA	\$103.71	1,140.81	1,140.81	0.00	1,140.81	0.00	0.00
13	Electrical Outlets & Boxes	13.00	13.00		EA	\$45.49	591.37	591.37	0.00	591.37	0.00	0.00
14	Electrical Conduit and Wiring	1.00	1.00		LS	\$17,216.87	17,216.87	17,216.87	0.00	17,216.87	0.00	0.00
15	Balance of System	1.00	1.00		LS	\$5,606.67	5,606.67	5,606.67	0.00	5,606.67	0.00	0.00
16	Inverter Extended Waranty of 20 years	1.00	1.00		LS	\$ 1,437.04	1,437.04	1,437.04	0.00	1,437.04	0.00	0.00
17		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
18		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
19		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
20		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
21		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
22		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
23		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
24		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
25		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
						TOTALS		515,819.99	515,819.99	0.00	515,819.99	0.00
26	CHANGE ORDER #1	1.00	1.00		LS	6,820.83	6,820.83	6,820.83	0.00	6,820.83		
27	CHANGE ORDER #2	1.00	1.00		LS	2,747.49	2,747.49	2,747.49	0.00	2,747.49		
28	CHANGE ORDER #3	1.00	1.00		LS	6,153.00	6,153.00	6,153.00	0.00	6,153.00		
29		0.00	0.00				0.00	0.00	0.00	0.00		
30		0.00	0.00				0.00	0.00	0.00	0.00		
31		0.00	0.00				0.00	0.00	0.00	0.00		
32		0.00	0.00				0.00	0.00	0.00	0.00		
33		0.00	0.00				0.00	0.00	0.00	0.00		
34		0.00	0.00				0.00	0.00	0.00	0.00		
35		0.00	0.00				0.00	0.00	0.00	0.00		
						TOTALS		531,541.31	531,541.31	0.00	531,541.31	0.00