

**BID FORM AND PROPOSAL**

To: Governing Board of Education of the Feather River College ("District")

From: Pacific Polymers, Inc. DBA American Foam Experts  
(Insert Proper Name of Bidder)

The undersigned declares that the Contract Documents including, without limitation, the Notice to Contractors Calling for Bids and the Information for Bidders have been read and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of the **Roof Replacement Project at FRC's Main Campus, GYM Bldg. BID #32-C1, 23-01** ("Project" or "Contract") and will accept in full payment for that Work the following total lump sum amount, all taxes included:

**BASE BID**

1. FRC's GYM BLDG. – TOTAL BASE BID CASH PURCHASE PRICE IN WORDS & NUMBERS:

one Hundred Forty Eight Thousand Eight Hundred Eighteen DOLLARS  
(\$ 148,818.00 )

2. PROJECT ALLOWANCE – (UNFORSEEN CONDITIONS & OWNER CONTINGENCY)  
(\$20,000)

**ADDITIVE ALTERNATES – N/A**

**TOTAL BASE BID PRICE (Including Project Allowance + Base Price)**

one Hundred sixty Eight Thousand Eight Hundred Eighteen DOLLARS  
(\$ 168,818.00 )

Descriptions of alternates are primarily scope definitions and do not necessarily detail the full range of materials and processes needed to complete the construction.

1. **Unit Prices.** The Bidder's Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders:

- A. LF Seamless Gutters                      \$ 15.00 /LF
- B. 4" Metal Downspouts LF.                \$ 15.00 /LF

2. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the Scope of Work required in this Proposal, understands the construction and project management function(s) described in the Contract Documents, and that each Bidder who is awarded a Contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a Contract with the District in

accordance with the intent of the Contract Documents.

- 3. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the District before the bid opening date to verify the issuance of any clarifying Addenda.
- 4. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
- 5. The liquidated damages clause of the General Conditions and Special Conditions is hereby acknowledged.
- 6. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of sixty (60) days.
- 7. The following documents are attached hereto:

- Bid Bond on the District's form or other security ✓
- Designated Subcontractors List ✓
- Non-Collusion Affidavit ✓
- Project Warranty ✓
- Change Order Acknowledgement Form ✓

8. Receipt and acceptance of the following Addenda is hereby acknowledged:

Addendum No. 1 BS Dated: 04/14/2023  
 Addendum No. 2 \_\_\_\_\_ Dated: \_\_\_\_\_  
 Addendum No. 3 \_\_\_\_\_ Dated: \_\_\_\_\_

- 9. The Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed.
- 10. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code § 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.
- 11. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this 19th day of April, 2023

Name of Bidder Pacific polymers, Inc. DBA American Foam Experts

Type of Organization Corporation

Signature 

Signed by Bobby Stepp

Title of Signer president

Address of Bidder 11506 twin cities road Galt, CA 95632

Bidder's Taxpayer Identification No. 45-2978153

Telephone Number 916-582-1265

Fax Number 209-748-2503

E-mail pacificpolymers1@gmail.com Website www.Americanfoamexperts.com

Contractor's License No(s): No.: 969486 Class: C-39 Expiration Date: 01/31/2024

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

DIR Registration No. 1006026412 Expires 06/30/2023

If Bidder is a corporation, affix corporate seal.

Name of Corporation: Pacific polymers, Inc. DBA American Foam Experts

President: Bobby Stepp

Secretary: Nicklaus Stepp

Treasurer: Bobby Stepp

Manager: Bobby Stepp

**BID BOND**

WHEREAS, Pacific Polymers Inc. dba American Foam Experts, as Principal, and Western National Mutual Insurance Company, as Surety, a corporation organized and existing under and by virtue of the laws of the State of Minnesota and authorized to do business as a surety in the State of California, are held and firmly bound unto the Feather River College ("District"), as Obligee, in the sum of Ten Percent of the Total Amount of the Bid DOLLARS (\$ 10%), being not less than ten percent (10%) of the Total Bid Price; for the payment of which sum will and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has submitted a bid to the District to perform all Work required for the **Roof Replacement Project at FRC's Main Campus, GYM Bldg., BID #32-C1, 23/01** as set forth in the Notice to Contractors Calling for Bids and accompanying Contract Documents.

NOW, THEREFORE, if said Principal is awarded a Contract for the Work by the District and, within the time and in the manner required by the above-referenced Contract Documents, enters into the written form of Contract bound with said Contract Documents, furnishes the required bonds (one to guarantee faithful performance and the other to guarantee payment for labor and materials), furnishes the required insurance certificates and endorsements, and furnishes any other certifications as may be required by the Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or the notice inviting bids, or to the work to be performed thereunder, or the specifications accompanying the same, shall in any way affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract of the notice inviting bids, or to the work, or to the specifications.

The bid security will be held by the District for ten (10) days after the period for which bids must be held open or until posting by the successful bidder(s) of the bonds, certificates of insurance required and return of executed copies of the Agreement, whichever first occurs, at which time the bid security will be returned.

In the event suit is brought upon this bond by the District and judgment is recovered, said Surety shall pay all costs incurred by the District in such suit, including reasonable attorneys' fees to be fixed by the court.

SIGNED AND SEALED, this 20th day of April, 2023.

Pacific Polymers Inc. dba American Foam Experts  
Principal

By: [Signature]  
Signature

SEE ATTACHED CERTIFICATE

Western National Mutual Insurance Company  
Surety

By: [Signature]  
Signature Pietro Micciche, Attorney-in-Fact

(SEAL)

(SEAL)



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
County of Los Angeles )  
On April 20th, 2023 before me, Angel Nunez, Notary Public  
Date Here Insert Name and Title of the Officer  
personally appeared Pietro Micciche  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~is~~  
subscribed to the within instrument and acknowledged to me that he/~~she~~~~they~~ executed the same in  
his/~~her~~~~their~~ authorized capacity(ies), and that by his/~~her~~~~their~~ signature(s) on the instrument the person(s),  
or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature [Handwritten Signature]  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

**POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That Western National Mutual Insurance Company, a Minnesota mutual insurance company, does make, constitute, and appoint: **Patricia Zenizo, Pietro Micciche, Manuel Reguerra, and Elisabete Salazar**, Preferred Bonding Services (#9760)

Its true and lawful Attorney(s)-in-Fact, with full power and authority for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto (if a seal is required) bond, undertakings recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits, hazardous waste remediation bonds or black lung bonds), as follows:

All written instruments in an amount not to exceed an aggregate of Seven Million Five Hundred Thousand and 00/100 (\$7,500,000.00) for any single obligation, regardless of the number of instruments issued for the obligation.

and to bind Western National Mutual Insurance Company thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a meeting held on September 28, 2010. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of Western National Mutual Insurance Company on September 28, 2010:


RESOLVED that the president, any vice president, or assistant vice president in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the Company to bonds, undertakings, recognizances, and suretyship obligations of all kinds, and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

- RESOLVED FURTHER that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company
- (i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
  - (ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned and sealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
  - (iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority evidenced by the Power of Attorney issued by the Company to such person or persons.

RESOLVED FURTHER that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. IN WITNESS WHEREOF, Western National Mutual Insurance Company has caused these presents to be signed by its proper officer and its corporate seal to be affixed this 16th day of December, 2020.

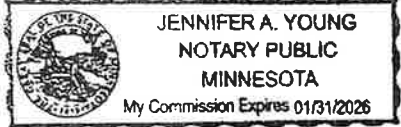
  
\_\_\_\_\_  
Jon R. Hebeisen, Secretary




  
\_\_\_\_\_  
Larry A. Byers, Sr. Vice President

STATE OF MINNESOTA, COUNTY OF HENNEPIN

On this 16th day of December, 2020, personally came before me, Jon R. Hebeisen and Larry A. Byers and to me known to be the individuals and officers of the Western National Mutual Insurance Company who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally dispose and say; that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.





  
\_\_\_\_\_  
Jennifer A. Young, Notary Public  
My commission expires January 31, 2026

CERTIFICATE

I, the undersigned, assistant secretary of the Western National Mutual Insurance Company, a Minnesota corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

Signed and sealed at the City of Edina, MN this 20th day of April, 2023

  
\_\_\_\_\_  
Jennifer A. Young, Assistant Secretary





# CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of SACRAMENTO }

On APRIL 11, 2023 before me, JOANNE VENEGAS, NOTARY PUBLIC  
(Here insert name and title of the officer)

personally appeared NICKLAUS ROBERT JEFFS,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public Signature 

(Notary Public Seal)



### ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

BID BOND

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages 1 Document Date \_\_\_\_\_

### CAPACITY CLAIMED BY THE SIGNER

- Individual (s)  
 Corporate Officer

(Title)

- Partner(s)  
 Attorney-in-Fact  
 Trustee(s)  
 Other \_\_\_\_\_

### INSTRUCTIONS FOR COMPLETING THIS FORM

*This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.*

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he/she/they~~, is /are ) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
  - ❖ Indicate title or type of attached document, number of pages and date.
  - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

JOANNE VENEGAS  
COMM. #2334429  
Notary Public - California  
SACRAMENTO  
2015 Version www.NotaryClasses.com 800-873-9865  
App. Expires Sept. 26, 2024

### CHANGE ORDER ACKNOWLEDGEMENT FORM

The District expects and requires that Bidders take due care in submitting their bids, and will not provide additional compensation or time via change order to bidders for items that should have been included in their bids.

By submitting this bid, I certify that I understand that section 7 of the Information For Bidders for this contract requires that each bidder perform a **thorough** review of this bid packet and the accompanying plans and specifications.

I understand that pursuant to section 7.1, I am representing that I have read and understand the contract, including the plans and specifications, and that no consideration will be given to any claim that I misunderstood the documents.

I understand that it is my responsibility to **immediately** bring to the attention of the District any perceived discrepancies in, and/or omissions from the plans, specifications or other contract documents or questions as to their meaning, **before** I submit my bid.


I understand that the District makes no representations or warranties about the condition of the site upon which the work will be performed, and that it is **my responsibility** to examine the site conditions before I submit a bid, to ensure the bid accurately reflects the price of the work to be performed.

I understand that pursuant to section 7 of the Information to bidders, I have had the opportunity to submit requests for information and clarification regarding any questions I might have about the plans and specifications before submitting my bid.

In other words, I understand that it is my responsibility to fully and completely understand the plans and specifications for the project, and submit any questions I might have about them **before** I submit my bid.

I certify, under the penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Date: 04/19/2023

  
\_\_\_\_\_  
Signature



**DESIGNATED SUBCONTRACTORS LIST**

In compliance with the "Subletting and Subcontracting Fair Practices Act," Sections 4100 through 4114 of the California Public Contract Code, and any amendments thereto, each Bidder shall provide the information requested below for each subcontractor who will perform work, labor or render service to Bidder in or about the construction of the Work in an amount in excess of one-half of one percent (greater than 0.5 %) of the Bidder's Total Bid Price and shall further set forth the portion of the Work which will be done by each subcontractor. Bidder shall list only one subcontractor for any one portion of the Work.

If the Bidder fails to specify a subcontractor for any portion of the Work to be performed under the Contract, it shall be deemed to have agreed to perform such portion itself, and shall not be permitted to subcontract that portion of the Work except under the conditions hereinafter set forth below.

Subletting or subcontracting of any portion of the Work in excess of one half of one percent (greater than 0.5%) of the Total Bid Price for which no subcontractor was designated in the original bid shall only be permitted in cases of public emergency or necessity, and then only after District approval.

<u>Name and Location of Subcontractor</u>	<u>Description of Work to be Subcontracted</u>
Name: <u>N/A - No subcontractors to be used.</u>	_____
Address: _____	DIR Registration No. _____
City/State: _____	License No. _____ Exp. _____
Ph: _____	Fax: _____

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<u>Name and Location of Subcontractor</u>	<u>Description of Work to be Subcontracted</u>
Name: _____	_____
Address: _____	DIR Registration No. _____
City/State: _____	License No. _____ Exp. _____
Ph: _____	Fax: _____

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<u>Name and Location of Subcontractor</u>	<u>Description of Work to be Subcontracted</u>
Name: _____	_____
Address: _____	DIR Registration No. _____
City/State: _____	License No. _____ Exp. _____
Ph: _____	Fax: _____

**NON-COLLUSION AFFIDAVIT**

In accordance with Public Contract Code Section 7106, the undersigned declares that he or she holds the position listed below with the bidder, the party making the foregoing bid, that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

  
\_\_\_\_\_  
Signature

Nicklaus Stepp  
\_\_\_\_\_  
Typed or Printed Name

Secretary  
\_\_\_\_\_  
Title

Pacific polymers, Inc. DBA American Foam Experts  
\_\_\_\_\_  
Bidder

Subscribed and sworn before me  
This \_\_\_\_ day of \_\_\_\_\_, 2023

[Seal]

*See attached*

\_\_\_\_\_  
Notary Public in and for  
the State of California

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of Sacramento

Subscribed and sworn to (or affirmed) before me on this 19th  
day of April, 2023, by Nicklaus Stepp

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.



(Seal)

Signature Melissa Snow

**PROJECT WARRANTY**

We, the undersigned, do hereby warrant and guarantee all products and services described within which we have provided for: **Roof Replacement Project at FRC's Main Campus, GYM Bldg.**

**BID #32-C1, 23/01**

are in accordance with the Contract Documents and that all such Work as installed will fulfill or exceed all minimum warranty requirements. We agree to repair or replace Work installed by us, together with any adjacent Work which is displaced or damaged by so doing, which proves to be defective in workmanship, material, or function at no expense to the Owner, Feather River College, for a period of two (2) years.

In the event of our failure to comply with the above-mentioned conditions within ten (10) business days, after notification in writing, we, the undersigned, all collectively and separately, hereby authorize the Owner to have said defective Work, repaired or replaced to be made good, and agree to pay to the Owner upon demand all moneys that the Owner may expend in making good said defective Work, including all collection costs and reasonable attorneys' fees.

Company Name: Pacific polymers, INC. DBA American Foam Experts

Signed:   
(Contractor's signature)

Name: Bobby Stepp  
(printed)

Date: 04/19/2023



Feather River College

**ADDENDUM #1**

**Roofing Replacement Project (Gymnasium Bldg.)  
at  
Main Campus**

**BID #32-C1, 23/01**

April 14, 2023

**TO ALL BIDDERS:**

The following changes, omissions, and/or additions to the Proposal shall apply to proposals made for and to the execution of the various parts of the work affected thereby, and all other conditions shall remain the same.

All parties of interest shall take careful note of the addendum so that the proper allowances may be made in strict accordance with the Addendum.

Bidder shall acknowledge receipt of this addendum by signing and attaching this form to the Consultant Proposal. Failure to do so may subject Bidder to disqualification.

In case of conflict between bid documents and this addendum, this addendum shall govern.

**PLAN & SPECIFICATION ADDS/CHANGES**

- Section 07 31 13 – Asphalt Shingles (Delete requirements for Roof Insulation and related components)

**General Notes:**

1. Non-Mandatory Pre-Bid Sign-in sheet attached.

**Clarification Questions: See Attached sheet w/response**

Please Note: Bidders who “no bid” items understand this is an “All or Nothing Bid.” This bid will be awarded to the lowest responsive responsible bidder.

**Please confirm receipt of this addendum by date, signature this form and on bid proposal form. Contact the undersigned for any additional questions at e-mail address [gparker587@yahoo.com](mailto:gparker587@yahoo.com) or by phone to (530) 788-3533**

George Parker  
Capital Projects Manager, Consultant

Pacific Polymers, Inc. DBA American Foam Experts  
[Prospective Bidder] Company Name

By Bobby Stepps 

04/14/2023  
Date



## Pre-Bid Questions

RE: insulation R-value or thickness

The specifications do not mention what the R-value is or total thickness of the insulation is. It only states the type of substrate (7/16" OSB), venting height (1.5") but does not state what the thickness is or R-value is to be achieved. I did a search in the PDF and did not produce any results for this. Also, our associate that attended the job walk said this was not brought up or he missed that information if it was noted.

Can you please tell me what the overall thickness of the nail base is to be and or what R-value is to be achieved?

1. With regards to insulation, you can install as much insulation on the roof as you desire. I am not sure what the minimum thickness of insulation can be used in a vented nail base assembly. Polyisocyanurate insulation is R-5.7 per inch. Common insulation sizes are 1", 1.5", 2", 2.6", 3", 3.5, and 4". You can stack the insulation as well. This does not include the vented portion or the plywood/osb. With 1.5" vented area and 7/16" OSB a 2" would be about 4" thick plus roofing. This would achieve an R-value of roughly 11.4.
2. With regards to the lower roof at the roof-to-wall condition at the clearstory. How do you plan to address this condition with the additional thickness of the nail base. As noted in one above, a 2" insulation with 1.5" air vent, 7/16" OSB, and figure an inch for the shingle assembly, the overall height of the of the assembly with the insulation would be 5". It doesn't look like there is enough roof at the lower roof at the roof-to-wall condition to even accommodate that. how will you deal with the clearstory window detail?
3. Venting, you need an intake and exhaust. In short, I would recommend the Lomanco Deck-Air vent for both intake and exhaust. With the nail base all you do is cut a relief strip along the eave, roof-to-wall- and high-side barn-ridge condition. These are WUI compliant with mesh screen installed under them. what is specified cannot be used at the intake side (low side). you need both for proper flow as venting one side is pointless.
4. How are you going to address the increased height of the insulation at the eave, rake, and barn-ridge conditions? How do you cover the ends, what are you expecting to see here? Will longer drip metal be acceptable to you? even though it's not needed with a nail base insulation setup, do you want a wood nailer around the perimeter to kind of close off the ends and then a long drip.
  - a. I would suggest a long (or big) faced fascia that is fastened at the face at 12" o.c. make sure the drip is below the new assembly at least an acceptable amount to you. At an increased cost you would install a wood nailer around the perimeter, install a cleat, install fascia metal, then a standard drip metal. this would protect the edge of the insulation better in the long run I feel.
5. With the increase height of the nail base, the curbs will need to be raised up as well. All of those items will need to be removed, raised, and re-installed. how will this affect any electrical, plumbing, etc. and who is responsible for any alterations such as these?
6. Another thought on the nail base. You don't have to install the same thickness of insulation at both roofs. Since the clearstory is the limiting factor for the lower, you could install as much as you want on the upper.

**Answer: No Roof insulation is required or needed, see revised Asphalt Shingle Specification**

SECTION 07 31 13  
ASPHALT SHINGLES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Granular surfaced fiberglass asphalt shingle roofing.
- ~~B. Vented Nail Base Insulation.~~
- C. Moisture shedding underlayment, eave, valley and ridge protection.
- D. Associated metal flashings, trim and accessories

1.2 RELATED SECTIONS

- A. Section 05 31 00 – Steel Decking.
- B. Section 07 13 26 – Self-Adhering Sheet Waterproofing.
- C. Section 07 62 00 – Sheet Metal Flashing and Trim.
- D. Divisions 21-23 – Mechanical: Mechanical work projecting through roof.
- E. Divisions 25-28 – Electrical: Electrical work projecting through roof.

1.3 REFERENCES

- A. The publications listed below form a part of this Section to the extent referenced. The publications are referred to in the text by the basic designation only. Refer to Section 01 42 00 for definitions, acronyms, and abbreviations.
- B. Unless otherwise noted, standards, manuals, and codes refer to the latest edition of such standards, manuals, and codes as of the date of issue of this Project Manual.
- C. Referenced Standards:
  - 1. ASTM A653/653M – Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
  - 2. ~~ASTM C1289 – Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board.~~
  - 3. ASTM D226 – Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing.
  - 4. ASTM D249 – Standard Specification for Asphalt Roll Roofing (Organic Felt) Surfaced with Mineral Granules.
  - 5. ASTM D3018 – Standard Specification for Class A Asphalt Shingles Surfaced with Mineral Granules.
  - 6. ASTM D3161 – Standard Test Method for Wind-Resistance of Asphalt Shingles (Fan-Induced Method).
  - 7. ASTM D3462 – Standard Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules.
  - 8. ASTM D4586 – Standard Specification for Asphalt Roof Cement, Asbestos Free.

9. ASTM D4869 – Standard Specification for Asphalt-Saturated Organic Felt Shingle Underlayment Used in Roofing.
10. NRCA – (National Roofing Contractors Association) Steep Roofing Manual.
11. UL 790 (Underwriters Laboratories, Inc.) – Test for Fire Resistance of Roof Covering Materials.
12. UL 997 – (Underwriters Laboratories, Inc.) – Wind Resistance of Shingles.

#### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- B. Product Data: Submit product data for all products listed under this Section. Indicate material characteristics, performance criteria and limitations.
- C. Manufacturer's Installation Instructions: Submit installation instructions for all products listed under this Section. Indicate preparation required and installation procedures and accessories.

#### 1.5 QUALITY ASSURANCE

- A. Applicator: The roofing material applicator must be approved by the material manufacturer.

#### 1.6 REGULATORY REQUIREMENTS

- A. Conform to applicable code for UL Class A rating for shingle types specified.

#### 1.7 JOB AND ENVIRONMENTAL CONDITIONS

- A. Do not apply any roofing materials when water in any form is present.
- B. Do not install eave edge protection and shingles when ambient temperatures are below 40°F.

#### 1.8 EXTRA MATERIALS

- A. Provide 50 sq. ft. of extra shingles of color specified. Deliver to location designated by Owner.

#### 1.9 DELIVERY, STORAGE AND HANDLING

- ~~A. Insulation packages shall be labeled to include material name, thermal value and product code.~~
- ~~B. When stored outdoors, insulation shall be stacked on pallets or dunnage at least 4 inches above ground level and covered with tarpaulins or other suitable covering. Condensation can be removed by slitting the bottom of the factory applied packaging.~~
- C. Store shingles and accessories as recommended by shingle manufacturer.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS – ASPHALT SHINGLES

- A. GAF, Products:
  1. Roof Shingles: Timberline Select 40 with manufacturer's "Golden Pledge" warranty.
  2. Ridge Shingles: Pacific Ridge Distinctive Ridge Cap.

3. Underlayment: Deck-Armor.
4. ~~Ridge Vent: Cobra Snow Country Advanced.~~

B. Certaineed.

C. Elk.

D. Substitutions: Under provisions of Section 01 60 00.

## 2.2 ASPHALT ROOF SHINGLES

A. Asphalt Shingles: ASTM D3018, D3161, 40 year, UL 790 Class A rated with Type 1 – Self Sealing UL Rating of A and UL 997 Wind Resistance Label, fiberglass reinforced core, ceramically colored/UV resistant mineral granule surface type; self-sealing type; laminated overlay type; color as selected by Architect.

1. Ridge Shingles: High profile, self-sealing ridge cap shingles in color to match asphalt roof shingles.

## 2.3 SELF-ADHERING SHEET WATERPROOFING

A. Refer to Section 07 13 26.

## 2.4 SHEET MATERIALS

A. Roll Roofing (eave protection): ASTM D249; asphalt saturated roll roofing; 50 lbs./square surfaced on weather side with mineral granules of color same as shingles.

B. Underlayment: ASTM D226, Type II (No. 30) unperforated asphalt saturated felts.

## 2.5 VENTED NAIL BASE INSULATION

~~A. Top layer of 7/16" APA/TECO rated OSB over 1.5" vent spacer strips over ASTM C1289 Type V, closed cell, HCFC-free polyisocyanurate rigid foam insulation board faced with a layer of black glass fiber reinforced felt. Nail base insulation panels shall be factory laminated. Product: AGFoam CrossVent Nail Base Insulation as manufactured by Atlas Roofing Corporation or accepted equal.~~

- ~~1. Fasteners: Carbon steel screws with epoxy coating, 0.245 inch nominal major diameter and 5/8 inch diameter flat heads. Length as required to fully penetrate thickness of metal roof decking.~~

## 2.6 ACCESSORIES

~~A. Ridge Vent: Rigid plastic ridge ventilator designed to allow the passage of hot air from attic while prohibiting snow infiltration. Vent shall provide a minimum of 18.5 square inches NFVA per lineal foot.~~

~~B. Roof to Wall Vent: Roof 2 Wall Vent with EC-400 end caps as manufactured by Cor-A-Vent, Inc., or accepted equal. Color as selected by Architect.~~

C. Nails: Standard round wire shingle type, zinc-coated steel; 10 to 12 gauge, barbed or deformed shank, with heads 3/8 inch to 7/16 inch in diameter; length sufficient to penetrate through oriented strand board of nail base insulation.

- D. Plastic Cement: ASTM D4586, asphalt type with mineral fiber components, free of toxic solvents, capable of setting within 24 hours at temperatures of 75°F and 50% RH.
- E. Lap Cement: Fibrated cutback asphalt type, recommended for use in application of underlayment, free of toxic solvents.

## 2.7 FLASHING MATERIALS

- A. Refer to Section 07 62 00.
- B. Sheet Flashings: ASTM A653; 24 gauge thick steel with minimum 1.25 oz./sq. ft. galvanized coating.
- C. Bituminous Paint: Acid and alkali resistant type; black color.
- D. Nails: Standard round wire roofing type, hot dipped zinc coated steel; minimum 19/64" head diameter and 0.104" shank diameter; of sufficient length to penetrate through roof sheathing.

## 2.8 FLASHING FABRICATION

- A. Form flashings to profiles indicated on Drawings, and to protect roofing materials from physical damage and shed water.
- B. Form sections square and accurate to profile, in maximum possible lengths, free from distortion or defects detrimental to appearance or performance.
- C. Hem exposed edges of flashings minimum 1/4" on underside.
- D. Apply bituminous paint on concealed surfaces of flashings.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verify existing site conditions and deck to receive roofing.
- B. Verify that roof penetrations and plumbing stacks are in place and flashed to deck surface.
- C. Verify roof openings are correctly framed prior to installing work of this Section.
- D. Verify deck surfaces are dry, free of ridges, warps or voids.

### 3.2 PREPARATION

- A. ~~Before roof insulation application is started remove trash, debris, grease, oil, water, moisture and contaminates which may affect the attachment of the nail base insulation to the metal decking.~~
- B. ~~Treated wood insulation stops, the same thickness as the insulation shall be mechanically fastened at the edges of the deck and around all projections and openings through the deck.~~
- C. Fill knotholes and surface cracks with latex filler at areas of bonded eave protection.
- D. Broom clean deck surfaces under eave protection and underlayment.



~~3.3~~ ~~INSTALLATION – NAIL BASE INSULATION~~

- ~~A. Mechanically fasten nail base insulation onto metal decking using screws per manufacturer's recommendations. All screw holes must be pre-drilled.~~
- ~~B. Installed insulation shall not be left exposed to the weather. Cover and waterproof insulation immediately.~~
- ~~C. Installed insulation which has become wet and/or damaged shall be removed and replaced with solid and dry materials.~~
- ~~D. Protect installed insulation and membrane from roof traffic damage and abuse by using surface protection such as plywood in areas where repeated or heavy traffic is anticipated both during and after the installation.~~

3.4 INSTALLATION – SELF-ADHERING SHEET WATERPROOFING

- A. Install self-adhered sheet waterproofing under provisions of Section 07 13 26. Install sheet waterproofing over entire roof area. Install double layer where indicated on Drawings.

3.5 INSTALLATION – PROTECTIVE UNDERLAYMENT

- A. Install one ply of roll roofing eave protection at all eaves.
- B. Install one ply of underlayment over entire roof area, with ends and edges weather lapped minimum 6". Stagger end laps of each consecutive layer. Nail in place.
- C. Install protective underlayment horizontally and perpendicular to slope of roof and weather lap minimum 4" over eave protection.
- D. Lap underlayment over valley flashing a minimum of 6".
- E. Weather lap and seal watertight with plastic cement, items projecting through or mounted on roof.

3.6 INSTALLATION – VALLEY PROTECTION

- A. Install valley sheet metal at all roof valleys.
- B. Extend shingles on one slope across valley and fasten. Trim shingles from other slope 2" from valley centerline to achieve closed cut valley, concealing the valley protection.

3.7 INSTALLATION – FLASHING

- A. Install all sheet metal work per SMACNA manual, latest edition and under provisions of Section 07 62 00.
- B. Weather lap joints minimum 2" and seal weather tight with plastic cement.
- C. Secure in place with nails at 6" on center. Conceal fastenings.
- D. Flash and seal work projecting through or mounted on roofing with plastic cement, weather tight.
- E. Install continuous edge flashings along all eaves and rake edges of roofs.

3.8 INSTALLATION – ASPHALT SHINGLES

- A. Install shingles and roof accessories in accordance with manufacturer's instructions.
- B. Install shingles in straight coursing pattern with 5" weather exposure to produce double thickness over full roof area. Provide double course of shingles at eaves.
- C. Secure each shingle with six nails per shingle. Nails shall be driven flush with shingle surface.
- D. Project first course of shingles 3/4" beyond edge of fascia.
- E. Extend shingles 1/2" beyond face of gable edge of fascia.
- F. Cap ridges with individual shingles, maintaining 5" weather exposure. Place to avoid exposed nails.
- G. Coordinate installation of roof-mounted components or work projecting through roof with weather tight placement of counter flashings.
- H. Complete installation to provide weather tight service.

3.9 PROTECTION OF FINISHED WORK

- A. Clean all shingles and adjacent surfaces from plastic cement, sealants, etc.
- B. Do not permit traffic over finished roof surface.
- C. Replace all damaged shingles as directed by the Architect, with no additional cost to Owner.

3.10 CLEAN UP

- A. Upon completion of the work on this section, remove all surplus materials, rubbish and debris from the premises.

END OF SECTION

**NON-MANDATORY Pre-Bid Sign-In Sheet**  
**Roof Replacement Project, Gym Bldg. at FRC Main Campus**  
**Project No. #32-C1, 23/01 – Roofing Replacement Project**  
**Main Gym Bldg.**

570 GOLDEN EAGLE AVE.  
 QUINCY, CA 95971  
 530.283-0202  
**SIGN-IN SHEET**

PROJECT: Roof Replacement Project, Gym Bldg. – FRC Main Campus  
 RFQ / BID NO.: #32-C1, 23/02  
 LOCATION: 570 Golden Eagle Ave, Quincy, CA 95971  
 DATE AND TIME: April 4, 2023 @ 11:00 AM

Organization – Name/Address/Zip Code	Print and Sign Your Name	Telephone
Parker Constr. & Consulting, Inc. 3204 Tinker Creek Way Chico, CA 95973	<i>George Parker</i>	Phone: (530) 788-3533 Fax: ( ) E-mail: gparker587@yahoo.com
ABC Roofing & Siding 1414 Hartwell Ave Berkeley CA 94702	<i>Thommy Pross</i>	Phone: (530) 917-6169 Fax: ( ) E-mail: Thommy@Abobuildsforus.com
BBS American Forman 13104 Belden Rd Hawthorne CA 92336	<i>Bobby Stapp</i>	Phone: (804) 912-8896 Fax: ( ) E-mail: BBSpro@YAHOO.COM
<del>Carland Co</del>	<del>Zach Holliman</del>	Phone: (530) 466-1536 Fax: ( ) E-mail: Zach.holliman@carland.com
Harbert Roofing Inc	<i>Kuise Myers</i>	Phone: (530) 723-3251 Fax: ( ) E-mail: HarbertRoofingInc@gmail.com
<del>Tommy Davidson</del>	<del>Tommy</del>	Phone: (530) 258-4940 Fax: ( ) E-mail: <del>tommydavidson@frc.edu</del>

NON-MANDATORY Pre-Bid Sign-In Sheet  
 Roof Replacement Project, Gym Bldg. at FRC Main Campus

570 GOLDEN EAGLE AVE.  
 QUINCY, CA 95971  
 530.283-0202  
**SIGN-IN SHEET**

Organization - Name/Address/Zip Code	Print and Sign Your Name	Telephone
A-E Design Const. & Roofing	JEFF SHARP John A. Sharp	Phone: (530) 360 1514 Fax: ( ) E-mail:
		Phone: ( ) Fax: ( ) E-mail:
		Phone: ( ) Fax: ( ) E-mail:
		Phone: ( ) Fax: ( ) E-mail:
		Phone: ( ) Fax: ( ) E-mail:
		Phone: ( ) Fax: ( ) E-mail:
		Phone: ( ) Fax: ( ) E-mail:
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