This addendum forms a part of the Request for Proposal and modifies the original Documents dated **August 21, 2024,** as noted below. Acknowledge receipt of this addendum in the space provided on Attachment B – Certifications / Residency Form. Failure to do so may subject the Proposer to disqualification.

REVISION TO SECTION 3.4.D.1 PERFORMANCE HISTORY ON PAST PROJECTS

*Change **original***

FROM:

~~**1.** Describe the relevant Seismic Project Experience with design and construction of K-12 schools in Oregon in the last five (5) years. Provide a case study of at least four (4) similar projects.~~

TO:

1. Describe the relevant Seismic Project Experience with design and construction of K-12 schools in Oregon in the last five (5) years. Provide a case study of at least **five (5)** similar projects.

REVISION TO SECTION 3.4.E.1 REFERENCES OF OTHER CLIENTS SERVED

*Change **original***

FROM:

~~**1.** Provide a reference contact person and phone number for three (3) completed K-12 school projects in Oregon for both Owner and Contractor. (Comparable construction value over $2 million).~~

TO:

1. Provide a reference contact person, **email** and phone number for **five (5)** completed K-12 school projects in Oregon for both Owner and Contractor. (Comparable construction value over $2 million).

ENCLOSED – SEISMIC REHABILITATION GRANT APPLICATION

Enclosed Seismic Rehabilitation Grant Application, ***in its entirety***.

PRE-PROPOSAL MEETING SIGN IN SHEET

Please review the attached sign in sheet; if corrections are required please send them to kristi.nelson@hmkco.org.

END OF ADDENDUM 1

Seismic Rehabilitation Grant Application

775 Summer St NE, Suite 200
Salem, OR 97301-1280

Section A: Applicant

Three Rivers - Josephine County Unit Joint School District
Legal Organization Name

Three Rivers School District
DBA (if Applicable)

Fort Vannoy Elementary School
Building or Facility Name

05033670
State Tax Number (eg. 11-111111)

93-6000541
Federal Tax Number

Address Line 1: **5250 Upper River Road**

Address Line 2:

City: **Grants Pass** State: **OR**

Zip: **97526**

If submitting multiple applications, please indicate the priority ranking for this project (1st, 2nd etc)

Priority: 2nd

Type of Applicant:

- ☐ State Government
- ☐ Local Government
- ☐ School District
- ☐ Fire District
- ☐ Community College
- ☐ Private Non-Profit
- ☐ Other

Has applicant's jurisdiction received a voter approved levy for building maintenance or renovation?

☐ Yes ☐ No

Section B: Contacts

Main Contact:

Lisa Cross
Name

Accounting Manager
Title

541-862-3111 ext: 5260
Phone

lisa.cross@threerivers.k12.or.us
Email

Secondary Contact:

Sylas Allen
Name

ZCS Managing Principal
Title

541-479-3865
Phone

sya@zcsea.com
Email

Who will sign the Contract if Awarded:

Dave Valenzuela
Name

Superintendent
Title

541-862-3111 ext: 5217
Phone

david.valenzuela@threerivers.k12.or.us
Email

Address Line 1: **8550 New Hope Road** (or PO Box)

Address Line 2:

City: **Grants Pass** State: **OR**

Zip: **97527**

Section C: Community Information

Please provide the pertinent information for the community(ies) that will benefit from this mitigation activity.

Community Name	Area Served (sq miles)	Population Served	State Legislative District	US Congressional District
Grants Pass	**12**	**38,668**	**Senate - 2, House -3**	**4**

Does community have a FEMA approved natural hazard mitigation plan?

☐ Yes ☑ No

Describe any community-wide mitigation or awareness efforts and other mitigation projects occurring in the community:

Currently, the district is the process of a seismic rehabilitation project at one of our middle schools and we are updating buildings as funds become available. In addition, the local Grants Pass Water Treatment Plant is in the process of a restoration project to address seismic and other issues.

Section D: Property Information	
Building/Facility name:	**Fort Vannoy Elementary School**
Project address:	**5250 Upper River Road** **Grants Pass, OR 97526**

Legal description of property:

Tax Map: 36061600
Tax Lot: 00400

Year built:	**1967**
Date of most recent major remodel:	
Is the building over 50 years old?	☑ Yes ☐ No

If Yes: Is this building listed on the National Register of Historic Places, a National Historic Landmark, or considered an eligible, significant building by the State Historic Preservation Office?

No

Building use:	**School**		
Foundation type:	**Slab-on-grade & spread footings**		
Square feet:	**13,000**	Number of stories:	**1**

Type of construction:

RM1

Current replacement cost of structure:	**$ 4,680,000**
Replacement cost of contents stored in the building:	**$ 1,170,000**
Replacement cost of vehicles stored in the building:	

Are you planning to use the building as it is currently used for the next 10 years?	☑ Yes ☐ No

If No: Please Explain:

Is the building located in a hazard area? (e.g. tsunami, blood, landslide)	☐ Yes Specify: _____ ☐ No
Number of natural hazard losses:	

Describe:

Provide Photos showing the building from all sides (label each photo), provide close up photos of any vertical irregularities, and any connection points for additions attached to the original building. Minimum of 4 photos, maximum of 10.

Photos Attached? ☑ Yes ☐ No

Describe this building's value to the community. Does it have historical value? Is it utilized for uses outside of its primary function (such as a designated Red Cross Shelter)? Why is this building important to the community?

Fort Vannoy Elementary is out of the city limits in a very rural area. It is the only gathering spot and recreational facility for youth in the area. Families use the school year round for indoor and outdoor activities, and this site was used for food distribution during COVID.

Section E: RVS Information

Enter the DOGAMI Rapid Visual Screening (RVS) details for the project.
*If the retrofit includes different building parts with different building types, please enter the data for each part.
Details can be found at:
http://www.oregongeology.org/sub/projects/rvs/county/county-sites.htm
If your building does not have an RVS or has an incorrect RVS then complete these fields after running your Benefit Cost Analysis.

Building Part: (If Applicable*)	**C**		
Building Unique ID:	**Jose_sch10C**		
Seismicity Zone:	**High**		
(Please use the RVS 3rd Edition for this information – see map in the Application Guidance packet)			
Soil Type:	**D**		
RVS Building Type:	**RM1, W2**		
RVS Final Score:	**0.7**		
Collapse Potential:	**High (>10%)**		
Latitude:	**42.44728**		
Longitude:	**123.41508**		

Does the building have a basement?
☐ Yes ☐ No

Does the building have horizontal irregularities per RVS? What is the shape of the building when viewed from above? (e.g. rectangle, L-shaped)

Reentrant corners: other.

Does the building have vertical irregularities per RVS? Are there changes in elevation when the building is viewed from the side? If available, identify the vertical irregularity as moderate or severe per RVS.

Steps in elevation view: single change.

Are there unreinforced chimneys, parapets or heavy cladding?

None.

Section F: Mitigation Activity

Is the preliminary engineering report completed and attached?

☑ Yes ☐ No

What is the ASCE 41 performance level of this project?

(For schools the minimum retrofit performance level is "Life Safety" with the exception of shelter projects; for emergency service buildings and shelter projects the minimum retrofit performance level is "Immediate Occupancy") See Guidance Packet for details.

☐ Life Safety ☑ Immediate Occupancy

Describe any structural or non-structural seismic mitigation measures previously conducted, including the date:

No previous structural or non-structural seismic mitigation measures are known to have occurred.

Section G: Scope of Work

What are the main structural and non-structural deficiencies of the building as outlined in your engineering assessment?

See attached Exhibit D: Tier 1 Deficiency Table

What are the main structural and non-structural proposed fixes and do they address all known seismic deficiencies? If not, please describe how your proposal is the most cost effective approach to rehabilitation for your building.

(Meeting the Life Safety and Immediate Occupancy performance objectives requires addressing structural and non-structural issues that pose risk.)

See attached Exhibit D: Tier 1 Deficiency Table

Is the project ready to begin? Describe what planning, design, etc. has been completed to date.

Yes. A schedule has been outlined showing the feasibility to perform the design and construction work within the time available. As-built drawings have been developed based on the original drawings and field investigations. Structural systems have been evaluated to determine deficiencies. The attached structural drawings have been advanced to a level adequate to illustrate the feasibility and extent of the scope of work expected. These drawings could be quickly advanced to a permit and construction level upon notice to proceed.

Project Management Milestones

Briefly identify milestones by quarter, with start and end dates, which will be achieved within the 24 month performance period.

Quarter	Milestone	Start Date	End Date
1	**Grant Award Announcement, Owner-IFA Contract**	**5/1/22**	**7/30/22**
2	**Bond Sales, Notice to Proceed, Selection of Design Consultant**	**8/1/22**	**9/30/22**
3	**Start Rehabilitation Design / Destructive Investigations / Material Testing / Geotech Exploration / Hazmat Survey**	**10/1/22**	**12/31/22**
4	**Continue Rehabilitation Design**	**1/1/23**	**2/28/23**
5	**Finalize Rehabilitation Design / Select Contractor / Permit Submittal / Hasmat Mitigation**	**3/1/23**	**5/30/23**
6	**Procurement of Long Lead Construction Items / Start Construction**	**6/1/23**	**8/30/23**
7	**Finalize Construction of Rehabilitation Design**	**9/1/23**	**11/30/23**
8	**Finalize As-Built Documentation / Project Closeout**	**12/1/23**	**2/28/24**

Section H: Cost Estimate Summary

Category	Cost Estimate
Engineering	**$ 272,100**
Construction Management	**$ 60,500**
Construction	**$ 1,823,100**
Relocation	**$ 26,300**
Contingency	**$ 262,875**
Total Cost Estimate:	**$ 2,444,875**
Match Funds:	
Total Amount Requested from SRGP:	**$ 2,444,875**

Match Sources

Source	Funding Type	Amount
	Grand Total:	**$ 0**

NOTE: An engineering cost estimate must be attached to the application (may be included in the engineering report) with enough detail (ideally with quantities and unit costs) to document the credibility of the estimate. If you would like to make any comments on the cost estimate, please enter them below.

See Exhibit E: Cost Estimate (App. Section H)

Section I: Cost Efficiency Information

Is your Benefit Cost Analysis (BCA) completed and attached?

☑ Yes ☐ No

Provide comments regarding the information sources used to obtain the occupancy and budgetary information necessary for the BCA:

The BCA score and analysis worksheet have been incorporated into the structural evaluation report by ZCS Engineering and Architecture.
The occupancy and budgetary data was obtained from District's personnel utilizing up-to-date building information.

Benefit Cost Analysis Score:	**0.763**
Average Occupancy:	**13.25**
Annual Operating Budget:	**$ 1,092,237**

Contact who completed your BCA:

Jordan St John
Name

ZCS Designer
Title

541-479-3865
Phone

jordanstjohn@zcsea.com
Email

Section J: Maintenance Schedule & Costs

Identify entity that will perform any long-term maintenance and provide substantiating documentation that shows that the entity is accepting performance and budget responsibility:

Three Rivers School District maintenance department accepts responsibility as presented in the adopted budget documents.

Section K: Applicant Signature(s) and Certification

Please **print and sign <u>one</u> copy** to be mailed or hand delivered. Your **<u>digital</u>** copy **does <u>not</u> need to be signed**. Please save this file directly and include it on your CD or USB drive.

I (we) certify (applicant organization) supports the proposed project, has the legal authority to pledge matching funds (if providing match), and has the legal authority to apply for Seismic Rehabilitation Grant funds. I (we) further certify that any matching funds are available or will be available for proposed project. I understand that all State rules for contracting, auditing, and payment will apply to this project. I (we) certify that the information provided on the application materials is accurate.	 2-16-22 Signature Date Signature Date

Please mail (USPS/FedEx/UPS) or hand deliver 1 hard copy and 1 USB memory stick of application materials to:

Seismic Rehabilitation Grant Program
Business Oregon
775 Summer St. NE, Suite 200
Salem, Oregon 97301

Faxed grant applications will not be accepted.

Exhibit A:
Letters of Support
(App. Section C)

Fort Vannoy Elementary

5250 Upper River Road • Grants Pass, OR 97526
Office (541) 479-4440 • Fax (541) 471-2445

Principal: Alicia Timbs
Office Manager: Shirley Dastrup

To Whom It May Concern,

Our school, Fort Vannoy Elementary, is located in rural Josephine County and is a hub for families and students in the area. We are very proud of our facilities, utilizing space and maintaining buildings to the best of our ability. However, all 15 district buildings are aging, and we find ourselves with limited funding for construction. The proposed seismic upgrade would ensure safety for our students, staff, parents, and community members in the event of a natural disaster.

Thank you for your consideration,

Alicia Timbs

Alicia Timbs
Administrator, Fort Vannoy Elementary School

February 8, 2022

To Whom it May Concern:

I am writing a letter of support for the seismic retrofit grant for Fort Vannoy Elementary School. As the Three Rivers School District Chairperson, I am concerned with the ongoing safety of students, employees, and visitors of our district facilities. Our buildings are aging, yet we find ourselves in a difficult situation of having limited funding to support building upgrades. Without this funding, it is unlikely that our budget could provide needed resources to make improvements to fortify our structure, yet the impact of a catastrophic earthquake could be devastating.

In our rural community, the gymnasium is utilized heavily for both school and community activities. A seismic retrofit grant aware would provide vial resources that would significantly improve our facility. Any support you could provide would be greatly appreciated.

Thank you for your consideration of our grant request.

Sincerely,

Jennifer Johnstun, RN, CPHQ

Three Rivers School Board Director, Zone V

Exhibit B:
Figures
(App. Section D)

Figure 1: EAST ELEVATION

Figure 2: SOUTH ELEVATION

Figure 3: NORTH ELEVATION

Figure 4: GYMNASIUM INTERIOR

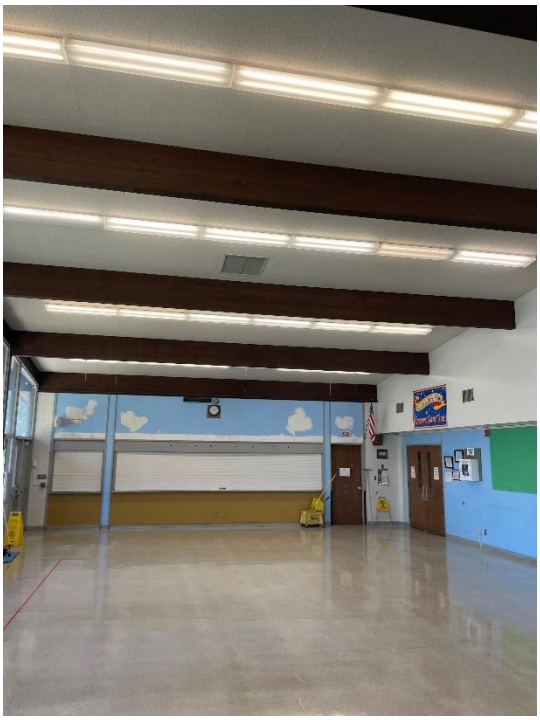


Figure 5: CAFETERIA INTERIOR

Figure 6: STAGE

Exhibit C:
Rapid Visual Screening
(App. Section E)

Ft Vannoy Elementary School

Three Rivers/Josephine County SD

Jose_sch10A

Building Type	County
School	Josephine

Street: 5250 Upper River Rd.

City	State	Zip
Grants Pass	OR	97526

Latitude	Longitude
42.44718	123.41408

Tracking Code	Inspection Date
RVS in 2006	7/28/2006

Seismicity Zone: High

FEMA 154 Rapid Visual Screening Score Card

	Type	Basic Score	Vert Irreg	Plan Irreg	Pre-Code	Post-Bench	Soil C	Soil D	Soil E	RVS Score
Primary	W2	3.8	-2	-0.5	0	0	0	-0.8	0	0.5
Secondary	RM1	2.8	-1	-0.5	0	0	0	-0.6	0	0.7
Tertiary		0	0	0	0	0	0	0	0	0

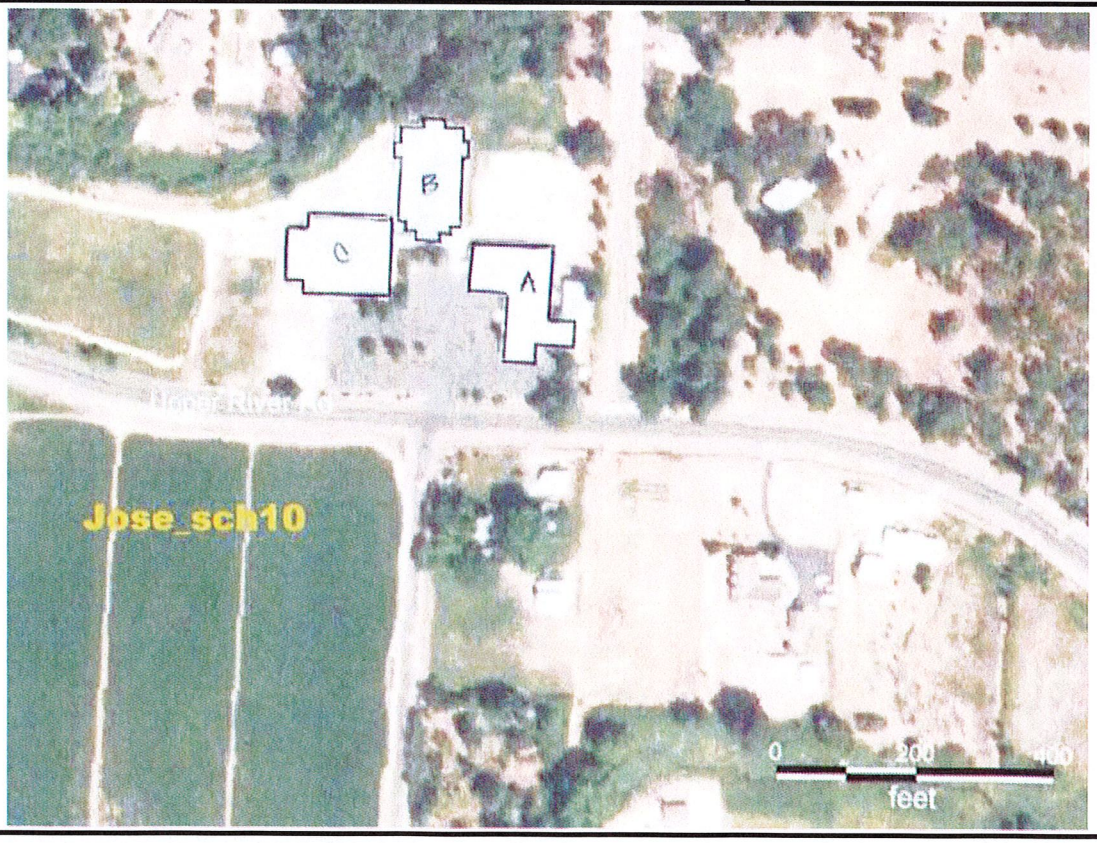
Ft Vannoy Elementary School

Final RVS Score

Final Type	Final Score
W2	0.5

FEMA-154 Collapse Potential

High (>10%)



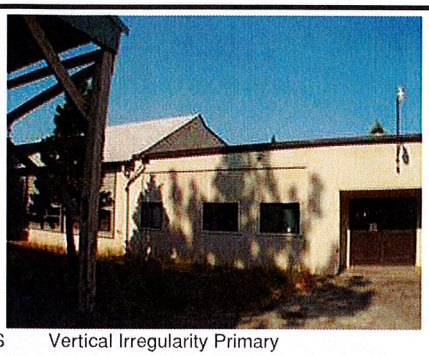
Ft Vannoy Elementary School

Jose_sch10A

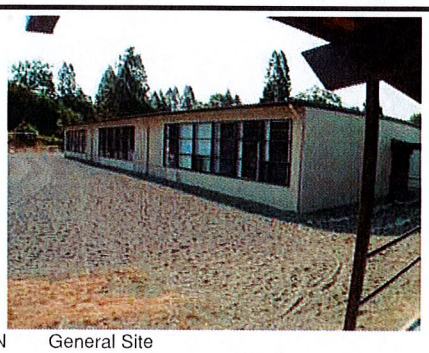
Enrollment	Year Built (Field Verified)	Year Built (Alt. Source)	Est. Decade Built
308		1967	1950
Total Area (square ft)	**Number of Stories**	**Basement**	**Pounding Potential**
40100	1	No	No

Plan Irregularities	Vertical Irregularities
Reentrant Corners: Other	Steps in Elevation View: Single Change
None	None
None	None

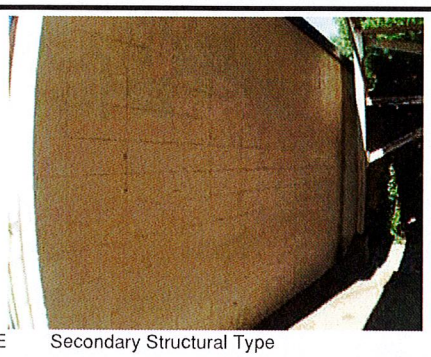
Falling Hazards	Poor Conditions
None	None
None	None
None	None



S Vertical Irregularity Primary



N General Site



E Secondary Structural Type

Ft Vannoy Elementary School

Three Rivers/Josephine County SD

Jose_sch10B

Building Type	County
School	Josephine

Street: 5250 Upper River Rd.

City	State	Zip
Grants Pass	OR	97526

Latitude	Longitude
42.44762	123.41461

Tracking Code	Inspection Date
RVS in 2006	7/28/2006

Seismicity Zone: High

FEMA 154 Rapid Visual Screening Score Card

	Type	Basic Score	Vert Irreg	Plan Irreg	Pre-Code	Post-Bench	Soil C	Soil D	Soil E	RVS Score
Primary	RM1	2.8	0	-0.5	0	0	0	-0.6	0	1.7
Secondary		0	0	0	0	0	0	0	0	0
Tertiary		0	0	0	0	0	0	0	0	0

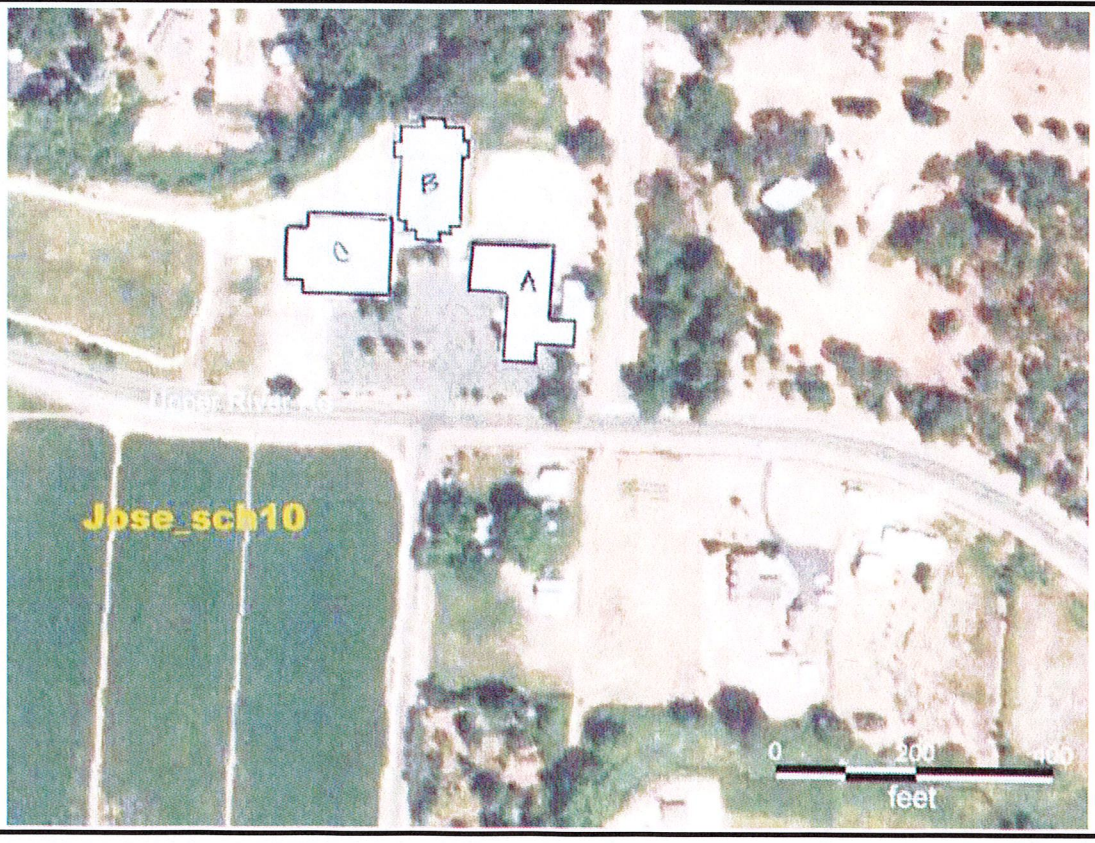
Ft Vannoy Elementary School

Final RVS Score

Final Type	Final Score
RM1	1.7

FEMA-154 Collapse Potential

Moderate (>1%)



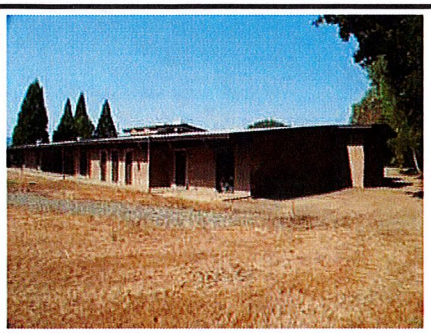
Ft Vannoy Elementary School

Jose_sch10B

Enrollment	Year Built (Field Verified)	Year Built (Alt. Source)	Est. Decade Built
308		1967	1970
Total Area (square ft)	**Number of Stories**	**Basement**	**Pounding Potential**
40100	1	No	No

Plan Irregularities	Vertical Irregularities
Out of Plane Lateral-Force-Resistance Elements	None
None	None
None	None

Falling Hazards	Poor Conditions
None	None
None	None
None	None



NE General Site

Ft Vannoy Elementary School

Three Rivers/Josephine County SD

Jose_sch10C

Building Type	County
School	Josephine

Street: 5250 Upper River Rd.

City	State	Zip
Grants Pass	OR	97526

Latitude	Longitude
42.44728	123.41508

Tracking Code	Inspection Date
RVS in 2006	7/28/2006

Seismicity Zone: High

FEMA 154 Rapid Visual Screening Score Card

	Type	Basic Score	Vert Irreg	Plan Irreg	Pre-Code	Post-Bench	Soil C	Soil D	Soil E	RVS Score
Primary	RM1	2.8	-1	-0.5	0	0	0	-0.6	0	0.7
Secondary		0	0	0	0	0	0	0	0	0
Tertiary		0	0	0	0	0	0	0	0	0

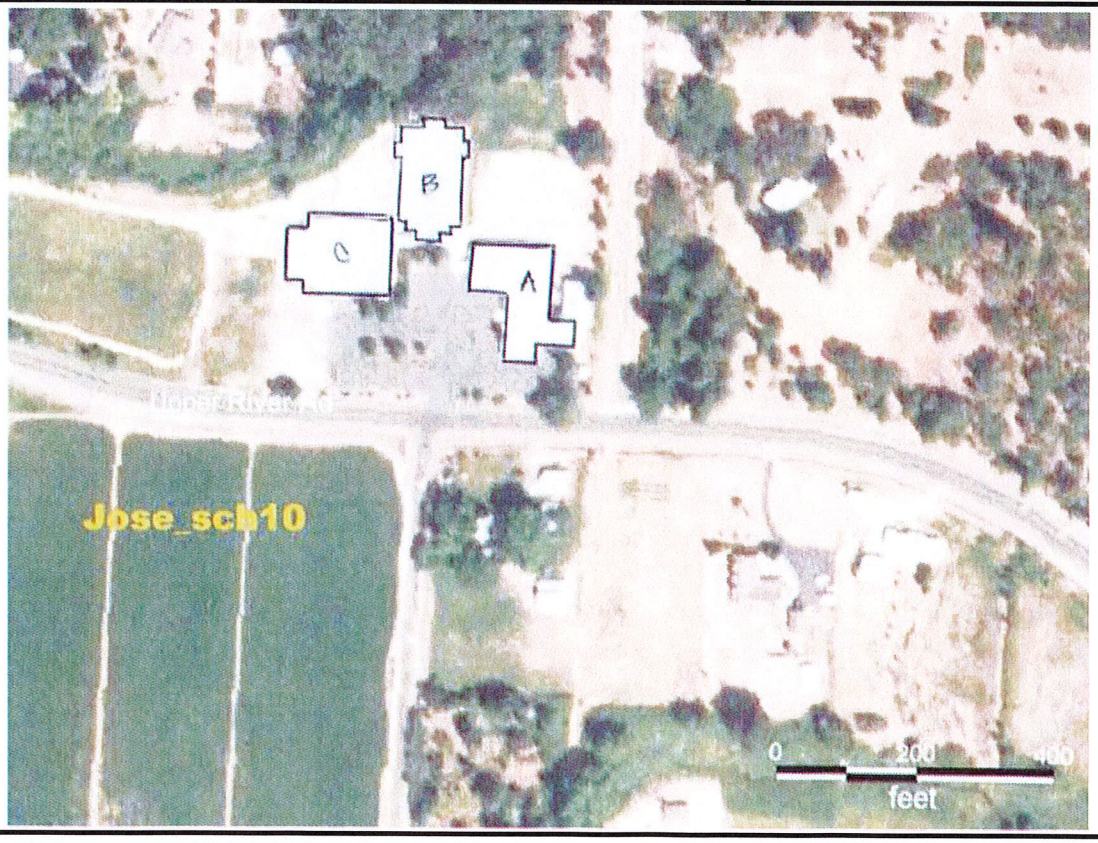
Ft Vannoy Elementary School

Final RVS Score

Final Type	Final Score
RM1	0.7

FEMA-154 Collapse Potential

High (>10%)



OregonGeology

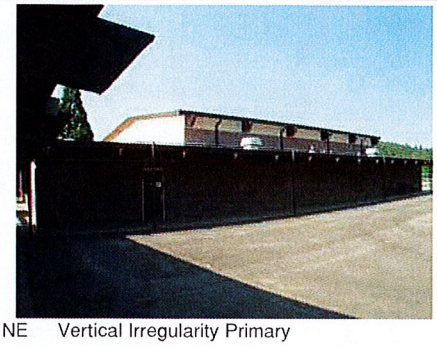
Ft Vannoy Elementary School

Jose_sch10C

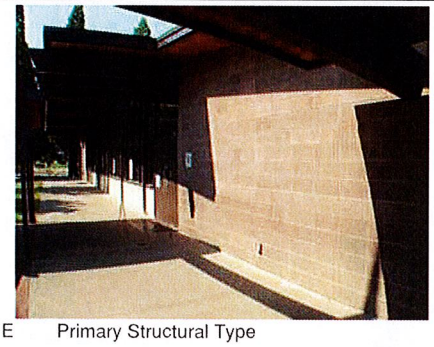
Enrollment	Year Built (Field Verified)	Year Built (Alt. Source)	Est. Decade Built
308		1967	1970
Total Area (square ft)	**Number of Stories**	**Basement**	**Pounding Potential**
40100	1	No	No

Plan Irregularities	Vertical Irregularities
Reentrant Corners: Other	Steps in Elevation View: Single Change
None	None
None	None

Falling Hazards	Poor Conditions
None	None
None	None
None	None



NE Vertical Irregularity Primary



E Primary Structural Type

Exhibit D:
Tier 1 Deficiency Table
(App. Section G)

Tier 1 Deficiency Description	Deficiency Statement	Repair Statement	Plan Key Note
LOAD PATH	The structure does not contain a complete, well-defined load path, including structural elements and connections, that serves to transfer the inertial forces associated with the mass of all elements of the building to the foundation.	Provide a complete, well-defined load path by installing new elements and connections as needed to transfer inertial forces from all elements of the building to the foundation.	S1
SHEAR STRESS CHECK	The shear stress in the shear walls, calculated using the Quick Check procedure of Section 4.4.3.3, is higher than the following values: Structural panel sheathing 1,000 lb/ft Diagonal sheathing 700 lb/ft Straight sheathing 100 lb/ft All other conditions 100 lb/ft	Install new plywood shear walls to ensure adequate shear capacity.	S2
ROOF CHORD CONTINUITY	Chord elements are discontinuous.	Install new drag elements at discontinuous chords.	S3
STRAIGHT SHEATHING	Not all straight-sheathed diaphragms have aspect ratios less than 1-to-1 in the direction being considered.	Install new plywood diaphragm sheathing.	S4
SPANS	Not all wood diaphragms with spans greater than 12 ft consist of wood structural panels or diagonal sheathing.	Install new plywood diaphragm sheathing.	S5
SHEAR STRESS CHECK	The shear stress in the reinforced masonry shear walls, calculated using the Quick Check procedure of Section 4.4.3.3, is greater than 70 lb/in.2	Provide additional lateral resisting elements.	S6
WALL ANCHORAGE	Exterior concrete or masonry walls that are dependent on the diaphragm for lateral support are not anchored for out-of-plane forces at each diaphragm level with steel anchors, reinforcing dowels, or straps that are developed into the diaphragm. Connections do not have strength to resist the connection	Install new out-of-plane anchorage.	S7

	force calculated in the Quick Check procedure of Section 4.4.3.7.		
WOOD LEDGERS	The connection between the wall panels and the diaphragm induces cross-grain bending or tension in the wood ledgers.	Install new out-of-plane anchorage.	S8
TRANSFER TO SHEAR WALLS	Diaphragms are not connected for transfer of seismic forces to the shear walls, or the connections are not able to develop the lesser of the shear strength of the walls or diaphragms.	Install new hardware for transfer of seismic forces from diaphragm to shear walls.	S9
PLAN IRREGULARITIES	There is not tensile capacity to develop the strength of the diaphragm at reentrant corners or other locations of plan irregularities.	Provide additional lateral resisting elements.	S10
CROSS TIES	There are not continuous cross ties between diaphragm chords.	Provide new continuous cross ties between diaphragm chords.	S11
STRAIGHT SHEATHING	Not all straight-sheathed diaphragms have aspect ratios less than 1-to-1 in the direction being considered.	Install new plywood diaphragm sheathing.	S12
SPANS	Not all wood diaphragms with spans greater than 12 ft consist of wood structural panels or diagonal sheathing.	Install new plywood diaphragm sheathing.	S13
INDEPENDENT SUPPORT	Light fixtures that weigh more per square foot than the ceiling they penetrate are not supported independent of the grid ceiling suspension system by a minimum of two wires at diagonally opposite corners of each fixture.	Provide independent support for light fixtures.	N1

PENDANT SUPPORTS	Light fixtures on pendant supports are not attached at a spacing equal to or less than 6 ft. Unbraced suspended fixtures are not free to allow a 360-degree range of motion at an angle not less than 45 degrees from horizontal without contacting adjacent components. Alternatively, if rigidly supported and/or braced, they are not free to move with the structure to which they are attached without damaging adjoining components. The connection to the structure is not capable of accommodating the movement without failure.	Provide independent support for light fixtures.	N2
LENS COVERS	Lens covers on light fixtures are not attached with safety devices.	Install safety devices for light fixture lens covers.	N3
OVERHEAD GLAZING	Glazing panes of any size in curtain walls and individual interior or exterior panes more than 16ft.2 in area are not laminated annealed or laminated heat-strengthened glass or are not detailed to remain in the frame when cracked.	Remove glazing and replace with new safety glass windows system.	N4
TALL NARROW CONTENTS	Contents more than 6 ft high with a height-to-depth or height-to-width ratio greater than 3-to-1 are not anchored to the structure or to each other.	Anchor contents to the structure.	N5
FALL-PRONE CONTENTS	Equipment, stored items, or other contents weighing more than 20lb whose center of mass is more than 4 ft above the adjacent floor level are not braced or otherwise restrained.	Brace equipment to structure.	N6
SUSPENDED CONTENTS	Items suspended without lateral bracing are not free to swing from or move with the structure from which they are suspended without damaging themselves or adjoining components.	Ensure that items are free to swing from structure without damaging themselves or adjoining components.	N7
FALL-PRONE EQUIPMENT	Equipment weighing more than 20 lb whose center of mass is more than 4 ft above the adjacent floor level, and	Brace and anchor equipment weighing more than 20 lb, whose center of mass is more	N8

	which is not in-line equipment, is not braced.	than 4 ft above the adjacent floor level.	
TALL NARROW EQUIPMENT	Equipment more than 6ft high with a height-to-depth or height-to-width ratio greater than 3-to-1 is not anchored to the floor slab or adjacent structural walls.	Anchor equipment more than 6ft high with a height-to-depth or height-to-width ratio greater than 3-to-1 to the floor slab or adjacent structural walls.	N9
SUSPENDED EQUIPMENT	Equipment suspended without lateral bracing is not free to swing from or move with the structure from which it is suspended without damaging itself or adjoining components.	Ensure that equipment is free to swing from structure without damaging itself or adjoining components.	N10
HEAVY EQUIPMENT	Floor-supported or platform-supported equipment weighing more than 400lb is not anchored to the structure.	Anchor floor-supported equipment weighing more than 400lb to the structure.	N11

Exhibit E:
Cost Estimate
(App. Section H)

ENGINEER'S OPINION OF PROBABLE COST - FORT VANNOY ELEMENTARY SCHOOL SEISMIC REHABILITATION

SUMMARY

Description	Deficiencies (Ref. Seismic Evaluation Report Sec. 4.0)	Quantity	Units	Unit Price	Total Price for Construction Item
GENERAL CONDITIONS					
General Conditions		10%	%		$ 136,067.00
Preconstruction Services		2%	%		$ 27,213.40
Escalation		7%	%		$ 106,676.53
Bonding & Insurance		3%	%		$ 45,718.51
Contractor Profit & Overhead		5%	%		$ 76,197.52
			General Conditions Subtotal		$ 391,872.96
Non-Structural Elements					
Misc MEP	N5, N6,N7, N8, N9, N10, N11	1	Lump Sum	$ 71,200.00	$ 71,200.00
Misc Non-Structural	N1, N2, N3	1	Lump Sum	$ 28,500.00	$ 28,500.00
New Restroom	S1, S3, S4, S5	2	EA	$ 25,000.00	$ 50,000.00
			Non-Structural Subtotal		$ 149,700.00
Construction Cost Per Building Part					
			Building Part 'GYMNASIUM' Subtotal		$ 1,210,970.00
			Sub-Total Construction Cost		$ 1,752,500.00
			Contingency	15%	$ 262,875.00
			Total Construction Cost		$ 2,015,375.00
Cost Estimate Summary					
Engineering					$ 272,100.00
Architectural Consulting				$ 30,200.00	
Structural / Rehabilitation Engineering				$ 221,700.00	
Geotechnical Consulting				$ 10,100.00	
Materials Testing for Design				$ 10,100.00	
Construction Management					$ 60,500.00
Construction					$ 1,823,100.00
Sub-Total Construction Cost				$ 1,752,500.00	
Special Inspection Services for Construction				$ 10,100.00	
Permitting Fees				$ 60,500.00	
Relocation of FF&E					$ 26,300.00
Contingency					$ 262,875.00
			Total Project Funding Requirement		**$ 2,444,875.00**

ENGINEER'S OPINION OF PROBABLE COST - FORT VANNOY ELEMENTARY SCHOOL SEISMIC REHABILITATION

BUILDING PART - 'GYMNASIUM'

Description	Deficiencies (Ref. Seismic Evaluation Report Sec. 4.0)	Quantity	Units	Unit Price	Total Price for Construction Item
Demolition & Asbestos Abatement					
Soft Demolition	S1, S2, S3, S6, S7, S8, S9, S10	7250	Square Foot	$ 2.00	$ 14,500.00
Hard Demolition	S1B, S9B	160	Square Foot	$ 20.00	$ 3,200.00
Built-Up Roof Demo	S4, S5, S12, S13	18720	Square Foot	$ 4.00	$ 74,880.00
Abatement	S1, S2, S3, S6, S7, S8, S9, S10	7250	Square Foot	$ 5.00	$ 36,250.00
			Demolition & Asbestos Subtotal		$ 128,830.00
Foundation / Floor Strengthening Construction					
Flooring Protection	S1, S2, S3, S6, S7, S8, S9, S10	1400	Square Foot	$ 6.00	$ 8,400.00
Spread Footings for Columns / Holdown	S1B, S9B	26	Each	$ 4,000.00	$ 104,000.00
Concrete Repair & Patching	S1B, S9B	160	Square Foot	$ 15.00	$ 2,400.00
Floor Finish Patch / Replacement	S1B, S9B	160	Square Foot	$ 7.00	$ 1,120.00
			Foundation Level Subtotal		$ 115,920.00
Wall Strengthening Construction					
Sheathing of Existing Walls	S2, S6	750	Square Foot	$ 5.00	$ 3,750.00
Light Steel Columns	S1B, S9B	26	EA	$ 1,600.00	$ 41,600.00
Interior Wall Finish Repair	S2, S6	750	Square Foot	$ 2.00	$ 1,500.00
New Windows - Storefront	N4	860	Square Foot	$ 70.00	$ 60,200.00
Painting	S2, S6, N4	750	Square Foot	$ 3.00	$ 2,250.00
			Wall Strengthening Subtotal		$ 109,300.00
Roof Strengthening Construction					
New Roof Sheathing	S4, S5, S12, S13	18720	Square Foot	$ 4.00	$ 74,880.00
New 3-ply Built Up Roof	S4, S5, S12, S13	18720	Square Foot	$ 17.00	$ 318,240.00
New 6" polyisociurinate rigid insulation	S4, S5, S12, S13	18720	Square Foot	$ 15.00	$ 280,800.00
Diaphragm Attachments - In-Plane Shear	S1, S9	1300	Linear Foot	$ 20.00	$ 26,000.00
Diaphragm Attachments - Out-of-Plane	S7, S8	1300	Linear Foot	$ 50.00	$ 65,000.00
Existing Beam Strengthening	S14	4	EA	$ 15,000.00	$ 60,000.00
New Drag Beam Attachments	S3, S10, S11	5	EA	$ 2,500.00	$ 12,500.00
Ceiling Repair	S1, S3, S7, S8, S9, S10, S11	6500	Square Foot	$ 3.00	$ 19,500.00
			Roof Strengthening Subtotal		$ 856,920.00
			Building Part 'GYMNASIUM' - Total Construction Cost		$ 1,210,970.00

Exhibit F:
Benefit Cost Analysis and Supporting Documentation (App. Section I)

Oregon Seismic Rehabilitation Grant Application: Benefit-Cost Analysis

Entity:	Three Rivers School District		
Point of Contact	Dave Valenzuela, Superintendent		
Telephone:	541-862-3111 Ext. 5217		
E-Mail:	dave.valenzuela@threerivers.k12.or.us		
BCA File Name:	BCA File Fort Vannoy ES-2022	BCA Date:	2/8/2022

Building Name:	Fort Vannoy Elementary School
Site ID:	Jose_sch10
Facility Use:	School

Is the Building in the Oregon BCA Tool Database: Yes or No? **Yes**

How Many Structurally Different Building Parts Are There?

User-Defined	Database
	3

Unique Building ID Number	Building Part Square Footage	Percent of Total SF	Percent of Occupancy	Percent of Operating Budget	Building Part Being Retrofitted?
Jose_sch10A	12,900	34.27%	34.27%	34.27%	No
Jose_sch10B	11,785	31.31%	31.31%	31.31%	No
Jose_sch10C	12,953	34.41%	34.42%	34.42%	Yes
Totals:	37,638	100.00%	100.00%	100.00%	

Seismic Retrofit Cost Estimate per SRGP Application: **$2,444,875**

Benefit-Cost Analysis: Summary Results
Fort Vannoy Elementary School

Building Part	Benefits
Jose_sch10A	
Jose_sch10B	
Jose_sch10C	$1,864,546
Total Benefits	**$1,864,546**
Total Cost	**$2,444,875**
Benefit-Cost Ratio	**0.763**

Benefits by Category Avoided Damages and Losses	
Building Damage	$396,598
Contents Damage	$99,149
Displacement Costs	$50,176
Loss of Function Costs	$14,660
Casualties	$1,303,963
Total	**$1,864,546**

Occupancy Data

For benefit-cost analysis, the average occupancy on a 24/7/365 basis is used for casualty calculations.
Enter data below ONLY for the occupancy categories applicable to this building - all other green cell entries should be left blank.
There are entries below for: employees, visitors, students, meetings or special events and patients.

NOTE: for buildings with similar occupancies each month, complete the tables on the left side only.

NOTE: For buildings with different summer occupancies, complete the tables both on the left and right sides. If this does not apply, enter "0" for number of summer months

Employees: 12 Months per Year or Academic Year for Schools				
Day of Week	Time of Day	Hours per Day	Average Employees in Building	Calculated 24/7/365 Occupancy
Monday - Friday	Day	9.5	24	5.639
Monday - Friday	Evening	8	1	0.198
Monday - Friday	Night			
Saturday	Day			
Saturday	Evening			
Saturday	Night			
Sunday	Day			
Sunday	Evening			
Sunday	Night			
			Subtotal:	5.837

Employees: Summer Months			Number of Months:	2
Day of Week	Time of Day	Hours per Day	Average Employees in Building	Calculated 24/7/365 Occupancy
Monday - Friday	Day	3	13	0.193
Monday - Friday	Evening			
Monday - Friday	Night			
Saturday	Day			
Saturday	Evening			
Saturday	Night			
Sunday	Day			
Sunday	Evening			
Sunday	Night			
			Subtotal:	0.193

Visitors: 12 Months per Year or Academic Year for Schools			
Day of Week	Average Number of Visitors Per Day	Average Time in Building (Minutes)	Calculated 24/7/365 Occupancy
Monday - Friday	10	60	0.247
Saturday			
Sunday			
		Subtotal:	0.247

Visitors: Summer Months		Number of Months:	2
Day of Week	Average Number of Visitors Per Day	Average Time in Building (Minutes)	Calculated 24/7/365 Occupancy
Monday - Friday			
Saturday			
Sunday			
		Subtotal:	

K-12 Students: Academic Year	
Average Daily Number of Students:	275
Hours per Day:	7
Days per Year:	144
Calculated 24/7/365 Occupancy:	31.644

K-12 Students: Summer School	
Average Daily Number of Students:	40
Hours per Day:	4
Days per Year:	8
Calculated 24/7/365 Occupancy:	0.146

College Students: Academic Year				
Number of Weeks per Year of Classes:				
Course	Class Duration (hours)	Number of Class Periods per Week	Average Number of Students per Class	Calculated 24/7/365 Occupancy
1 Hr. Courses	1			
1.5 Hr. Courses	1.5			
2 Hr. Courses	2			
3 Hr. Courses	3			
Other	N/A			
Other	N/A			
			Subtotal:	

College Students: Summer School				
Number of Weeks per Year of Classes:				
Course	Class Duration (hours)	Number of Class Periods per Week	Average Number of Students per Class	Calculated 24/7/365 Occupancy
1 Hr. Courses	1			
1.5 Hr. Courses	1.5			
2 Hr. Courses	2			
3 Hr. Courses	3			
Other	N/A			
Other	N/A			
			Subtotal:	

Occupancy Data

Meetings, Sports Events etc.				
Event	Events per Year	People per Event	Average Duration per Event (hours)	Calculated 24/7/365 Occupancy
Parent Involvement	4	200	2	0.183
Open House	1	200	2	0.046
Legos Robotics	15	12	2	0.041
Destination Imaginat	15	10	2	0.034
Youth Basketball	60	15	1	0.103
Site Councel	5	10	1	0.006
Parent Teacher Orga	8	10	1	0.009
			Subtotal:	**0.421**

Patients			
		Total Number of In-Patient Beds:	
		Average Daily Number of In-Patients	
		Average Percentage Occupancy	
Day of Week	**Average Number of Out-Patients per Day**	**Average Time in Building (Hours)**	**Calculated 24/7/365 Occupancy**
Monday - Friday			
Saturday			
Sunday			
		Out-Patients:	
		In-Patients:	
		Total Patients:	

Occupancy Data

SUMMARY OCCUPANCY DATA:
Average 24/7/365 Occupancy

Occupancy Category	12 Months or Academic Year	Summer
Employees	5.837	0.193
Visitors	0.247	
Students: K-12	31.644	0.146
Students: College		
Meetings & Special Events	0.421	N/A
Patients		N/A
Subtotals:	38.150	0.339
Avg 24/7/365 Occupancy:	38.489	

DATA DOCUMENTATION: OCCUPANCY	
Provide brief documentation below and/or references to other documents included with your application (with page number), for the sources of the occupancy data and estimates.	
Employees: Numbers	
Employees: Hours Per Day	
Visitors: Number Per Day	
Visitors: Average Time in Building	
K-12 Students: Number	
K-12 Students: Hours Per Day	
K-12 Students: Days Per Year	
Additional Comments Re: above Occupancy Data	
College Student Occupancy Data	

Meetings, Sports Events and Other Special Events	
NOTES:	It is NOT necessary to provide separate documentation for every special event listed. Rather, provide an Overview Statement of the sources of special event occupancy estimates.
	Provide specific documentation for high occupancy events or very frequent events with high Calculated 24/7/365 Occupancy, especially for occupancies that appear "unusual" or potentially "out of bounds."
Overview Statement Re: Sources of Special Events Occupancy Estimates	

Hospital Patient Data	
Number of Patient Beds	
Average Daily Number of In-Patients	
Average Daily Number of Out-Patients	
Average Time in Building for Out-Patients	

Annual Operating Budget for this Facility

Employees:

	Classification	Number of FTEs[1]	Average Annual Salary per Employee	Total Benefits as Percent of Salary	Annual Salary and Benefits
1	Custodial	2	$40,799	48.00%	**$120,765**
2	Education Asst	6.2	$7,703	36.30%	**$65,095**
3	Food Services	4.5	$8,261	36.30%	**$50,669**
4	Multi Handicap Asst	2.72	$19,658	48.00%	**$79,135**
5	Other	4	$15,551	48.00%	**$92,062**
6	Licensed	16	$60,923	48.00%	**$1,442,657**
7					**$0**
8					**$0**
9					**$0**
10					**$0**
	Total Number of FTEs:	**35.42**		**Subtotal:**	**$1,850,383**

[1] FTEs: Full time equivalents

Other Building Expenses

Category		Annual Cost
Supplies		$30,507
Building Maintenance		$3,078
Utilities		$50,739
Insurance		$27,887
Rent		
Average Annual Capital Goods		$10,244
OTHER: specify below		
Percent of District Office/Headquarters Annual Operating Budget Attributed to This Building:	6.52%	**$251,947**
If rent is zero (building owned), a proxy rent is calculated automatically, based on the value of the building:		**$948,478**
	Subtotal:	**$1,322,880**

Total Building Annual Operating Budget:	**$3,173,262**

Annual Operating Budget for this Facility

For entities with multiple facilities, a fraction of the operating budget for a District Office of Headquarters building may be attributed to the building being retrofitted. That is, the annual operating budget for the building above may include part of the operating budget for the District Office or Headquarters Building. If so, complete the following tables:

District Office/Headquarters Building Employees

	Classification	Number of FTEs[1]	Average Annual Salary per Employee	Total Benefits as Percent of Salary	Annual Salary and Benefits
1	Classified Accounting	2	$48,433	48.00%	**$143,362**
2	Technology Personnel	7	$75,860	48.00%	**$785,910**
3	Classified DW Support	11	$19,605	48.00%	**$319,169**
4	Directors	5	$134,320	48.00%	**$993,968**
5	Confidential Personnel	9	$65,976	48.00%	**$878,800**
6					**$0**
7					**$0**
8					**$0**
9					**$0**
10					**$0**
	Total Number of FTEs:	**34.00**		**Subtotal:**	**$3,121,209**

District Office/Headquarters Building Expenses

Category		Annual Cost
Supplies		$1,000
Building maintenance		$2,500
Utilities		$42,567
Insurance		$30,422
Rent		
Average Annual Capital Goods		$5,000
OTHER: specify below		
Telephone		
Miscellaneous Equipment Leases		$280,166
Alarm Services		$22,827
Enter replacement value of building:	$5,121,814	
If rent is zero (building owned), a proxy rent is calculated		**$358,527**
	Subtotal:	**$743,009**

Total Annual Operating Budget for District Office/Headquarters Building:	**$3,864,218**

DOCUMENTATION: ANNUAL OPERATING BUDGET	
NOTE:	**The Annual Operating Budget is used as a "proxy" for the value of services provided from a building and is used to count the benefits of avoiding loss of service in future earthquake events.**
Operating Budget by Categories	
Percent of District Office or Headquarters Annual Operating Budget Attributed to the Facility	

Building Part A: Data for Benefit-Cost Analysis

Building Name:	**Fort Vannoy Elementary School**
Building ID:	**Jose_sch10A**
Building Part Name / Description:	**Original Classrooms**

Evaluation for Building Part A

Seismic Hazard Data		
Region of Seismicity	Moderately High	
PGA Ground Motion (g)	2% in 50 year	0.484
	5% in 50 year	0.332
	10% in 50 year	0.223
	20% in 50 year	0.110
Spectral Accelerations (g)	S_{xs}, 2% in 50 year	1.088
	S_{x1}, 2% in 50 year	0.705
	S_{xs}, 10% in 50 year	0.489
	S_{x1}, 10% in 50 year	0.313

Data Entry Item	User Entered Values	Default Values	Used for BCA
Site Data			
County		Josephine	Josephine
Decimal Latitude		42.44718	42.44718
Decimal Longitude		123.41408	123.41408
Soil Type		D	D
Construction Data			
Primary Structure Type (FEMA 154)		W2	W2
Number of Stories		1	1
Year Built		1967	1967
Rapid Visual Screening Data			
Severe Vertical Irregularity		No	No
Moderate Vertical Irregularity		Yes	Yes
Plan Irregularity		Yes	Yes
Pre-Code		No	No
Post-Benchmark		No	No
Building Data			
Historic Importance		None	None
Historic Adjustment Modifier	N/A	N/A	1.00
Building Square Footage - SF	12,900	N/A	12,900
Building Replacement - $/SF		$360.00	$360.00
Building Replacement Value - $	N/A	N/A	$4,644,000
Historic Building Replacement - $/SF	N/A	N/A	$360.00
Historic Building Replacement Value - $	N/A	N/A	$4,644,000
Contents Value - % of Building Value		25%	25%
Displacement Costs - $/SF/month		$2.50	$2.50
Displacement Costs - One Time		$3.00	$3.00
Average Annual Occupancy	13.19	13.19	13.19
Annual Operating Budget	$1,087,477	$1,087,600	$1,087,477
Seismic Fragility Curves			
Before Mitigation			
Slight Damage State		0.10	0.10
Moderate Damage State		0.16	0.16
Extensive Damage State		0.31	0.31
Complete Damage State		0.50	0.50
Beta		0.66	0.66
After Mitigation			
Retrofit Building Type		W2	W2
Retrofit Performance Objective		LS	LS
Slight Damage State		0.10	0.10
Moderate Damage State		0.16	0.16
Extensive Damage State		0.31	0.31
Complete Damage State		0.50	0.50
Beta		0.66	0.66

Data Documentation: Building Part A	
Provide brief documentation below and/or references to other documents included with your application (with page number), but ONLY for data entries in Column C, which replace the default values in Column D.	
Soil Type	
Primary Structure Type	
Number of Stories	
Year Built	
Severe Vertical Irregularity	
Moderate Vertical Irregularity	
Plan Irregularity	
Pre-Code	
Post-Benchmark	
Historic Importance (if not none)	
Building Square Footage	
Building Replacement Value $/SF	
Contents Value % of Building Value	
Displacement Costs One Time	
Displacement Costs $/SF/month	
Fragility Curve Parameters Before Mitigation	
Fragility Curve Parameters After Mitigation	
Other Comments	

Building Part B: Data for Benefit-Cost Analysis

Building Name:	**Fort Vannoy Elementary School**
Building ID:	**Jose_sch10B**
Building Part Name / Description:	**Classrooms**

Evaluation for Building Part B

Seismic Hazard Data		
Region of Seismicity	Moderately High	
PGA Ground Motion (g)	2% in 50 year	0.484
	5% in 50 year	0.332
	10% in 50 year	0.223
	20% in 50 year	0.110
Spectral Accelerations (g)	S_{xs}, 2% in 50 year	1.089
	S_{x1}, 2% in 50 year	0.706
	S_{xs}, 10% in 50 year	0.490
	S_{x1}, 10% in 50 year	0.313

Data Entry Item	User Entered Values	Default Values	Used for BCA
Site Data			
County		Josephine	Josephine
Decimal Latitude		42.44762	42.44762
Decimal Longitude		123.41461	123.41461
Soil Type		D	D
Construction Data			
Primary Structure Type (FEMA 154)		RM1	RM1
Number of Stories		1	1
Year Built		1967	1967
Rapid Visual Screening Data			
Severe Vertical Irregularity		No	No
Moderate Vertical Irregularity		No	No
Plan Irregularity		Yes	Yes
Pre-Code		No	No
Post-Benchmark		No	No
Building Data			
Historic Importance		None	None
Historic Adjustment Modifier	N/A	N/A	1.00
Building Square Footage - SF	11,785	N/A	11,785
Building Replacement - $/SF		$360.00	$360.00
Building Replacement Value - $	N/A	N/A	$4,242,600
Historic Building Replacement - $/SF	N/A	N/A	$360.00
Historic Building Replacement Value - $	N/A	N/A	$4,242,600
Contents Value - % of Building Value		25%	25%
Displacement Costs - $/SF/month		$2.50	$2.50
Displacement Costs - One Time		$3.00	$3.00
Average Annual Occupancy	12.05	12.05	12.05
Annual Operating Budget	$993,548	$993,594	$993,548
Seismic Fragility Curves			
Before Mitigation			
Slight Damage State		0.12	0.12
Moderate Damage State		0.14	0.14
Extensive Damage State		0.22	0.22
Complete Damage State		0.39	0.39
Beta		0.66	0.66
After Mitigation			
Retrofit Building Type		C2	C2
Retrofit Performance Objective		LS	LS
Slight Damage State		0.12	0.12
Moderate Damage State		0.14	0.14
Extensive Damage State		0.22	0.22
Complete Damage State		0.39	0.39
Beta		0.66	0.66

Data Documentation: Building Part B	
Provide brief documentation below and/or references to other documents included with your application (with page number), but ONLY for data entries in Column C, which replace the default values in Column D.	
Soil Type	
Primary Structure Type	
Number of Stories	
Year Built	
Severe Vertical Irregularity	
Moderate Vertical Irregularity	
Plan Irregularity	
Pre-Code	
Post-Benchmark	
Historic Importance (if not none)	
Building Square Footage	
Building Replacement Value $/SF	
Contents Value % of Building Value	
Displacement Costs One Time	
Displacement Costs $/SF/month	
Fragility Curve Parameters Before Mitigation	
Fragility Curve Parameters After Mitigation	
Other Comments	

Building Part C: Data for Benefit-Cost Analysis

Building Name:	**Fort Vannoy Elementary School**
Building ID:	**Jose_sch10C**
Building Part Name / Description:	**Gymnasium**

Evaluation for Building Part C

Seismic Hazard Data		
Region of Seismicity	Moderately High	
PGA Ground Motion (g)	2% in 50 year	0.484
	5% in 50 year	0.332
	10% in 50 year	0.223
	20% in 50 year	0.110
Spectral Accelerations (g)	S_{xs}, 2% in 50 year	1.089
	S_{x1}, 2% in 50 year	0.706
	S_{xs}, 10% in 50 year	0.490
	S_{x1}, 10% in 50 year	0.313

Data Entry Item	User Entered Values	Default Values	Used for BCA
Site Data			
County		Josephine	Josephine
Decimal Latitude		42.44728	42.44728
Decimal Longitude		123.41508	123.41508
Soil Type		D	D
Construction Data			
Primary Structure Type (FEMA 154)		RM1	RM1
Number of Stories		1	1
Year Built		1967	1967
Rapid Visual Screening Data			
Severe Vertical Irregularity		No	No
Moderate Vertical Irregularity		Yes	Yes
Plan Irregularity		Yes	Yes
Pre-Code	Yes	No	Yes
Post-Benchmark		No	No
Building Data			
Historic Importance		None	None
Historic Adjustment Modifier	N/A	N/A	1.00
Building Square Footage - SF	12,953	N/A	12,953
Building Replacement - $/SF		$360.00	$360.00
Building Replacement Value - $	N/A	N/A	$4,663,080
Historic Building Replacement - $/SF	N/A	N/A	$360.00
Historic Building Replacement Value - $	N/A	N/A	$4,663,080
Contents Value - % of Building Value		25%	25%
Displacement Costs - $/SF/month		$2.50	$2.50
Displacement Costs - One Time		$3.00	$3.00
Average Annual Occupancy	13.25	13.25	13.25
Annual Operating Budget	$1,092,237	$1,092,068	$1,092,237
Seismic Fragility Curves			
Before Mitigation			
Slight Damage State		0.11	0.11
Moderate Damage State		0.13	0.13
Extensive Damage State		0.20	0.20
Complete Damage State		0.35	0.35
Beta		0.66	0.66
After Mitigation			
Retrofit Building Type	**RM1**	C2	RM1
Retrofit Performance Objective	**IO**	LS	IO
Slight Damage State		0.33	0.33
Moderate Damage State		0.52	0.52
Extensive Damage State		1.10	1.10
Complete Damage State		1.83	1.83
Beta		0.62	0.62

Data Documentation: Building Part C	
Provide brief documentation below and/or references to other documents included with your application (with page number), but ONLY for data entries in Column C, which replace the default values in Column D.	
Soil Type	
Primary Structure Type	
Number of Stories	
Year Built	
Severe Vertical Irregularity	
Moderate Vertical Irregularity	
Plan Irregularity	
Pre-Code	This building was constructed prior to the statewide adopted building code.
Post-Benchmark	
Historic Importance (if not none)	
Building Square Footage	
Building Replacement Value $/SF	
Contents Value % of Building Value	
Displacement Costs One Time	
Displacement Costs $/SF/month	
Fragility Curve Parameters Before Mitigation	
Fragility Curve Parameters After Mitigation	
Other Comments	

THREE RIVERS SCHOOL DISTRICT
SEISMIC REHABILITATION PROJECT
FORT VANNOY ELEMENTARY SCHOOL
DESIGN SERVICES PRE-PROPOSAL CONFERENCE
SIGN IN
AUGUST 28, 2024

Company: ZCS Engineering & Architecture Contact: Stephen Chase
Address: 127 NW D Street, Grants Pass, OR 97526
Email: Stephenchase@zcsea.com
Phone: 541-479-3865 Cell: 971-227-2800

Company: Ausland Group Contact: Tevah Jones
Address: 3935 Highland Avenue, Grants Pass, OR 97526
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Company: WRK Engineers Contact: Spencer Straub
Address: 215 W 12th Street, Suite 202, Vancouver, WA 98660
Email: spencers@wrkengrs.com
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Company: Contact:
Address:
Email:
Phone: Cell:

Company: Contact:
Address:
Email:
Phone: Cell:

Company: Contact:
Address:
Email:
Phone: Cell:

The District will only accept Proposals from those firms who signed in at the Mandatory Pre-Proposal Conference. The District will not accept responses where an attendee subrogates their attendance to a firm not in attendance.