

Cal Sheet Metal

Date: February 04, 2021

To: DPR Construction

Attn: Estimating Dept.

Subject: Gene Theory Campus



DPR Self-Perform Work Group is pleased to provide this proposal for the following scope of work:

ITEM #	CP-2 DRAWING PACKAGE DESCRIPTION	\$ AMOUNT
001	Engineering, Shop Drawings, Detailing, Submittals for Fiber Cement Panel Cladding System	\$ 79,790.00
002	Air and Vapor Barrier	\$ 325,855.00
003	Continuous Insulation on Z-Furring	\$ 697,419.00
004	Black-out Mesh	\$ 128,668.00
005	Fiber Cement Panels on Hat Channels/Exposed Fasteners	\$ 1,667,300.00
006	Sheet Metal & Flashing	\$ 50,454.00
007	Preformed Joint Systems	\$ N/A
008	Mockups	\$ 42,003.00
	Other (please list):	\$
	Total Gross Base Bid Amount	\$ 2,981,489.00

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007	Preformed Joint Systems	\$ N/A
008	Mockups	\$ 42,003.00
	Other (please list):	\$
	Total Gross Base Bid Amount	\$ 2,981,489.00
	CCIP Deduct per CCIP Manual – Form "B"	<\$ 29,452.00>
	Total Net Base Bid Amount	\$ 2,952,037.00
	Combined Bid Package Total	NET \$ 4,149,978.00

Net base bid amounts exclude workers compensation, general liability and other insurances covered by the CCIP, including tiered contractors. The successful bidder agrees to fill out Form B in the manual prior to award.

_____(Initial)

See Subcontract Section 3.2 for Subcontract Price.

2. ALTERNATES

The Alternates listed below reflect scopes of work changes and the corresponding lump sum dollar amount adjustments that, at DPR's sole discretion, may be used to adjust the Subcontract Scope and Price. These dollar amounts include all overhead and profit markups allowed by the Subcontract.

ALTERNATE #	ALTERNATE DESCRIPTION	ADD/ DEDUCT	\$ AMOUNT
001	Furnish and install spray-applied silicone air barriers (if they have a NFPA 285 test for this type of wall assembly) in lieu of self-adhered system specified, CP-1.	DEDUCT	\$ 900.00
002	Furnish and install spray-applied silicone air barriers (if they have a NFPA 285 test for this type of wall assembly) in lieu of self-adhered system specified, CP-21.	DEDUCT	\$ 5,112.00
003	Credit to remove black-out mesh from wall assembly if determined at time of mockup not to be needed, CP-1.	DEDUCT	\$ 44,062.00

004	Credit to remove black-out mesh from wall assembly if determined at time of mockup not to be needed, CP-2.	DEDUCT	\$ 128,668.00
005	Credit to delete black paint of exposed fasteners, CP-1.	DEDUCT	\$ N/A
006	Credit to delete black paint of exposed fasteners, CP-2.	DEDUCT	\$ N/A
007	Credit to delete requirement for mitered corners at panel intersections, CP-1.	DEDUCT	\$ 6,110.00
008	Credit to delete requirement for mitered corners at panel intersections, CP-2.	DEDUCT	\$ 12,500.00
SUBCONTRACTOR PROPRIETARY & VOLUNTARY ALTERNATES			
<p>Cost savings and value engineering ideas are highly encouraged on this project, and will be seriously considered. Please indicate any alternative systems, methods, etc. that would generate cost savings and provide the amount in the Section below. All Voluntary Alternates presented by this Subcontractor will be kept confidential.</p>			

3. ALLOWANCES

The Allowances listed below reflect estimated dollar amounts for scopes of work that have yet to be fully defined. These amounts are included in Subcontract Price, and shall include all costs with markups as defined in the applicable terms of the Prime Contract. Charges against these allowances must be accompanied by estimate documentation pre-approved by DPR prior to the work being performed. Reconciliation of Allowance amounts to actual costs shall be accomplished by Change Order, and shall be in accordance to the applicable terms of the Prime Contract.

ALLOW #	ALLOWANCE DESCRIPTION	\$ AMOUNT
	None	

4. BID INFORMATION

Please provide the following information regarding your bid. This information will be utilized by DPR in analyzing this bid.

DESCRIPTION	QTY	UNIT	COMMENTS
Quantities:			
Fiber Cement Panel Systems, Vertical & Horizontal – CP-1	11,770	SF	
Fiber Cement Panel Systems, Vertical & Horizontal – CP-2	33,634	SF	
Schedule:			
Shop Drawing / Submittal Preparation	50	Work Days	
Fabrication / Delivery	90-115	Work Days	
Total Field Man-hours to Complete Work		Hours	
Average Crew Size	4-6	Each	
Peak Crew Size	8-12	Each	

5. LABOR RATES

Unless provisions of the Prime Contract provide for other methods of determining Subcontractor labor rates, the rates listed below will be used as the basis for determining reimbursable costs and for calculating the value of any labor changes to the Subcontract Price. These rates apply for the duration of the project. All costs including but not necessarily limited to all labor burdens, fringes, union benefits, payroll taxes, workers' compensation and liability insurance, etc. shall be reflected in these rates. The rates shall also include costs associated with all direct and indirect job expenses such as warranty and administration costs, small tools, training, consumables, travel time, pick-up trucks, delivery charges, cartage, detailing, as-built drawings, shop burdens, safety (including meetings), parking, supervision (both on-site and off-site), and other associated field office expenses (no additional add-ons will be allowed when pricing change orders). **These rates shall not include a mark-up for overhead (i.e. home office administration, estimating, and management), profit or fee.**

Labor rates are to EXCLUDE insurances that are covered by the CCIP.

(Bidders – list all positions. Revise positions as required)	CREW MIX	STRAIGHT TIME	OVER TIME (TIME + ½)	DOUBLE TIME
ONSITE LABOR (EXCLUDE INSURANCES COVERED BY CCIP)				
General Foreman	%	\$	\$	\$
Foreman	%	\$	\$	\$
Journeyman COMPOSITE	%	\$ 80.35	\$ 101.64	\$ 122.93
Apprentice	%	\$	\$	\$
Laborer	%	\$	\$	\$
OFFSITE LABOR				
Detailer / CAD	%	\$ 75.00	\$ 112.50	\$ 150.00
Shop Rate	%	\$ 115.11	\$ 137.20	\$ 159.20
Design/Engineering	%	\$	\$	\$

Attach a separate list of Equipment Rates if applicable.

6. UNIT PRICES

The Unit Prices listed below include all labor, material, equipment, overhead, profit and any other costs required to perform the work described and shall be used to calculate the Subcontract Price adjustment for all changes in the work performed under a Unit Price compensation basis.

UNIT PRICE #	UNIT PRICE DESCRIPTION	\$/UNIT	UNIT
001	Additional mobilization	\$ 5,500.00	EA
002	Self-Adhered Vapor Barrier per Specifications	\$ 985	SF
003	Spray Applied Silicone Vapor Barrier, Alternate	\$ 972	SF
004	Continuous Insulation on Z-furring, Insulation thickness to meet specifications	\$ 21.34	SF
005	Black-out Mesh	\$ 380	SF
006	Fiber Cement Panel with Mitered Corners (indicate amount of increase of waste/non-usable panels with mitered corner requirement)	0	SF
007	Fiber Cement Panel with Standard Edges at Corner Conditions		SF
Subcontractor to Add Others as Necessary/Pertinent			

7. CHANGE ORDER MARKUPS:

Subcontractors combined overhead and profit percentage markups used to calculate change order amounts shall be limited to the percentages allowed by the Prime Contract but, in no case shall they exceed the below listed rates. Cost items to be covered by the Overhead portion of the below percentage markups, and not to be separately itemized in change order pricing, are stipulated in Section 6.4 of the Agreement.

DESCRIPTION	OVERHEAD & PROFIT	
	Additive	Deductive
Labor	15 %	15 %
Material	15 %	15 %
Equipment	15 %	15 %
First Tier Subcontractors	5 %	5 %

When submitting a Change Order request, Subcontractor shall include in clear and precise detail, breakdowns of labor, materials equipment, sub-tiers, suppliers, fees, etc. Cost of work for the Change Order request excludes insurance costs covered by the CCIP. Each change order request will include a separate line item identifying the value of the excluded insurance.

8. LOWER TIER SUBCONTRACTORS

The below listed lower tier subcontractors are approved for the indicated scopes of work under this Subcontract.

COMPANY NAME	CONTACT	PHONE	SCOPE OF WORK
			Erection
			Crane

9. KEY PERSONNEL

The list of Key Personnel who are assigned to this project pursuant to Subcontract Section 13.1 is provided below.

PERSONNEL	ROLE	ON SITE %
MARK AUSTGEN	VP OPERATIONS	5 %
MILKE PERKINS	GENERAL FOREMAN	15-25 %

10. MINORITY BUSINESS ENTERPRISE:

The following subcontract work will be performed by Minority Business Enterprises.

SCOPE OF WORK	COMPANY NAME (Include lower tier subs and suppliers)	CLASSIFICATION (i.e., MBE, WBE, DVBE)	CERTIFYING AGENCY NAME	% of TOTAL SUBK AMOUNT
				%
				%

- End of Section A, Commercial Terms -

B. SPECIFIC SCOPE REQUIREMENTS:

The Subcontractor's Work is to include, but not be limited to providing all labor, supervision, installation, layout, engineering, hoisting, unloading, parking, shop drawings, submittals, mockups, benchmarks, fabrication, materials, equipment, services, supplies, tools, facilities, transportation, storage, protection, handling, licenses, inspections, taxes (federal, state, county, local, etc.), overhead, profit, insurance, etc. as required to timely complete the **FIBER CEMENT PANEL EXTERIOR WALL & SOFFIT SYSTEMS** in accordance with the Agreement and as more specifically defined in the Specification Sections listed below and as clarified thereafter. Enumeration of the Specification Sections herein is for the convenience of DPR and the Subcontractor and does not limit Subcontractor's responsibility to provide all the **FIBER CEMENT PANEL EXTERIOR WALL & SOFFIT SYSTEMS** required by the Contract Documents except as clarified in paragraphs B.2 or B.3 below.

- 1. SPECIFICATION SECTIONS:** The following specification sections apply to this subcontract. Reference Attachments 1 and 1A for a full listing of documents.

CP-2 Spec Book	Specifications for CP-1 & CP-2 dated 8/8/2017 and as amended 8/28/17 and 10/3/17
003132	Geotechnical Data
Division 01	General Requirements
054000	Cold-Formed Metal Framing
057000	Decorative Metal
057500	Decorative Formed Metal
061600	Sheathing
072100	Thermal Insulation
072715	Nonbituminous Self-Adhering Sheet Air Barriers
074646	Fiber Cement Siding
076200	Sheet Metal Flashing and Trim
078413	Penetration Firestopping
078443	Joint Firestopping
079100	Preformed Joint Seals
079200	Joint Sealants
079513	Exterior Expansion Joint Cover Assemblies

2. INCLUSIONS:

- 2.** Complete fiber cement panel exterior wall and soffit system installation at all locations shown on the project documents, including accessories and auxiliary materials required for a complete, warranted, installation, as called for in the project documents and further enumerated in this scope.
- 2.3.** All contract drawing specific and general notes, as applicable to this trade, are included.
- 3.4.** The Subcontractor is responsible for providing all equipment, **scaffolding**, hoisting, unloading, stocking and distribution of materials required to perform the installation.
- 4.5.** The Subcontractor shall be familiar with the site logistics, location, parking and staging areas and has accounted for all freight and means to deliver material to the jobsite. The Subcontractor shall include flag-men for any/all deliveries.

- ~~5.6.~~ Storage of materials on site to be coordinated with DPR Supervisory personnel. Subcontractor to provide equipment and manpower necessary for unloading of equipment and materials. Delivery, storage and handling of materials used in this scope to be per manufacturer's recommendations and as specified. Protection of stored materials is by this subcontractor.
- ~~6.7.~~ Subcontractor acknowledges the items for Special Inspection noted in the project documents and agrees to comply with the requirements of the Special Inspector and the City of San Diego, as applicable to this scope.
- ~~7.8.~~ Subcontractor shall provide their own welding power and equipment if welding is required to complete this scope.
- ~~8.9.~~ All items are furnished and installed by this Subcontractor unless specifically noted otherwise.
- ~~9.10.~~ Include all submittals, shop drawings, mockups, test reports, etc. as required.
- ~~10.1.~~ Ensure proper tagging of supplied materials so contract documents, shop drawings and actual materials can be easily cross-referenced and identified.
- ~~11.1.~~ Include escalation through installation of this trade.
- ~~12.1.~~ Include any field quality test control and reports required.
- ~~13.1.~~ Include and coordinate all applicable scope as noted in Civil, Landscape, Structural and MEP drawings.
- ~~14.1.~~ Installation tolerances per project documents.
- ~~15.1.~~ Include all hoisting, forklifts, material movement and labor required to complete this scope of work.
- ~~16.1.~~ Include related accessories and auxiliary materials integral to a complete installation, for this scope of work, as specified.
- ~~17.1.~~ Protect finished work upon completion.
- ~~18.1.~~ Include all surface preparation for installation of this scope prior to commencement of installation.
- ~~19.2.~~ Special warranties as required by specifications.
- ~~20.2.~~ Examination of substrate systems for compliance with tolerances and for defects prior to commencing installation. The commencement of work implies acceptance of substrate.
- ~~21.2.~~ Field quality control per specifications as set forth in DPR's subcontract requirements and quality plan.
- ~~22.2.~~ Include all sealants and backer material required. Subcontractor to verify sealants/products are compatible with adjoining components.
- ~~23.2.~~ Layout for exterior glazing supports and anchors is included.
- 24.2 Exterior Envelope Supplemental Shop Drawings and Coordination:** The intent of this section is to clarify minimum supplemental submittal, shop drawing and trade

coordination expectations for all trades participating in the construction of the exterior envelope of the building. The purpose of this section is to assure full coordination of all exterior envelope trades.

- 1) Whether required by the project specifications or not, each subcontractor contributing to the exterior building envelope shall at a minimum:
 - a) Submit manufacturer's product data, specifications, typical application details, and other data necessary to demonstrate conformance to the specified requirements.
 - b) Submit dimensioned drawings showing the locations and extent of the work of each different specified item including but not limited to showing profiles, joints, seams, and dimensions, including terminations, penetrations, coves, interior corner conditions, exterior corner conditions, top of wall conditions, bottom of wall conditions, and all other conditions not specifically detailed in the contract documents.
 - c) Include interfaces with the work of other trades in detailed drawings. Where the work shown in any detail adjoins with the work of another trade, the work of the other trade shall be shown for coordination purposes in a manner that is acceptable to all involved manufacturers or recognized industry standards if no manufacturer is involved. Manufacturer acceptance shall be in writing.
 - d) Confirm materials compatibility. The compatibility of differing materials, both within the details of each trade and adjoining the work of a trade shall be clearly demonstrated and accepted by all involved manufacturers. Manufacturer acceptance shall be in writing.
 - e) Participate in all required trade coordination meetings and cooperate with all involved parties, making any detail changes needed to conform to the requirements of yours and other trades.
 - f) Modify and re-submit shop drawings showing changes required by yours and other trades.

~~25.2~~ Work is anticipated to be performed in a minimum of (3) sequences that need to be included in this pricing, as follows:

1. Mockup
2. CP-1 fiber cement panel system installation
3. CP-2 fiber cement panel system installation

Specific Inclusions

~~26.2~~ Furnish and install fiber cement panels on rainscreen system by this subcontractor. Subcontractor to receive exterior as DensGlass by others on exterior metal framing by others. This subcontractor to furnish and install air and vapor barrier; continuous insulation on z-furring; blackout mesh; black-painted exposed fasteners; EQUITONE fiber cement panels; sheet metal and self-adhered flashings; preformed joint seals; joint and penetration firestopping at rated walls; and all other accessories and auxiliary materials integrally related to performing this scope of work to comply with the project documents and warranty requirements in compliance with local building code.

~~27.2~~ This is a deferred submittal item and subcontractor includes all costs associated with preparing engineered shop drawings and calculations, submittal preparation and submission and any other requirements for the City of San Diego required for structural and fire-rating considerations. Permit fees only are by others. Engineered drawings to include locations for vertical and horizontal drift joints as required for seismic movement and interstory drift. It is clarified that this effort is in two parts – the supplier of the EQUITONE product will include shop drawings and calculations for the EQUITONE product and the proprietary extrusions. In addition, this subcontractor is to prepare engineered drawings for the z-girt attachment and insulation in conjunction with the EQUITONE assembly.

~~28.2~~ Furnish and install specified air and vapor barrier over DensGlass sheathing. Include all joint preparation, primers or any other accessories required for a complete installation. Comply with any UV requirements of this substrate.

- 29. Furnish and install mineral wool insulation in the thickness to achieve the required R-value designated for compliance with Title 24 and as specified in the thermal insulation project specifications.
- 30. Furnish and install DELTA FASSADE S by Dorken Systems as blackout mesh to cover mineral wool insulation.
- 31. Furnish and install fiber cement panels by EQUITONE in the patterns and configurations shown on the project documents.
- 32. Furnish and install sheet metal and self-adhered flashings associated with the fiber cement installation as shown in the details for this system at both buildings.
- 33. Furnish and install all mockups required for this scope per the project documents.
- 34. Furnish, perform and prepare any testing reports and requirements necessitated by the deferred approval process, AHJ, wall system proposed, etc.
- 35. Furnish and install all preformed joints at horizontal and vertical drift joints designed as part of this exterior skin system.
- 36. Furnish and install joint and penetration firestopping at rated walls through this system.
- 37. Include all caulking and sealants required, with related primers, backer rods and accessories, for a complete system installation.
- 38. Subcontractor has reviewed exterior skin schedule provided with this package and has marked up appropriately the timeframe needed for the installation as currently designed.
- 39. Subcontractor has reviewed and included drawing packages dated 8/8/17 for CP-1 and CP-2; Addendum 1 issued by _____ dated 8/29/17; Addendum 2 issued by _____ dated 10/3/17; and pre-bid RFI's 001, 002 and 003 issued with this bid package.

3. EXCLUSIONS:

- 1. Payment and performance bonds.
- 2. Insurance costs that are covered by the CCIP.
- 3. Prevailing wages.
- 4. Exterior framing and sheathing (subcontractor for Fiber Cement Panel scope is responsible for the air barrier product and out).
- 5. Scaffolding

NO OTHER EXCLUSIONS, CLARIFICATIONS OR QUALIFICATIONS PROPOSED BY SUBCONTRACTOR ARE PART OF THIS AGREEMENT IF NOT EXPRESSLY ENUMERATED HEREIN.

- End of Section B, Specific Scope Requirements -

APPROVED AND ACCEPTED BY:

CONTRACTOR:

DPR Construction
 By: _____
 Name: _____
 Title: _____

SUBCONTRACTOR:

CALIFORNIA SHEET METAL
 By: Rob Thomson
 Name: ROB THOMSON
 Title: PRECON ESTIMATOR

C. ACKNOWLEDGEMENTS & ACCEPTANCE:

The following documents have been reviewed and are incorporated in the following Base Bid. Please indicate agreement by initialing Yes or No for each item below.

- 3.1 DOCUMENTS:** We have reviewed and acknowledge all documents listed in Attachments 1 & 1A and have included all costs associated with their impact to our proposal. YES NO
- 3.2 COMMERCIAL TERMS:** We have reviewed Attachment 2–Section A and have provided all requested proposal information. YES NO
Attachment 2-Section A has been completed and attached to this Bid Form. YES NO
- 3.3 SCOPE:** We have reviewed Attachment 2 – Section B and have included all costs associated with the defined scope of work. YES NO
- 3.4 SUPPLEMENTAL CONDITIONS:** We have reviewed Attachment 3 and have included all costs associated with special requirements of the project. YES NO
- 3.5 SCHEDULE:** Our start dates, milestones, durations and completion dates will meet the requirements as outlined in the DPR Project Schedule referenced in Attachment 4. Any and all overtime, double time, swing shifts, etc. is included as required to meet this schedule. YES NO
- 3.6 INSURANCE:** Our insurance coverage meets the requirements listed in Attachment A and A2. (If the response is "No", list coverage deficiencies and the added cost to meet DPR's Requirements.) YES NO

- 3.8 BILLING:** We have reviewed Attachment B and have included all costs required to comply the project billing requirements YES NO
- 3.9 SAFETY:** We have reviewed Attachment C – DPR's Environmental Health & Safety Plan (Rev. 9) and included all costs required to perform our work as outlined in those requirements. YES NO
- 3.10 BID INSTRUCTIONS:** We acknowledge the DPR Instructions to Bidders. YES NO
- 3.11 EXHIBITS:** We acknowledge the following Exhibits issued by DPR:

Exhibit # _____	Dated: _____	Exhibit # _____	Dated: _____
Exhibit # _____	Dated: _____	Exhibit # _____	Dated: _____

3.12 ADDENDA: We acknowledge the following Addenda issued by the Architect:

Addenda # <u>1</u>	Dated: <u>8/29/17</u>	Addenda # <u>2</u>	Dated: <u>10/3/17</u>
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3.13 AMENDMENTS: We acknowledge the following Amendments issued by DPR:

Amendment # <u>1</u>	Dated: <u>10/26/17</u>	Amendment # _____	Dated: _____
Amendment # <u>2</u>	Dated: <u>10/26/17</u>	Amendment # _____	Dated: _____

ACCEPTANCE OF SUBCONTRACT / PURCHASE ORDER AGREEMENT

We acknowledge that the above bid is valid for sixty (60) days and if accepted we will enter into a contract with DPR Construction using the DPR Subcontract (California) Version 5.0 San Diego, California without revision or exception upon notice of award and prior to commencing work on the project.

YES NO

Our company presently has a signed / executed master subcontract agreement with DPR Construction.

YES NO

Date: 02/04/2021

Signature: *Axel Rose*

Print Name: Axel Rose

Title: PRECON ESTIMATOR

Company: CALIFORNIA STREET METAL

State Contractor's License No.: 181431

Contractor's License Classification: C43 C20 C23

Expiration Date: 03.31.2019

Contact for Bid Questions: Axel Rose

Bid Contact Telephone No.: 619 562 7010 EXT 1026

Bid Contact Email: _____

- End of Section C Acknowledgements -

(See Section A for Commercial Terms & Section B for Scope of Work)

- End of Attachment 2 – (BID FORM)