



BLACK ROOFING INC

UNIVERSITY OF COLORADO FARRAND HALL  
**CRA 2017 JOB OF THE YEAR - \$450,001 - \$850,000**





# Awards Dinner

February 22, 2018

COLORADO ROOFING ASSOCIATION

"Recognizing the Outstanding Work Done by CRA Member Companies!"

## JOB OF THE YEAR

Nomination Deadline: Friday, December 1, 2017

### Award Application

Company Name BLACK ROOFING, INC. Contact: TIM BLACK  
 Contact Email TIM@BLACKROOFING.COM Contact Ph: 303-449-5176  
 Name of Project UNIVERSITY OF COLORADO FARRAND HALL

Check One:  New Roof  Re-Roof

### Categories – \$ Size of Contract:

- Under \$150,000
- \$150,001 - \$450,000
- \$450,001 - \$850,000
- Over \$850,001

### Other Categories:

First Timer' Submission (please also indicate \$ size above)  Community Service\*

General Contractor BLACK ROOFING, INC. Start Date MAY 21, 2017

Owner UNIVERSITY OF COLORADO Completion Date AUGUST 10, 2017

Project Manager for the Project PAT SWEET

Foreman for the Project DON PHILLIPS

Consultants for the Project JOHN STEELE

JERRY DOHNEY

Sub-Contractors for the Project VL ENTERPRISES & COLORADO SEAMLESS GUTTER % 70

SAFWAY SCAFFOLDING % 30

Material Manufacturers Used

1. LUDOWICI TILE
2. \_\_\_\_\_
3. \_\_\_\_\_

Distributors or Suppliers Used

1. RSG
2. \_\_\_\_\_
3. \_\_\_\_\_

**Nominations must be 1) submitted on this form, 2) typed (minimum 11 pt font), 3) one-sided, 4) seven-page maximum (this cover form plus two page maximum per question below), 5) double-spaced and 6) signed.\*\***

Attach your description/summary outlining the following:

1. Please describe the roofing system for the Project starting with the deck and working up.
2. What were the safety considerations for the Project (i.e.: What measures did you take to keep your crew and/or the public safe & how did safety affect the execution, timeliness and costs of this project)?
3. What were the job conditions/site restrictions/unique circumstances that you dealt with for the Project that sets your Project apart from others (i.e.: weather, access issues, deadlines, budgets, your design input/contribution, being the general vs. sub, multi-employer worksite, public exposure, government restrictions, 3<sup>rd</sup> party inspections, etc.)?

I CERTIFY THAT THE INFORMATION CONTAINED IN THE PROVIDED NOMINATION PACKAGE IS TRUE TO THE BEST OF MY KNOWLEDGE AND THAT THE NOMINEE IS A MEMBER OF THE CRA. The

NOMINATOR'S SIGNATURE

NOVEMBER 29, 2017  
DATE

\* Community Service Category – If applicable, please answer the questions on this application. Otherwise, please submit a separate one page (maximum), double spaced description detailing the charitable work your company provided to the community or individual in 2017 (who, what, where, when and a description of the charity or cause).

\*\* Photos need to be emailed to CRA and should also be printed and included with this form to emphasize specific details of a project for the judges to see.

# UNIVERSITY OF COLORADO FARRAND HALL PROJECT DESCRIPTION

IN THE SPRING OF 2017, BLACK ROOFING, INC. WAS THE LOW BID FOR THE GUTTER RESTORATION PROJECT ON FARRAND HALL AT THE UNIVERSITY OF COLORADO. THE SCOPE OF WORK ENTAILED REMOVING AND REPLACING 1,500 LINEAL FEET OF LEAD BASED PAINTED GUTTER ON THE ENTIRE BUILDING.

THE SCOPE OF WORK ALSO INCLUDED REMOVING THE FIRST FOUR ROWS OF LUDOWICI BARREL TILE, THE UNDERLYING FELT SUBSTRATE AND THE SUPPORT STRINGERS UNDER FOR THE TILE. THE EAVE EDGE METAL ALSO NEEDED TO BE REMOVED, REPLACED AND ANY ADJOINING SIDEWALL OR VALLEY FLASHING RESTORED TO NEW. THE ORIGINAL ROOF DECK WAS 1" FIR PLANKING. 36" ICE AND WATER SHIELD AND SYNTHETIC FELT, SPLICED IN UNDER THE EXISTING FELT UNDERLAYMENT WAS SPECIFIED.

# UNIVERSITY OF COLORADO FARRAND HALL JOB CONDITIONS

THE UNIVERSITY GAVE US THREE MONTHS TO GET THE JOB DONE. THIS JOB REQUIRED WELL PLANNED COORDINATION BETWEEN THE SCAFFOLD CONTRACTOR, THE GUTTER SUB-CONTRACTOR AND OUR TILE INSTALLERS. THE FRONT ENTRY ROOF WAS CURVED WITH WOOD TILE SUPPORT STRINGERS CAST INTO A CONCRETE ROOF DECK. WE REMOVED ALL OF THE FELT, INSTALLED NEW UNDERLAYMENT AND INSTALLED NEW WOOD STRINGERS FASTENED INTO THE OLD CAST IN PLACE STRINGERS. THE GUTTER AND EAVE FLASHING WAS INSTALLED ON A RADIUS WITH MITERED AND SOLDERED JOINTS.

WITH LANDSCAPING, CONCRETE WALKS AND TREES, THE ACCESS TO THIS JOB WAS VERY DIFFICULT. WE LOADED ALL THE MATERIAL WITH PULLEYS AND ROPES AND DOWNLOADED THE TRASH THE SAME WAY. THE EXISTING GUTTER WAS COVERED WITH LEAD PAINT, SO WE HAD TO FOLLOW THE LEAD PAINT DISPOSAL GUIDELINES.

IN THE END IT WAS A GOOD JOB. WE HAD VERY FEW ISSUES WITH THE UNIVERSITY INSPECTOR AND WE FINISHED ON TIME.

# UNIVERSITY OF COLORADO FARRAND HALL SAFETY CONSIDERATIONS

THE STUDENT DORM BUILDING WAS EMPTY FOR THE SUMMER, SO WE FENCED OFF THE ENTIRE BUILDING. WE HAD TO USE SCAFFOLD AROUND THE ENTIRE BUILDING BECAUSE WE COULD NOT GET LIFTS ONTO THE SITE WHERE WE NEEDED THEM. THE SCAFFOLD WAS 70' HIGH IN MANY PLACES AND THE ERECTION OF THE SCAFFOLD ACCORDING TO OSHA STANDARDS WAS A CHALLENGE AS THE UNIVERSITY DID NOT WANT A BUNCH OF UNSIGHTLY HOLES PATCHED WHERE THE SCAFFOLDING WAS ATTACHED TO THE WALL. THE STORAGE OF MATERIAL ON THE SCAFFOLD AND THE ROOF HAD TO BE SECURED FROM WIND BECAUSE THERE WERE STUDENTS WALKING NEAR THE BUILDING ALL DAY AND NIGHT. ONE WEEKEND THERE WAS A "DEAD" CONCERT. THAT WEEKEND WE HAD TO TIE ORANGE PLASTIC FENCING TO THE BOTTOM 10' OF THE SCAFFOLDING TO KEEP STUDENTS FROM CLIMBING ON THE SCAFFOLD. FOR THE MOST PART AFTER THE SCAFFOLD WAS ERECTED WITH SAFETY RAILINGS, THE MEN WERE ABLE TO WORK OFF ROPE. OUR BIGGEST CONCERN WAS THE INTERACTION WITH PEDESTRIAN TRAFFIC WHILE ERECTING AND LOADING. THERE WERE NO ON-THE-JOB INJURIES ON THIS PROJECT.



# UNIVERSITY OF COLORADO FARRAND HALL



FRONT ENTRY TO FARRAND HALL  
(CURVED ROOF OVER THE FRONT ENTRY)



ALL MATERIAL WAS LOADED BY HAND WITH A ROPE AND PULLEY. ALL THE DEBRIS WAS ALSO REMOVED BY HAND.



# UNIVERSITY OF COLORADO FARRAND HALL

NEW GUTTER IN PLACE,  
READY FOR TILE INSTALLATION

EAST SIDE OF BUILDING



# UNIVERSITY OF COLORADO FARRAND HALL

ALL THE INTERNAL WALL DOWNSPOUTS  
WERE REPLACED WITH 4" ROUND DOWNSPOUTS.



CURVED CONCRETE DECK OVER THE FRONT ENTRY



# UNIVERSITY OF COLORADO FARRAND HALL

WE REPAIRED AND REPLACED ALL FLASHING INTERSECTIONS AT THE EAVE OF THE ROOF.



# UNIVERSITY OF COLORADO FARRAND HALL





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