

**Subject:** All Valley Sheet Metal Inc Addendum to LIGO Reroof Project  
**From:** Rudy Arvizu <rarvizu@ligo.caltech.edu>  
**Date:** 5/24/2013 11:22 AM  
**To:** Greg Hayter <greg@alvalsm.net>  
**CC:** John Worden <worden\_j@ligo-wa.caltech.edu>  
**BCC:** Gil Hibbs <gil@hibbs-engineering.com>

Greg Hayter,

Thank you for attending the yesterdays jobwalk.

Attached is the addendum to the Invitation to Bid.

Please do not hesitate to contact John Worden or I if you have additional questions.

--  
Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

—Attachments:—

---

LIGO Reroof Project Addendum 1 dated 5-23-13.pdf

16.8 KB

JOB WALK ATTENDEE

**Subject:** MG Wagner Co Addendum to LIGO Reroof Project

**From:** Rudy Arvizu <rarvizu@ligo.caltech.edu>

**Date:** 5/24/2013 10:50 AM

**To:** Ric Fernandez <ric@mgwagnerroofing.com>

**CC:** John Worden <worden\_j@ligo-wa.caltech.edu>

**BCC:** Gil Hibbs <gil@hibbs-engineering.com>, Ed Jasnow <jasnow@ligo.caltech.edu>, Gina Salone <gsalone@ligo.caltech.edu>, Claude Poux <cpoux@ligo.caltech.edu>

Ric Fernandez, Lead Estimator

Thank you for attending the yesterdays jobwalk.

Attached is the addendum to the Invitation to Bid.

Please do not hesitate to contact John Worden or I if you have additional questions.

--

Sincerely,

Rudy Arvizu

Senior Contracting Officer

(626) 395-4834 Phone

(626) 304-9834 Fax

[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

—Attachments:—

---

LIGO Reroof Project Addendum 1 dated 5-23-13.pdf

16.8 KB

JO BWALIK ATTENDEE

**Subject:** Roof Toppers, Addendum to LIGO Reroof Project

**From:** Rudy Arvizu <rarvizu@ligo.caltech.edu>

**Date:** 5/24/2013 10:42 AM

**To:** Karl Schlecht <karls@roftoppers.com>

**CC:** John Worden <worden\_j@ligo-wa.caltech.edu>

**BCC:** Gil Hibbs <gil@hibbs-engineering.com>, Ed Jasnow <jasnow@ligo.caltech.edu>, Gina Salone <gsalone@ligo.caltech.edu>, Claude Poux <cpoux@ligo.caltech.edu>

Karl Schlecht,

Thank you for attending the yesterdays jobwalk.

Attached is the addendum to the Invitation to Bid.

Please do not hesitate to contact John Worden or I if you have additional questions.

--

Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

—Attachments:—

---

LIGO Reroof Project Addendum 1 dated 5-23-13.pdf

16.8 KB

*JOBWALK ATTENDANCE*

**Subject:** Scholten Roofing Inc Addendum to LIGO Reroof Project  
**From:** Rudy Arvizu <rarvizu@ligo.caltech.edu>  
**Date:** 5/24/2013 11:26 AM  
**To:** Barry Berendsen <tarbarry@aol.com>  
**CC:** John Worden <worden\_j@ligo-wa.caltech.edu>  
**BCC:** Gil Hibbs <gil@hibbs-engineering.com>

Barry Berendsen, Vice President

Thank you for attending the yesterdays jobwalk.

Attached is the addendum to the Invitation to Bid.

Please do not hesitate to contact John Worden or I if you have additional questions.

--  
Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

—Attachments:—

---

LIGO Reroof Project Addendum 1 dated 5-23-13.pdf

16.8 KB

JOB WALK ATTENDEE

**Subject:** Cobra Building, Addendum to LIGO Re-Roofing Project  
**From:** Rudy Arvizu <rarvizu@ligo.caltech.edu>  
**Date:** 5/24/2013 11:58 AM  
**To:** Mat Galvano <mattg@cobreresults.com>  
**CC:** John Worden <worden\_j@ligo-wa.caltech.edu>  
**BCC:** Gil Hibbs <gil@hibbs-engineering.com>

Mat Galvano,

There is another jobwalk opportunity for the LIGO Re-roof Project.

Attached is the addendum to the Invitation to Bid.

Please do not hesitate to contact John Worden or I if you have additional questions.

Sincerely,  
Rudy A

On 5/22/2013 11:23 AM, Rudy Arvizu wrote:

Mat Galvano,  
Thank you for participating in the LIGO Re-Roofing Project.

This job walk does **not** required pre-bid information.

Check-in is in the Visitor Lobby, which is the first building upon entering the Observatory grounds.

The address is:  
LIGO Hanford Observatory  
127124 North Route 10  
Richland, Washington 99352

The general information phone is (509) 372-8106

We intend to take your email information during the job walk in anticipation of addenda to the ITB.

In order to improve the distribution of information, do you recall the advertised source of our solicitation:

Seattle Daily Journal of Commerce;  
Tri-Cities Construction Council;  
Spokane Regional Planning Center;  
or the Yakima Planning Center

On 5/22/2013 8:29 AM, Matt Galvano wrote:

Mr. Arvizu,

Cobra would like to attend the pre-bid meeting for this Project. Do we need we need to submit any information to you in advance of the pre-bid meeting tomorrow for visitor passes, etc? Can you please confirm where specifically we are to meet at 10:00 AM tomorrow – I did not see the specific location in the ITB (main entrance, lobby Operation Support Building?).

Also, if applicable can we be registered with you as a bidding contractor in the event you intend on distributing additional bid notices/instruction, addenda, etc. electronically for this RFP - Please see below for my contact information if needed.

Thank you

Matt Galvano, LEED AP  
Project Manager



*CORBR DID NOT ATTEND THE 1<sup>ST</sup> JOB WALK*

C 509-995-6661 O 509-455-4043 F 509-455-4594

[CobraResults.com](http://CobraResults.com) | [mattg@cobraresults.com](mailto:mattg@cobraresults.com)

--

Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

Attachments:

---

L1300125-v1 LIGO Reroof Project Addendum 1 dated 5-23-13.pdf

16.8 KB

**Subject:** Fwd: RE: Project Inquiry, Addendum to LIGO Reroof Project, Spokane Regional Plan Center  
**From:** Rudy Arvizu <rarvizu@ligo.caltech.edu>  
**Date:** 5/24/2013 11:17 AM  
**To:** John Worden <worden\_j@ligo-wa.caltech.edu>  
**CC:** Gil Hibbs <gil@hibbs-engineering.com>

FYI

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

**Subject:** RE: Project Inquiry, Addendum to LIGO Reroof Project, Spokane Regional Plan Center  
**Date:** Fri, 24 May 2013 11:01:55 -0700  
**From:** Project Information <ProjectInfo@plancenter.net>  
**To:** 'Rudy Arvizu' <rarvizu@ligo.caltech.edu>

Awesome J Thank you very much – this will all be up shortly!

*Jenny Martin, Construction Reporter  
Spokane Regional Plan Center  
209 N Havana St, Spokane WA 99202  
PO Box 2968, Spokane WA 99220  
P 509.328.9600 F 509.328.7279*

**plancenter.net**

*The Spokane Regional Plan Center is a vital resource for bringing Project Owners and Design firms in contact with more than 900 General Contractors, Subcontractors, and Suppliers throughout the Northwest.*

---

**From:** Rudy Arvizu [mailto:rarvizu@ligo.caltech.edu]  
**Sent:** Friday, May 24, 2013 10:56 AM  
**To:** Project Information  
**Subject:** Re: Project Inquiry, Addendum to LIGO Reroof Project, Spokane Regional Plan Center

Jenny,  
Thanks for checking.

Page 2 of the ITB contains the links to the drawing and specifications.  
Sincerely,  
Rudy A

On 5/24/2013 10:52 AM, Project Information wrote:

Thank you, Rudy.

I do not have a record of ever having received the ITB, unfortunately. I've double checked my junk folder, as well as my sent folder, as I would have replied to you acknowledging receipt. I do see that the Tri-City Construction Council posted it around that time, so you do have good coverage, and it will get better when we post it momentarily.

Are there any drawings that go with the ITB document?

*Jenny Martin, Construction Reporter  
Spokane Regional Plan Center  
209 N Havana St, Spokane WA 99202  
PO Box 2968, Spokane WA 99220  
P 509.328.9600 F 509.328.7279*

**plancenter.net**

*The Spokane Regional Plan Center is a vital resource for bringing Project Owners and Design firms in contact with more than 900 General Contractors, Subcontractors, and Suppliers throughout the Northwest.*

---

**From:** Rudy Arvizu [mailto:rarvizu@ligo.caltech.edu]  
**Sent:** Friday, May 24, 2013 10:42 AM  
**To:** Project Information  
**Cc:** 'John Worden'  
**Subject:** Re: Project Inquiry, Addendum to LIGO Reroof Project, Spokane Regional Plan Center  
**Importance:** High

Jenny Martin,

We were under the impression the Invitation to Bid was posted on 5/14/13.

We would like to insure maximum participation.

The Addendum does contains the link to the Invitation to Bid and I have attached a copy of the document.

Thank you for your assistance.

Sincerely,  
Rudy A

On 5/24/2013 10:22 AM, Project Information wrote:

Thank you very much. However, I believe we may have missed out on the initial broadcast for this project, as I don't have the bid documents.

Would you kindly forward them as soon as possible so I can post them for our members?

Thank you J

*Jenny Martin, Construction Reporter  
Spokane Regional Plan Center  
209 N Havana St, Spokane WA 99202  
PO Box 2968, Spokane WA 99220  
P 509.328.9600 F 509.328.7279*

**plancenter.net**

*The Spokane Regional Plan Center is a vital resource for bringing Project Owners and Design firms in contact with more than 900 General Contractors, Subcontractors, and Suppliers throughout the Northwest.*

---

**From:** Rudy Arvizu [<mailto:rarvizu@ligo.caltech.edu>]  
**Sent:** Friday, May 24, 2013 9:23 AM  
**To:** [projectinfo@plancenter.net](mailto:projectinfo@plancenter.net)  
**Cc:** John Worden  
**Subject:** Project Inquiry, Addendum to LIGO Reroof Project, Spokane Regional Plan Center  
**Importance:** High

Robyn Stevens,  
Thank you for the information on how to forward this Addendum to our Invitation to Bid.

Please post the attached Addendum to the LIGO Reroof Project.

--  
Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)





**plancenter.net**  
The Spokane Regional Plan Center  
Serving The Construction Industry Since 1945

Friday, May 24, 2013

My Desktop My Projects **Private Projects** Search Projects

About the Plan Center Buyer's Guide Industry Links Member Directory A & E Directory



[Membership](#)
[History](#)
[Contact Us](#)
[Gallery](#)
[Scholarship](#)
[Grab Feed](#)
[Golf Info](#)
[Member Login](#)

For Membership Information Click [HERE](#) **Membership Termination Requires Written Notification**

## Spokane Regional Plan Center

209 N Havana  
PO Box 2968  
Spokane, Washington 99220

Phone: (509) 328-9600  
FAX: (509) 328-7279

[Click Here to View Map](#)

**General Email**  
[Click Here to Send Email](#)

**Order Plans (Reprographics Dept)**  
[Click Here to Order Plans](#)

**Project Information**  
[Click Here to Send Project Information](#)

**Membership Information**  
[Click Here to Request Membership Information](#)

**Board of Directors**  
[Click Here to Send Email](#)

## Contact Information

### Staff

**Executive Director**  
Rita Heldenbrand  
[Email Rita](#)

**Administrative Assistant**

**Construction Reporter**  
Jenny Martin  
[Email Jenny](#)

**Industry Relations**  
Doug Pennell  
[Email Doug](#)

**Reprographics**  
Linda Sheppard  
[Email Linda](#)

**Systems & Operations Manager**  
Darrel "Gunner" Webb  
[Email Gunner](#)

**Data Entry Support**  
Robyn Stevens  
Debbie Holt

### Board Members

#### Officers

**E-Mail the Board**  
[Click Here to Send Email](#)

**Chairman:**  
Perry Miller

**Vice Chairman:**  
Bob Starkey

**Treasurer:**  
Paul Zasada

**Secretary:**  
Ian Anderson

**Past Chairman:**  
Cathy Sander

#### Directors

Harry Cashman  
Tim Thomas  
Todd Gropp  
Mark Maxwell  
Russ Wolfe

Spokane Regional Plan Center  
Carrie Pennell

**Board Legal Counsel**  
Taudd A Hume

 Spokane Regional Plan Center - 209 N Havana - Spokane WA 99202 - ph(509) 328-9600 - fx(509) 328-7279

**Subject:** RE: Addendum to LIGO Project, Tri-City Construction Counsel  
**From:** Shannon <shannon@tcplancenter.com>  
**Date:** 5/24/2013 8:52 AM  
**To:** Rudy Arvizu <rarvizu@ligo.caltech.edu>

Thank You  
Shannon

---

**From:** Rudy Arvizu [mailto:rarvizu@ligo.caltech.edu]  
**Sent:** Friday, May 24, 2013 8:41 AM  
**To:** Shannon  
**Cc:** John Worden  
**Subject:** Addendum to LIGO Project, Tri-City Construction Counsel

Shannon,

Please post the attached Addendum to the LIGO Reroof Project for your members.

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

**Subject:** RE: LIGO Project  
**Date:** Mon, 13 May 2013 16:01:12 -0700  
**From:** Shannon <shannon@tcplancenter.com>  
**To:** Rudy Arvizu <rarvizu@ligo.caltech.edu>

Very welcome – have a great day..

---

**From:** Rudy Arvizu [mailto:rarvizu@ligo.caltech.edu]  
**Sent:** Monday, May 13, 2013 3:58 PM  
**To:** Shannon  
**Cc:** John Worden; Ed Jasnow; Gil Hibbs  
**Subject:** Re: LIGO Project

Shannon Merriman,  
Thank you.

On 5/13/2013 3:49 PM, Shannon wrote:

Hi Rudy

The LIGO project is up and viewable for our members.

Thank You

Shannon Merriman  
Administrative Assistant  
Tri-City Construction Council  
20 E. Kennewick Ave.  
Kennewick, WA 99336  
(509)582-7424  
(509)582-6815 - fax  
[shannon@tcplancenter.com](mailto:shannon@tcplancenter.com) - PLEASE NOTE MY NEW EMAIL

--  
Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

**Subject:** Re: Addenda to LIGO Roofing Project, Seattle Daily Journal of Commerce

**From:** John Worden <worden\_j@ligo-wa.caltech.edu>

**Date:** 5/24/2013 9:06 AM

**To:** Rudy Arvizu <rarvizu@ligo.caltech.edu>

Thanks Rudy.

john

On 5/24/13 8:53 AM, Rudy Arvizu wrote:

John,  
Unfortunately, the Addendum will not be advertised until Tuesday, 5/28/13.  
Sincerely,  
Rudy A

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

**Subject:**Re: Addenda to LIGO Roofing Project

**Date:**Fri, 24 May 2013 08:09:24 -0700

**From:**Rudy Arvizu <rarvizu@ligo.caltech.edu>

**To:**legals <legals@djc.com>

Thank you

On 5/23/2013 5:22 PM, legals wrote:

Your ad will run 5/28

Thank you for advertising with us.

Jeff Mosely  
Manager-Public Notice Dept.  
Seattle Daily Journal of Commerce



Seattle DJC [advertising agreement](#).

---

**From:** Rudy Arvizu [<mailto:rarvizu@ligo.caltech.edu>]

**Sent:** Thursday, May 23, 2013 4:27 PM

**To:** legals

**Cc:** John Worden

**Subject:** Addenda to LIGO Roofing Project

**Importance:** High

Melissa,  
Please issue the attached Addenda to our Invitation to Bid.  
Sincerely,  
Rudy A

On 5/13/2013 1:17 PM, legals wrote:

Hello

Thanks for the response and information. We will publish your ad tomorrow, which is our next available issue. We will then send the invoice and affidavit to the address provided.

Thank you for advertising with us.

Melissa Dowd  
Seattle Daily Journal of Commerce  
Public Notice Dept.

(T) 206-622-8272 (F) 206-622-8416

Seattle DJC [advertising agreement](#).



<http://www.djc.com>

Click [here](#) for subscription information.

---

**From:** Rudy Arvizu [<mailto:rarvizu@ligo.caltech.edu>]  
**Sent:** Monday, May 13, 2013 12:16 PM  
**To:** legals  
**Subject:** Re: LIGO Roofing Project

Melissa,  
We request that this be published today.

We can we pay by Credit Card or email the invoice addressed to:

California Institute of Technology  
1200 E. California Blvd.  
Pasadena, CA 91125  
Attention: Rudy Arvizu, LIGO Project.

On 5/13/2013 11:35 AM, legals wrote:

Hello  
When would you like us to publish the ad? We publish Monday through Saturday. Also, where do we send the invoice and affidavit?  
Looking forward to hearing from you.  
Thank you

Melissa Dowd  
Seattle Daily Journal of Commerce  
Public Notice Dept.  
(T) 206-622-8272 (F) 206-622-8416

Seattle DJC [advertising agreement](#).



<http://www.djc.com>

Click [here](#) for subscription information.

---

**From:** Rudy Arvizu [<mailto:rarvizu@ligo.caltech.edu>]  
**Sent:** Monday, May 13, 2013 11:19 AM  
**To:** legals  
**Subject:** LIGO Roofing Project  
**Importance:** High

The California Institute of Technology is advertising this construction project for the LIGO Hanford Observatory.

Please do not hesitate to contact me if you have questions.

--

Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

--  
Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

--  
John Worden  
Observatory Manager  
LIGO Hanford Observatory  
P.O. Box 159  
Richland, WA 99352

Office: (509) 372-8136  
Fax: (509) 372-8137  
[worden\\_j@ligo-wa.caltech.edu](mailto:worden_j@ligo-wa.caltech.edu)  
[www.ligo-wa.caltech.edu](http://www.ligo-wa.caltech.edu)

Shipping address:

LIGO Hanford Observatory  
127124 N Rt 10  
Richland, WA 99354

**Subject:** Re: Addenda to LHO Re-roof Project  
**From:** John Worden <worden\_j@ligo-wa.caltech.edu>  
**Date:** 5/23/2013 4:15 PM  
**To:** Rudy Arvizu <rarvizu@ligo.caltech.edu>  
**CC:** Gil Hibbs <gil@hibbs-engineering.com>

Rudy,

Sorry I got waylaid.

Your attachment looks fine to me. We are still working on a minor clarification on what to do with our lightning protection system but

I would like to leave the resolution of this to next week - it can be clarified at next Thursday's walk and minutes sent to all bidders.

John

5-23-13  
ANOTHER  
ADDENDUM  
TO  
FOLLOW

On 5/23/2013 2:59 PM, Rudy Arvizu wrote:

To all,  
How does the attached look?

On 5/23/2013 1:55 PM, John Worden wrote:

Rudy,  
A very successful job walk today.

The four attendees were:

Karl Schlecht      Roof Toppers 360-574-7248

Barry Berendsen   Scholten Roofing 360-398-8484

Ric Fernandez      M.G. Wagner      509-575-0934

Gregory A Hayter   All Valley Sheet Metal   509-249-6255

I believe the last two are teeming so we had three possible bidders present.  
See the attached for the business cards of these vendors.

Questions:

1. What detailed requirements exist for the bond? A suggestion was that 5% was normal.
2. What details are there for the bid submittal? Do we require electronic submission of all documents AND paper copies at the bid opening?  
Who do they send documents to?
3. A question was raised about rub strips under lightning rod wiring - Answer is: whatever is required for the 30 year manufacturers warranty.
4. Drawing package has a note re gutters:  
NOTE 5 on D1300361 page 4 of 5 should say: This note applies to the Mid-Station and End-Station on the West Leg only and applies to the large rollup door of each building.
5. Resend the web link to the ITB.

Rudy,  
Gil and I are both able to perform another job walk 1 week from today.

John

--  
Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

--  
John Worden  
Observatory Manager  
LIGO Hanford Observatory  
P.O. Box 159  
Richland, WA 99352

Office: (509) 372-8136  
Fax: (509) 372-8137  
[worden\\_j@ligo-wa.caltech.edu](mailto:worden_j@ligo-wa.caltech.edu)  
[www.ligo-wa.caltech.edu](http://www.ligo-wa.caltech.edu)

Shipping address:

LIGO Hanford Observatory  
127124 N Rt 10  
Richland, WA 99354



**Subject:** Re: LHO Facilities Re-roof Project, draft ITB  
**From:** Rudy Arvizu <rarvizu@ligo.caltech.edu>  
**Date:** 5/21/2013 4:18 PM  
**To:** John Worden <worden\_j@ligo-wa.caltech.edu>  
**CC:** Ed Jasnow <jasnow@ligo.caltech.edu>, Claude Poux <cpoux@ligo.caltech.edu>, Gina Salone <gsalone@ligo.caltech.edu>

John,  
The Spokane Regional Planning Center, the Tri-City Construction Council and the Yakima Planning Planning Center all offer similar membership policies. A view only membership with no down-link capability and the view and down-link membership.

I will investigate the Seattle Daily Journal of Commerce in the morning.  
Sincerely,  
Rudy A

On 5/21/2013 3:49 PM, John Worden wrote:

Rudy,

Attached is a pdf from the Seattle Journal of Commerce - you can see our ad - but there is NO contact information. If someone at Caltech has the ability to log on the .html version may have working links. However, the paper copy likely does not. Can you tell me where else we advertised?

John

On 5/6/2013 2:29 PM, Rudy Arvizu wrote:

To all,

This schedule works. Ed Jasnow's only concern is the planned NSF advanced approval of the solicitation package, which we are drafting in parallel. In the event the NSF elects to approve the recommended selection they can take up to 30 days to complete their review.

The attached revision v2 to the ITB with comments for: David Nolting page 2; drawings/specs page 8; and Gil Hibbs/Robert Bready page 15 .

The ITB is almost complete.

Sincerely,  
Rudy A

On 5/3/2013 3:22 PM, Gil Hibbs wrote:

The comments from Rob and myself are included in the attached draft of the invitation to bid spec. I also have attached a project description for the advertisement. The drawings and spec are at the FTP site for Berkey, with instructions below for access. Those documents still need to be edited with the drawing/document numbers. Before they are placed in your system as final. We will need to add PE stamps to the documents. Let me know of any comments or changes to the drawings and spec. Rudy, you can take the ITB document and finalize as you need.

I have the dates set up as follows:

Advertise	5/10/13
Job Walk	5/23/13 10 AM
Bids at LIGO	6/4/13 2 PM
Award	6/6/13 (date not stated)
NTP	6/17/13 (date not stated)
Substantial	NTP + 90
Final	NTP + 104 (could change to substantial + 14)

Thanks,  
Gil

<ftp://ftp.berkey.biz>

Right-click to "logon as"

username is client\_general  
password is general2. (with the dot)

*check on down LINKS*

Gilbert Hibbs P.E.  
Hibbs Engineering, Inc.  
4308 S Gum St.  
Kennewick, WA 99337  
509-582-5723  
509-308-8331 Mobile

--

Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

--

John Worden  
Observatory Manager  
LIGO Hanford Observatory  
P.O. Box 159  
Richland, WA 99352

Office: (509) 372-8136  
Fax: (509) 372-8137  
[worden\\_j@ligo-wa.caltech.edu](mailto:worden_j@ligo-wa.caltech.edu)  
[www.ligo-wa.caltech.edu](http://www.ligo-wa.caltech.edu)

Shipping address:

LIGO Hanford Observatory  
127124 N Rt 10  
Richland, WA 99354

--

Sincerely,  
Rudy Arvizu  
Senior Contracting Officer  
(626) 395-4834 Phone  
(626) 304-9834 Fax  
[rarvizu@ligo.caltech.edu](mailto:rarvizu@ligo.caltech.edu)

**Subject:**

**From:** Melissa Dowd <melissa.dowd@djc.com>

**Date:** 5/22/2013 10:54 AM

**To:** "rarvizu@ligo.caltech.edu" <rarvizu@ligo.caltech.edu>

Hello

Here is a copy of your ad as it was published on May 14<sup>th</sup>.

Thank you

Melissa Dowd

Seattle Daily Journal of Commerce

Public Notice Dept.

(T) 206-622-8272 (F) 206-622-8416

Seattle DJC [advertising agreement](#).



<http://www.djc.com>

Click [here](#) for subscription information.

—Attachments:—

Reroofing Project.pdf

27 bytes

*problem with prior posting.  
no link?*

Date: 05/13/2013  
Adnum: 297680  
Custid: 64678

Customer:  
Ad Title: Reroofing Project  
Lines: 67

**California  
Institute of  
Technology  
Reroofing Project  
at LIGO Hanford  
Observatory**

Grad29'-37' Totals:84,468sf 4470lf  
of perimeter

Date of publication in  
the Seattle Daily Journal of  
Commerce, May 14, 2013.

5/14(297680)

**LASER INTERFEROMETER  
GRAVITATIONAL-WAVE  
OBSERVATORY (LIGO)  
FACILITY RE-ROOFING  
PROJECT, FY 2013**

The California Institute of Technology solicits bids in conformance with the instructions contained in Invitation to Bid No. LP-12b for the Reroofing Project at the LIGO Hanford Observatory located on Horn Road, Richland, Washington. The link is C1301598-v2.

Scope of work is to install a new single-membrane white EPDM roofing system with all new flashings and related appurtenances over the existing bituminous roofing system at the LIGO facility. Scope includes the removal and replacement of all fascias, flashings, copings and other related metal accessories; the removal (relocation) and resetting of a lightning arrest network; the removal and reinstallation of other, minor roof-mounted equipment; installation of certain new gutters, downspouts, splash blocks where indicated.

The LIGO facility consists of five (5) separate buildings: The corner station includes the Operational Support Building (OSB), which is contiguous with the Laser-Vacuum Equipment Area (LVEA). There are also four (4) separate out-buildings designated as Beam Tube Mid- and End-Stations. Each of these buildings is identical to the others.

Roofing areas and perimeter lengths summarize as follows:

OSB 19,316sf 1203 lf of perimeter Elevs above Grad17'-38'

LVEA 41,040sf 1259 lf of perimeter Elevs above Grad17'-38'

MID STATION NW 6,028sf 502 lf of perimeter

END STATION NW 6,028sf 502 lf of perimeter

MID STATION SW 6,028sf 502lf of perimeter

END STATION SW 6,028sf 502 lf of perimeter Elevs above