



February 11, 2016

RE: Hensel Phelps Take Off Quantities

Project: Mesa Court Expansion

UCI Project No.

Hi Tim,

Harold's Glazing is proud to present the bid amount of \$8,100,000 for the Mesa Court Expansion. This bid is good for 90 days.

INCLUDED:

- Commercial grade vinyl windows (windows at Residential floors)
- Swiss pearl above storefront
- Swiss pearl at windows (Residential levels 2-6)
- Storefront doors includes door hardware
- Operable windows
- Louvered sunshades
- Interior glass, glazing, glass rail, glass safety rail, mirrors (note: excludes glass, glazing at wood doors)
- Louvers within window systems
- Aluminum/glass storefront doors
- Slot windows
- Clerestory windows
- Storefront system
- Curtain wall system
- Mock up
- Drawing submittals
- Engineering calculations (including California P.E. stamp)

EXCLUDED:

- Wood doors
- Hollow metal doors
- Hollow metal frames

Harold

Please contact us with any questions.

Respectfully,

Harold's glazing

(562) 999-8787



6197 South Mckinley St.
Los Angeles, CA 90011

Estimate

Date	Estimate #
2/11/15	6157-R

Name / Address
Hensel Phelps UCI Mesa Court Expansion Budget Bid

Rep	License
John	388648 exp. 1/31/15

Item	Description	Total
Bid	<p>We propose to furnish all materials and perform all labor per Plans dated April 1, 2014 & Specification Section</p> <p>099123 Painting 099600 High Performance</p> <p>Inclusions: Prevailing Wage</p> <p>Exclusions: Damages by Others, Signage, Pavement Markings, Floor Coatings and Bond Premiums.</p> <p>All equipment used will be provided by Martin's Painting This bid is based upon paint finishes being applied before Prefinished items are installed. The amount of coats to be applied are limited to the Architect spec's, no additional coats will be applied.</p> <p>Upon acceptance of this Estimate, This Estimate will become apart of the contract.</p> <p>All field Authorized Change Orders or Authorization to Proceed will become billable 30 days from completion of said work.</p>	\$935,000
This bid supercedes any prior bids. Expires in 90 days.		Total \$935,000

Phone #	Fax #
626-555-0101	626-555-0102

KDC DRYWALL

BID PROPOSAL

February 11, 2016

Hensel Phelps

RE: Mesa Commons, UC Irvine, CA

Hensel Phelps,

KDC Drywall is a Woman Owned Small Business and proposes to provide all labor, material, tools, equipment, taxes, and insurance necessary to perform the Scope of work outlined below in accordance with the Bid Documents, subject to and superseded by the terms and condition listed herein as follows:

SCOPE OF WORK

- Cold Formed Metal Framing
- Metal Support Assemblies
- Gypsum Board
- Thermal & Sound Insulations

BID DOCUMENTS

Pricing Documents as prepared by HP

Amendments 1-10

<u>Total Bid</u>	<u>\$5,265,000.00</u>
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ALTERNATES

- | | |
|--|-------------------------------|
| 1. Provide payment and performance bonds, if required @ 1% | <u>Add \$52,650.00</u> |
|--|-------------------------------|

Bid Breakdown

1. Metal Framing/Plaster/Insulation @ Stone/Cement Panel @ 1 st Floor.	<u>\$525,000.00</u>
2. Roof infill Framing	<u>\$240,000.00</u>
3. Metal Framing/Drywall/Caulking (No Corridors)	<u>\$3,203,000.00</u>
4. Thermal & Sound Insulation (Rigid Insul. @ Stone in #1)	<u>\$145,000.00</u>
5. 1 Hour Corridor Walls (Metal Framing/Drywall/Caulking)	<u>\$892,000.00</u>
6. Drywall Ceilings @ Residential Corridors	<u>\$65,000.00</u>
7. 30% Ceilings at Sleeping units	<u>\$175,000.00</u>
8. Soffit Framing & Insulation under Great Rooms	<u>\$20,000.00</u>

Scope – Metal Framing/Drywall/Insulation

CLARIFICATIONS – Metal Framing/Drywall/Insulation

1. Hollow metal frames, provided by others, must be on site before the start of metal stud framing.
2. Stud gauge to comply with L/240 deflection or STC requirements, whichever is more stringent per UCI design guidelines.
3. Abuse resistant gyp at corridors & nook stairwells.
4. Denshield/Primer/Self Adh. Membrane/Durock at Showers. (No Waterproofing Membrane under tile)
5. Exterior Metal Stud backup at 1st floor for Stone Veneer and Cement Panels.
6. Infill framing at structural PV supports at roof.
7. Shaftwalls at elevator fronts.

INCLUSIONS – Metal Framing/Drywall/Insulation

1. Head of wall firestopping at fire rated partitions. Excludes firestopping above CMU walls. Excludes edge of slab firestopping.
2. Installation of hollow metal frames supplied & stocked by others.
3. Framing/Densglass Sheathing/Continuous Insulation/Lath/Scratch/Brown @ Exterior Stone Veneer/Cement Panels including the Cascadia clips.
4. R19 insulation at furred exterior walls.
5. 3 ½" sound batts at soundwalls.
6. STC walls per Veneklasen's floor plans.
7. Sound Caulking at top & bottom of STC walls.

EXCLUSIONS – Metal Framing/Drywall/Insulation

1. Miscellaneous metal 1/8" and heavier.
2. Wood members or framing of any type.
3. Acoustic and fire-rated sealants, caulking and putty pads at MEP penetrations

4. Flashing and sheet metal.
5. Primers and sealers over our work
6. Engineering design and calculations
7. Membrane air barrier under exterior finishes unless noted otherwise.
8. Painting.

Exclusions and General Notes to All Scopes of Work

CLARIFICATIONS – ALL SECTIONS

1. General Contractor shall provide benchmark, two (2) perpendicular control lines on each floor or level and an elevation on each floor or level.

INCLUSIONS – ALL SECTIONS

1. Scaffold for our work. Excludes use by others.
2. Debris removal for own work.

EXCLUSIONS – ALL SECTIONS

1. Personal Guarantee or cost of performance and payment bonds. See alternates.
2. Building temperature, moisture control and ventilations
3. Special inspections, if required.
4. Patching and repair due to damage caused by others
5. Caulking and sealants, other than concealed acoustical.
6. Firestopping, fire sealants and acoustical sealants at mechanical, plumbing, sprinkler and electrical penetrations of fire and sound rated assemblies.
7. Use of scaffolds(s) by any other trades or subcontractors. Subcontractor will terminate scaffolding lease and responsibility at completion of our work.
8. OCIP or CCIP programs.

GENERAL NOTES

1. This proposal is valid for ninety (90) days after bid date.
2. Proposal and subcontract are contingent upon written acceptance of a mutually agreeable subcontract agreement, which shall include fair and equitable provisions regarding:
 - a. Scope of work.
 - b. Baseline and updated schedule input, for activities, duration, and sequencing of work.
 - c. Damages and delays caused by others.
 - d. Changes.
 - e. Payment.
 - f. Insurance and indemnification
 - g. Dispute resolution.
3. Subcontractor is not party to any labor union agreements.

4. This proposal is based upon a five (5) day, forty (40) hour work week. Overtime and additional days will require additional compensation to Subcontractor.
5. Temporary facilities, such as light, power, heat, water, toilets, and washing stations are to be provided by General Contractor at locations convenient to our work by the General Contractor at no cost to Subcontractor.

We wish to thank you for the opportunity to bid this project. Should you have any questions or wish to review this proposal please wait until we arrive at your office.

Sincerely,

Krystal Seed
KDC Drywall

(310)888-1647

Shellman, David M.

From: Shellman, David M.
Sent: Saturday, January 09, 2016 2:03 PM
To: Shellman, David M.
Subject: Final Clean Bid for UCI Mesa Court

Dear Estimator:

I am sorry that I did not have enough time to put together a formal proposal letter, but would like to send this email as my formal bid for the final clean at the UCI Mesa Court project.

Here are my square foot costs for the area's provided in an email provided by Hensel Phelps.

Clean Floors (Wax and Seal) = \$2.05 per square foot
Exterior Windows = \$0.24 per square foot
Interior Windows = \$0.75 per square foot
Kitchen = \$0.95 per square foot
Interior Rooms = \$0.75 per square foot
Site = \$30,000 lump sum
Pressure Wash Exterior \$28,000 lump sum

These rates are good for 90 days and are based on prevailing wage. I will be leaving the country and will not be back until February 25th. I will be able to answer any questions about my proposal at that time.

Thank you for the opportunity to present this pricing.

Sincerely:

Ron Mitchell
President
Just Clean
714-333-1791

February 11, 2016



Bid Proposal

Project:	UCI Mesa Court Expansion Irvine, CA
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Dear Henel Phelps,

We are pleased to submit our proposal on the above referenced project for your review and consideration. We propose to provide all labor, material, equipment, and taxes necessary to perform the "Scope of Work" as outlined below:

<u>Scope of Work</u>	Section #05 40 00 – Cold-Formed Metal Framing
	Section #06 16 00 – Sheathing
	Section #09 21 16 – Gypsum Board Shaft-Wall Assemblies
	Section #09 22 16 – Non-Structural Metal Framing
	Section #09 24 00 – Portland Cement Plastering
	Section #09 29 00 – Gypsum Board

TOTAL PROPOSED PRICE

\$6,700,000.00

Performance and Payment Bond (.72%) or ...

ADD \$48,240.00

Alternates **(Bond not included) (see exhibit BC-1 attached)**

Bid Documents

Addendum 1-10

Inclusions

1. University Controlled Insurance Program.
2. Composite clean-up crew per HPCC's JIP.
3. Engineering, calculations, and shop drawings for our interior and exterior metal stud framing system. The Architect's CADD files shall be made available at no cost to Brady Company / Los Angeles, Inc.
4. Exterior walls on the 1st are figured as 6" 12 gauge studs at 12" o/c to receive a stone veneer finish (by others).
5. Exterior walls to receive a stone veneer finish will receive 1 layer of 5/8" exterior sheathing, 2" Z-Channel furring, 2" rigid insulation (by others), another layer of 5/8" exterior sheathing, 1 layer of commercial wrap building paper, 1 layer of grade D building paper, #3.4 self furring lath, galvanized lath trims, and a cement plaster scratch & brown only.
6. Exterior walls, parapets, and sloping roofing framing at the roof level of the three towers are figured with 6" 16 gauge studs at 16" o/c to receive 5/8" exterior sheathing only (rigid insulation, weather barrier, and finish to be provided by others).
7. All exterior sheathing to receive joint & penetration treatment per specification section 06 61 00 paragraphs 2.10 & 3.5.
8. Interior walls on the basement level and 1st floor are figured to be 6" 20 gauge studs at 16" o/c.
9. Interior walls on the 2nd floor through the 6th floor are figured to be 4" 20 gauge studs at 24" o/c where required for specific STC ratings and 16" o/c everywhere else.
10. Slotted slip track for an approved cyclic, rated head of wall condition.
11. Receipt, inventory, distribution, and installation of hollow metal frames at metal stud partitions. Proposal based on frames being on site prior to start of our framing operation.
12. Backing is figured as 6", 16 gauge notched track backing.
13. Interior ceilings of smaller size are figured to be studs and larger size ceilings are figured as suspended ceilings.

Inclusions Continued

14. Typical drywall will be 5/8" Type X gypsum board.
15. Drywall at corridors are figured to be 5/8" Type X high abuse gypsum board.
16. Drywall at wet areas is figured to be 5/8" Type X mold resistant gypsum board.
17. Shower areas are figured to receive 5/8" Type X mold resistant gypsum board, Primer, Self Adhered Sheet Flashing, and 5/8" cement board full height up to the underside of the ceiling (L-metal flashing at base to be provided by others).
18. All drywall exposed to view will receive a level four finish (smooth).
19. All concealed drywall will receive a fire tape finish as required.
20. Concealed acoustical caulking required for our work.
21. Installation of access panels (furnished by others). One access panel per hard lid ceiling was figured for a total of 247.
22. Bins for debris generated by our scope of work.
23. Scaffold for our work only.

Exclusions

1. Load bearing framing.
2. Any type of roof underlayment board and/or roof sheathing.
3. Any type of cement and/or acrylic plaster finish.
4. Any type of finish over concrete and/or shear walls.
5. All wood members and plywood sheathing.
6. Rigid, thermal, sound, and/or safig insulation.
7. Interior finish caulking/sealant.
8. Caulking, sealing or safig of M.E.P. penetrations.
9. Flashings.
10. Patching and repair due to damage caused by others.
11. Grinding, prepping or patching of concrete.
12. Parking fees.
13. Special inspections, testing, fees, and permits (if required).
14. Overtime/premium time and shift work.

Clarifications

1. This proposal is valid and binding for a period of forty five days after the bid date.
2. This proposal is predicated upon our scope of work to be schedule in a productive manner and be completed no later than June 2018.
3. Temporary facilities such as light (including work areas), power, temperature controls, water, parking, and sanitation facilities are to be provided by the General Contractor at locations convenient to and at no cost.
4. Man and material hoisting facilities of an adequate size, including operator and fuel, are to be provided by the General Contractor
5. This proposal is based on the supporting structure, including beams, slabs, columns, and edge closures, that are capable of supporting the loads imposed by the exterior stud framing system.
6. This proposal is contingent upon written acceptance of a mutually agreeable subcontract agreement. This proposal shall be referenced in, attached to, and made an integral part of the contract.

Thank you for the opportunity to submit our proposal. We look forward to working with you on this project and future ones. If you have any questions or require further clarification, please do not hesitate to contact me at our office (661) 555-1784

Sincerely,

HandyMan Construction

Tim White
Estimator

Bid Summary

UCI Mesa Court Expansion [01/08/16]

Bid No. 13

Selected Sections: 01310 Project Management, 01315 Safety, 01520 Construction Facilities, 01545 Equipment Rollers Lifts & Etc, 01745 Debris Bin, 05400 Cold Formed Metal Framing, 09100 Light Gauge Stud Framing, 09205 Metal Lath, 09220 Portland Cement Plaster, 09250 Gypsum Board - Hanging, 09255 Tape and Finish, 09270 Gypsum Sheathing, 09998 Subcontracts

Selected Typical Areas:

Selected Areas: (unassigned), 000 - NO ZONE, 050 - Basement, 100 - 1st Floor, 200 - 2nd Floor, 300 - 3rd Floor, 400 - 4th Floor, 500 - 5th Floor, 600 - 6th Floor, 700 - Roof Level

Job Class: **Educational**

Wage Type: **Union**

Job Site: **University of California Irvine, 1000 Arroyo Drive, Irvine, CA 92697**

Job Status: **Pending**

Bid Date/Time: 1/25/16 **4:00:00 PM**

Plans Date: 1/11/16

No.	Condition	Height	Quantity	Unit Pricing			Total Price	Man Days
				Mat.	Lab.	Total		
1	!Backing - 6" x 16ga Notched Track [50 LF] @ Bedrooms	10' 0"	272.00 EA	127.19	155.56	282.74 / EA	76,905.90	80.30
2	!Backing - 6" x 16ga Notched Track [100 LF] @ Bathrooms	10' 0"	160.00 EA	311.12	334.44	645.57 / EA	103,290.70	101.56
3	!Backing - 6" x 16ga Notched Track [100 LF] @ Bathrooms / Lockers	15' 0"	5.00 EA	423.59	668.89	1,092.48 / EA	5,462.41	6.35
4	!Backing - 6" x 16ga Notched Track [100 LF] @ Bathrooms @ 1st Floor	19' 0"	4.00 EA	463.42	668.89	1,132.31 / EA	4,529.23	5.08
5	!Clg - !Access Panels	8' 0"	247.00 EA	11.94	70.50	82.44 / EA	20,362.15	33.54
6	!Clg - !Skim Coat @ Bedrooms [70%]		47,733.21 SF	0.10	1.25	1.36 / SF	64,689.99	118.38
7	!Clg - 6" x 20ga Studs w/Type X-DW @ Bedrooms [30%]	5' 6"	3,832.99 LF	21.28	70.96	92.24 / LF	353,570.30	521.56
8	!Clg - 6" x 20ga Studs w/Type X-DW @ Corridor		11,056.43 SF	2.27	6.18	8.45 / SF	93,418.13	130.93
9	!Clg - 6" x 20ga Studs w/Type X-DW @ Misc. @ 1st Floor		1,449.15 SF	2.69	5.76	8.45 / SF	12,248.60	15.96
10	!Clg - 6" x 20ga Studs w/Type X-DW @ Misc. @ Basement		362.11 SF	2.72	5.76	8.48 / SF	3,071.27	3.99
11	!Clg - 6" x 20ga Studs w/Type XP-DW @ Bathrooms	9' 6"	2,634.39 LF	17.89	46.38	64.27 / LF	169,315.32	234.11
12	!Clg - 6" x 20ga Studs w/Type XP-DW @ Bathrooms	11' 6"	301.82 LF	20.83	55.87	76.70 / LF	23,151.15	32.31
13	!Clg - 6" x 20ga Studs w/Type XP-DW @ Bathrooms @ 1st Floor		1,192.25 SF	2.80	6.18	8.98 / SF	10,712.29	14.12
14	!Clg - 6" x 20ga Studs w/Type XP-DW @ Bathrooms @ Basement		168.56 SF	2.87	6.18	9.05 / SF	1,525.08	2.00
15	!Clg - Suspended w/Type X-DW @ Large Clgs @ 1st Floor		5,144.22 SF	3.19	5.10	8.29 / SF	42,657.99	50.29
16	!Clg - Suspended w/Type X-DW @ Large Clgs @ Basement		1,540.55 SF	3.19	5.10	8.29 / SF	12,775.06	15.06
17	!Clg/Soffit - 4" x 20ga Studs I-Drop @ Balcony	5' 0"	591.43 LF	25.81	88.16	113.98 / LF	67,410.70	100.16
18	!Clg/Soffit - 4" x 20ga Studs I-Drop @ Corridor	2' 0"	1,870.52 LF	11.45	46.17	57.63 / LF	107,791.16	165.17
19	!Clg/Soffit - 6" x 20ga Studs I-Drop @ Misc	3' 0"	790.36 LF	16.78	57.17	73.96 / LF	58,452.66	86.40
20	!Clg/Soffit - 6" x 20ga Studs I-Drop @ Misc	9' 0"	1,245.61 LF	27.79	83.87	111.66 / LF	139,081.73	200.90
21	!Clg/Soffit - I-Drop 6" x 20ga @ Corridor Walls Abv Glass	5' 0"	87.34 LF	28.12	108.74	136.85 / LF	11,953.01	18.21
22	!Clg/Soffit - I-Drop 6" x 20ga @ Misc Walls Abv Glass	9' 0"	164.09 LF	33.51	101.74	135.26 / LF	22,194.21	32.10
23	!HM Doors - Single Door Openings	10' 0"	740.00 EA	59.15	143.89	203.04 / EA	150,246.86	202.09
24	!HM Doors - Single Door Openings	15' 0"	12.00 EA	156.51	197.65	354.17 / EA	4,250.02	4.48
25	!HM Doors - Single Door Openings	19' 0"	34.00 EA	191.64	210.30	401.94 / EA	13,665.96	13.50
26	!HM Doors - Double Door Openings	10' 0"	52.00 EA	117.74	225.56	343.29 / EA	17,851.32	22.26
27	!HM Doors - Double Door Openings	15' 0"	7.00 EA	223.00	279.32	502.32 / EA	3,516.24	3.70
28	!HM Doors - Double Door Openings	19' 0"	8.00 EA	258.12	291.97	550.09 / EA	4,400.74	4.42
29	!Int Walls - !Drywall Trim	10' 0"	3,059.00 EA	27.89	23.95	51.84 / EA	158,590.44	142.92
30	!Int Walls - !Drywall Trim	15' 0"	87.00 EA	62.10	42.48	104.58 / EA	9,098.77	7.21
31	!Int Walls - !Drywall Trim	19' 0"	319.00 EA	78.80	53.81	132.61 / EA	42,302.15	33.48
32	!Int Walls - !Perimeter 4" x 25ga Low Walls	3' 0"	4,412.13 LF	9.00	25.83	34.82 / LF	153,649.42	218.92

Bid Summary

UCI Mesa Court Expansion [01/08/16]

Bid No. 13

No.	Condition	Height	Quantity	Unit Pricing			Total Price	Man Days
				Mat.	Lab.	Total		
33	Int Walls - !Perimeter 4" x 25ga Furr Walls	10' 0"	3,448.74 LF	18.34	41.59	59.93 / LF	206,684.78	274.82
34	Int Walls - 0-HR 4" x 20ga Bathroom / Bedroom Walls	10' 0"	5,357.38 LF	20.84	47.12	67.96 / LF	364,095.55	485.96
35	Int Walls - 0-HR 4" x 20ga Bathroom Walls	10' 0"	2,116.29 LF	20.39	57.21	77.60 / LF	164,220.13	232.58
36	Int Walls - 0-HR 4" x 20ga Misc Walls	10' 0"	223.02 LF	20.84	50.63	71.47 / LF	15,939.26	21.74
37	Int Walls - 0-HR 6" x 20ga Bathroom Chase Walls	19' 0"	97.29 LF	46.24	127.26	173.50 / LF	16,879.41	23.68
38	Int Walls - 0-HR 6" x 20ga Misc Walls	15' 0"	236.65 LF	33.46	68.12	101.58 / LF	24,039.97	31.05
39	Int Walls - 0-HR 6" x 20ga Misc Walls	19' 0"	508.01 LF	42.06	103.63	145.69 / LF	74,010.34	100.94
40	Int Walls - 1-HR 4" x 25ga Corridor Walls STC 50	10' 0"	5,764.61 LF	27.52	52.81	80.33 / LF	463,077.10	587.19
41	Int Walls - 1-HR 4" x 25ga Demising Walls STC 55	10' 0"	2,276.16 LF	36.40	55.09	91.49 / LF	208,245.10	241.59
42	Int Walls - 1-HR 4" x 25ga Misc Walls	10' 0"	572.45 LF	24.08	51.30	75.38 / LF	43,153.14	56.88
43	Int Walls - 1-HR 6" x 20ga Bathroom Walls STC 55	15' 0"	126.53 LF	52.44	116.42	168.86 / LF	21,365.67	28.26
44	Int Walls - 1-HR 6" x 20ga Bathroom Walls STC 55	19' 0"	193.70 LF	66.44	172.61	239.05 / LF	46,303.74	63.97
45	Int Walls - 1-HR 6" x 20ga Corridor	15' 0"	443.70 LF	39.95	77.32	117.27 / LF	52,034.99	66.34
46	Int Walls - 1-HR 6" x 20ga Misc Walls	19' 0"	861.40 LF	47.30	103.11	150.41 / LF	129,558.39	170.73
47	Int Walls - 2-HR 4" x 20ga Stairway Walls STC 50	10' 0"	802.48 LF	28.83	73.71	102.54 / LF	82,286.56	114.00
48	Int Walls - 2-HR 4" x 25ga Misc Walls STC 60	10' 0"	744.63 LF	38.54	68.74	107.28 / LF	79,886.35	98.42
49	Int Walls - 2-HR 4" x 25ga Shaft Walls	10' 0"	441.53 LF	42.68	79.08	121.77 / LF	53,764.70	67.18
50	Int Walls - 2-HR 6" x 20ga Elevator Walls	10' 0"	150.00 LF	48.43	111.53	159.96 / LF	23,993.78	32.00
51	Int Walls - 2-HR 6" x 20ga Elevator Walls	15' 0"	21.58 LF	65.87	144.70	210.57 / LF	4,544.80	5.99
52	Int Walls - 2-HR 6" x 20ga Elevator Walls	19' 0"	60.08 LF	78.15	153.50	231.64 / LF	13,916.40	17.64
53	Int Walls - 2-HR 6" x 20ga Misc Walls	15' 0"	169.21 LF	55.69	100.40	156.09 / LF	26,412.19	32.70
54	Int Walls - 2-HR 6" x 20ga Misc Walls	19' 0"	178.56 LF	66.44	172.61	239.05 / LF	42,683.82	58.97
55	Int Walls - 2-HR 6" x 20ga Shaft Walls	19' 0"	156.04 LF	74.44	127.91	202.36 / LF	31,575.71	38.18
56	Int Walls - 2-HR 6" x 20ga Stairway Walls	19' 0"	138.44 LF	66.70	174.83	241.53 / LF	33,438.51	46.40
57	!Omit/Add - DW Finish FH @ 1st Floor	9' 0"	1,512.44 LF	0.26	7.96	8.22 / LF	12,431.03	23.87
58	!Omit/Add - DW Finish FH @ Basement	5' 0"	745.35 LF	0.14	5.98	6.12 / LF	4,564.21	8.83
59	!Omit/Add - DW for Abuse Board @ Corridors	10' 0"	6,573.71 LF	9.20	1.09	10.29 / LF	67,655.99	13.59
60	!Omit/Add - DW for Abuse Board @ Corridors	15' 0"	452.32 LF	9.20	1.63	10.84 / LF	4,901.55	1.40
61	!Omit/Add - DW for Cement Board @ Shower	10' 0"	4,375.14 LF	24.71	42.72	67.43 / LF	294,994.97	354.72
62	!Omit/Add - DW for XP Board @ Bathrooms	10' 0"	9,186.94 LF	1.02	0.00	1.02 / LF	9,394.17	0.00
63	!Omit/Add - DW for XP Board @ Bathrooms / Wet Areas	15' 0"	129.28 LF	1.53	0.00	1.53 / LF	198.29	0.00
64	!Omit/Add - DW for XP Board @ Bathrooms / Wet Areas	19' 0"	685.60 LF	1.94	0.00	1.94 / LF	1,332.02	0.00
65	^Ext Wall - Casing Bead - Vertical	19' 0"	31.00 EA	396.75	120.91	517.67 / EA	16,047.72	7.17
66	^Ext Wall - Corner Aide - Vertical	19' 0"	44.00 EA	188.12	111.72	299.84 / EA	13,193.08	9.33
67	^Ext Wall - Openings - HMF Doors	19' 0"	4.00 EA	708.14	444.00	1,152.14 / EA	4,608.56	3.37
68	^Ext Wall - Openings - Jamb Studs - Vertical	19' 0"	111.00 EA	591.74	212.94	804.68 / EA	89,319.01	44.83
69	^Ext Wall - 6" x 12ga Cement Panel Walls @ Abv Windows	4' 0"	1,157.56 LF	125.81	106.20	232.01 / LF	268,564.29	233.95
70	^Ext Wall - 6" x 12ga Stone Veneer Walls @ Abv Loading Dock	21' 0"	141.84 LF	279.59	299.63	579.22 / LF	82,153.29	81.23
71	^Ext Wall - 6" x 12ga Stone Veneer Walls @ Blw Windows	3' 0"	1,056.43 LF	66.21	77.44	143.65 / LF	151,752.85	156.44
72	^Ext Wall - 6" x 12ga Stone Veneer Walls @ Blw Windows	13' 0"	100.11 LF	195.23	218.12	413.35 / LF	41,381.46	41.78
73	^Ext Wall - 6" x 12ga Stone Veneer Walls @ FH Areas	19' 0"	539.33 LF	250.76	276.67	527.44 / LF	284,464.16	285.23
74	^Ext Wall - 6" x 16ga Parapet Perimeter Walls @ Roof	3' 6"	1,869.19 LF	28.96	34.07	63.03 / LF	117,812.64	120.65
75	^Ext Wall - 6" x 16ga Parapet Walls Blw Sloping Roof @ PV Panels	10' 0"	2,466.26 LF	45.13	47.03	92.17 / LF	227,308.09	219.90
76	^Ext Wall - 6" x 16ga Sloping Roof @ PV Panels	30' 6"	561.50 LF	97.90	97.29	195.20 / LF	109,602.12	103.45
77	^Ext Wall - 6" x 16ga Sloping Roof @ PV Panels	43' 6"	97.90 LF	147.00	140.48	287.48 / LF	28,144.62	26.04
78	Y - Subcontractor - Engineering		1.00 EA	38,954.54	0.00	38,954.54 / EA	38,954.54	0.00
79	Y - Subcontractor - Scaffold		1.00 EA	#####	0.00#####	##### / EA	285,666.64	0.00
80	Y - Subcontractor - Stocking		1.00 EA	#####	0.00#####	##### / EA	161,661.35	0.00
81	Z - General Conditions		1.00 EA	#####	0.00#####	##### / EA	199,642.03	0.00

Material & Labor Total: 6,700,000.00 7,254.49



SW Painting
3019 Cyrene Blvd
Westchester, CA 90045
Phone: 949-555-0197
Fax: 949-555-0198

February 11, 2016

Project: UCI Mesa Court Expansion
Subject: Paint Proposal

Dear Hensel Phelps,

We are pleased to provide the following proposal. The scope of work is based on the drawings in coordination with job walks by SW Painting and HP.

INCLUDED:

- All Walls
- All Ceilings
- All doors
- All guardrails
- All handrails

EXCLUDED:

- Chalkboard paint at Dining ADD: \$2,200
- Chalkboard paint in Corridor ADD: \$16,500
- Paint Stairs ADD: \$30,000 per building
- High Performance Paint ADD: \$65,000

Our quoted price for the above subject is:

Six hundred fifty-six thousand dollars; \$656,000.00

Sincerely

Robert Baday
SW Painting
949-555-0197



February 11, 2016

RE: Hensel Phelps Take Off Quantities

Project: Mesa Court Expansion

UCI Project No. 996296

Hi Lenny,

Gilbert Glazing worked up budgetary bid amounts based on the Hensel Phelps glass & glazing take-off quantities (emailed to Juan Gilbert on 3/24/15). Because we haven't reviewed the architectural plans (as of yet), this budgetary bid amount could vary.

INCLUDED:

• Interior glazing	3,880 SQFT	\$65	\$252,200
• Clerestory window	96 SQFT	\$75	\$7,200
• Curtain wall	21,204 SQFT	\$99	\$2,099,196
• Slot windows	2,709 SQFT	\$70	\$189,630
• Operable windows at slot windows	135 EA	\$500	\$67,500
• Window wall	36,607 SQFT	\$90	\$3,294,630
• 24" louvered sunshades (integral to window wall)	1,176 LNFT	\$100	\$117,600
• Operable windows	538 EA	\$600	\$322,800
• Vertical Louver Aerolite	269 EA	\$800	\$215,200
• Storefront	10,982 SQFT	\$85	\$933,470
• Storefront doors- pairs	12 EA	\$4,000	\$48,000
• Storefront doors- single	10 EA	\$2,500	\$25,000
• Mockup	1 LSUM	\$75,000	\$75,000

EXCLUDED:

- All items not listed in inclusions

Please contact us with any questions.

Respectfully,

Gilbert Glazing

(213) 555-9477

Manshell's Painting
 8497 Main Street Ste 119 Pasadena, CA 91101
 Phone: (949) 600-0001 Fax: (949) 600-0101
SB/MBE/SDB/HubZone License # 012345

Date:	Thursday, February 11, 2015	Job Name:	Mesa Court Expansion
		Location:	Irvine, Ca
Firm:	Hensel Phelps	Fax:	
Attention:		Plans & Specs?	no
Category:	Painting	Addenda Noted?	no
		Date Of Plans	
		Bond Included?	no
		Bond Rate	1.50%

Division Number(s)	099123, 099600
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Base Bid Amount:	\$ 672,915	Proposal Good For 30 Days From Bid Date
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Inclusions:

Paint Interior Gyp Walls	\$275,000
Paint Interior Gyp Ceilings	\$133,000
Concrete Sealer on Walls and Ceilings	\$97,055
Exposed Ceilings High Performance	\$55,131
Doors/Door Frames	\$87,700
Guardrail / Hand Rail (High Performance)	\$25,029

Alternates:

Add Alternate to upgrade 280,000 sqft of gyp walls to high performance:	\$121,333
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Exclusions:

<u>Division 9</u> Resinous Flooring Pre-Finished Wood Doors Painting of Pre-Finished Metals Millwork Finishes	<u>Division 7</u> Traffic Coatings
--	--

Qualifications:

- 1 Does not include last coat over finished surfaces unless noted on this proposal
- 2 Does not include overtime unless specifically noted in the proposal
- 3 Cleaning of CMU surfaces (i.e. efflorescence) is not anticipated and is not included in this proposal
- 4 Also excluded is unidentified Trade damage, composite clean-up crews, compression of schedule
- 5 Caulking is included as it relates to painting scope and does not include paint to paint gaps in excess of 1/8th inch
Any caulking requiring backer rod, polyurethane caulk or the like is not included unless specifically indicated
- 6 No cost impact only if changes are made prior to our painting activities.

Prepared By:	Gilbert Sanchez
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December 29, 2015; Revised January 8, 2016

Hensel Phelps Construction Co.

Attention: Estimator

Reference: ***UCI Mesa Court Student Housing***

Gentlemen:

We propose a pricing to furnish labor and material to complete Sections:

054000	Cold Formed Metal Framing
061600	Sheathing (Densglass only)
071326	Self Adhering Sheet Waterproofing (Plaster only)
092116	Gypsum Board Shaft wall Assemblies
092216	Non Structural Metal Framing
092400	Portland Cement Plaster (scratch coat only)
092900	Gypsum Board

on the above referenced project per Mithum Architects plan sheets titled Final SD Drawings and Dated 01/21/2016

For a Sum Of \$ 4,878,000.00

ALTERNATES

1. Cost of Bond.

Incl. Above

2. Install "Style M" Access panels furnished by others.

A. Non-Rated.....\$ 40.00 EA

B. Fire-Rated.....\$ 95.00 EA

3. Skim Coat ceilings in bedroom units.

ADD.....\$30,000.00



ALTERNATES

4. Skim coat ceilings in bedroom units.

ADD.....\$30,000.00 Skim Coat ceilings

5. Delete 9' soffit drops on level 1 at clouds

Deduct.....<\$70,000.00>

6. Exterior transom framing ILO concrete stem wall

ADD.....\$152,200.00

QUALIFICATIONS

1. All work and stocking to be performed during normal working hours, in an asbestos free environment, and in one continuous phase.
2. Sufficient water, power, lighting, moisture control, parking and trash bins to be supplied and maintained (by others) at no cost
3. Taping of drywall to be standard 3-coat taping of joints and spotting of screws. No skimcoat or texture.
4. Plaster finish to be a smooth finish.
5. NEW Drywall reserves the right to joist or suspend ceilings.
6. All plastering to be performed prior to any installation of hand rails and/or similar obstructions.
7. At full height walls conditions- drywall to be installed, taped and fire sealed at top of wall prior to M.E.P. work
8. Sound and fire caulking/sealant figured at locations indicated on the drawings. Any finish caulking is excluded.



QUALIFICATIONS

9. All plastering to be performed prior to any installation of hand rails and/or similar obstructions.
10. Use of skiff at elevator shaft at no cost
11. Proposal based on mutually acceptable schedule.
12. Includes drywall ceilings in residential tower corridors.
13. Includes exterior bulkhead soffit as shown on 2/A4.01.

EXCLUSIONS

1. Insulation and safing, except mineral wool rigid insulation as exterior framing.
2. Door and Window Frame materials.
3. Access Panels.
4. Repair of work damaged by others.
5. Wood of any kind.
6. Caulking at exterior.
7. Sealing or caulking of M.E.P. Penetrations.



Unless otherwise specified, if this proposal is not accepted within thirty days from date, we reserve the right to cancel this proposal.

Thank you for the opportunity to quote.

Respectfully submitted,

NEW Drywall,

Bill Thomas
Executive
(909) 555-1732
Bthomas@NewDrywall.com



BID PROPOSAL

February 11, 2016

Hensel Phelps

RE: UCI Mesa Court Expansion
Project Location

Dear Hensel Phelps,

ABC Glass is pleased at the opportunity to provide Hensel Phelps with is proposal to design, furnish and install the exterior for the UCI Mesa Court.

Please find our detailed pricing proposal herein, including:

- Section A Bidding Documents
- Section B Scope of Work
- Section C Exclusions
- Section D Project Specific Clarifications
- Section E Qualifications
- Section F Bid Pricing

If any part of this proposal does not meet your needs, we would be happy o meet with you to discuss scope, additional services, or cost and schedule concerns. We are looking forward to the opportunity of working with Hensel Phelps on this project. Please let us know if you have questions or require additional information.

Sincerely,

ABC Glass

Phone: (626) 222-9413

Fax: (626) 222-9413



SECTION A : BIDDING DOCUMENTS

ABC'S proposal to design, furnish, and install materials as described has been developed based upon the following bid documents:

- | | | |
|---------------------------------------|--------------|--------------|
| 1. Architectural Drawings | Final SD Set | Dated 4/1/14 |
| 2. Campus Standards & Design Criteria | | Dated 2/7/14 |
| 3. Addendum 1-10 Received | | Dates vary |

Specifications included with this proposal:

- 08 4113- Aluminum Framed Entrances
- 08 4413- Glazed Aluminum Curtain Walls
- 08 7111- Door Hardware, (as applicable)
- 08 8000- Glazing
- - Joint Sealants, (as applicable)

ABC is providing pricing for the specific systems listed above for the UCI Mesa Court Expansion project. All other specification sections and systems are specifically excluded. See scope, qualifications, and clarifications of this proposal for more information regarding systems provided.

SECTION B: SCOPE OF WORK

Glazed Aluminum Systems:

1. ABC is including the following systems designed and manufactured by ABC:
 - a) 2-3/4" x 6" Thermally broken 2-sided SSG unitized window wall system with operable awning vents, cementitious panel and extruded aluminum louver.
 - b) 2-3/4" x 6" and 10" thermally broken 2-sided SSG stick built curtain wall and high span curtain wall systems.
 - c) 2-3/4" x 6" and 10" thermally broken 2-sided SSG stick built storefront system.
 - d) Project out awning vents within the window wall and slot wall systems, including 4-bar hinges, 4" limit stops and cam locks, (1 cam lock per window).
 - e) 2-1/2" x 6" front set interior storefront system, 4 sided captured system.
 - f) 24" depth louvered horizontal sunshades attached to the window wall vertical mullions with aluminum outriggers.
 - g) Vision glass shall be 1" clear insulated glass with Low-E #2 surface, PPG Solarban 100 or equal.
 - h) Spandrel glass shall be 1" clear insulated glass with Low-E #2 surface, PPG Solarban 100 or equal and #4 surface solid frit.
 - i) Translucent glass for slot windows shall be 1" clear insulated glass with Low-E #2 surface, PPG Solarban 100 or equal, and #3 surface simulated acid etch for privacy.
 - j) Interior drywall trims, 3-1/2" maximum depth at sill locations only.
 - k) Aluminum or galvalume liner panel behind the cementitious panel.
 - l) Exposed aluminum finishes will be 2-coat Kynar in a standard color, non-mica, non-exotic.

Aluminum Storefront Entry Doors:

1. ABC has included the following aluminum storefront door with this proposal:
 - a) Glazed aluminum medium stile doors with 10" bottom rails, (12 pair and 10 single leaves). \$1,500 per leaf allowance for manufactures standard hardware has been included with this proposal.

Field Test of in Place Construction:

1. Three (3) AAMA 501.2 test have been included in the base bid. All other testing is specifically excluded.

Additional Scope Included:

1. Joint Sealants as related to ABC's Bid Scope only. Interior sealant is specifically excluded. Double caulk joints are also specifically excluded.
2. Fasteners, sealants, and gaskets required of our systems.
3. Pricing includes California state sales tax at current rate.

Alternate Scope:

1. Glass railings with 9/16" clear laminated glass set in 4" high continuous base shoe and 1-1/2" diameter painted extruded aluminum top rail.
2. Glass privacy screens shall be 3/4" clear monolithic with acid etch and flat polished edges set in a continuous base shoe, no top rail.

SECTION C: EXCLUSIONS

The following items are specifically excluded from the scope of work defined herein. In certain instances these items can be included on request with a modification of cost and schedule terms as appropriate.

1. Payment and performance bonds. Add 1.5% for ABC to provide payment and performance bonds.
2. Any work specified under other sections that are not specifically included or mentioned in this proposal.
3. Any testing other than that specifically mentioned in this proposal.
4. Liquidated damages of any kind regardless of the various requirements set forth in either the subcontract or prime contract.
5. Incidental, special, direct or consequential damages of any kind regardless of the various requirements set forth in either the subcontract or prime contract.
6. Any protection of ABC's work after installation. ABC will not be responsible for damage to its materials after installation on the building unless caused by its own work forces. Hensel Phelps shall be responsible for including the cost of any protective measures or replacement materials and labor to conform to any such requirements.
7. Any periodic or final cleaning of the work- regardless of the various requirements throughout the specifications. ABC will leave installed work free from any excess dirt or sealants following installation.
8. Embed installation and cutting/burning of the steel deck edge to expose embeds.
9. Seismic expansion joints.
10. Hollow metal doors and frames
11. Any work at interior beyond what is indicated within this proposal.
12. Field measurements.
13. Roller window shades.
14. Window shade pockets or closures.
15. Head closure trim.
16. Jamb or column closure trims.
17. Low voltage wiring for auto operators and electric door hardware.
18. Card readers.
19. Heat soaking of tempered glass.
20. Demising wall closures.
21. Room to room and floor to floor STC and odor control.
22. Nuisance control.
23. Insect screens at operable vents
24. Interior perimeter caulking or second line of defense caulking.
25. Stone cladding or support for stone cladding.
26. Attic stock.
27. Any support framing or sheathing for metal panel work.
28. Fire rated frames or assemblies.
29. Removal of perimeter safety cables.
30. Participation in composite clean-up crews.
31. Fire safing or insulation at slab edges or behind spandrel glazing.

SECTION D: PROJECT CLARIFICATIONS

1. Quantities for the scope of work are based upon ABA's best interpretation of the "Final SD Plans" received via e-mail on 3/26/15.
2. Pricing is based upon work being performed during the 2016 calendar year. Per e-mail received from Hensel Phelps, the anticipated start date for ABC's materials in the field is the middle of the 2nd quarter 2016.
3. It is assumed that the sill for the storefronts typically will set on the stone clad "pony" wall approximately 2'-6" above the finish floor.
4. Laminated glass warranty shall be 5 years from the date of manufacture.
5. Application of paint finishes on any aluminum extrusions shall occur prior to cutting and/or fabrication.
6. ABC has not included any provisions for upgraded glass to achieve higher STC/OITC than what is published by the glass manufacturer for 1" insulated glass.
7. Laboratory mock up allowance is limited to 400 SF total of window wall. All lab fees are excluded and shall be by others.
8. Visual mock up, (see alternate #6), is limited to 150 SF total and will not be assembled from project specific dies. ABC will do our best to produce a mock up simulating the profiles using alternate materials and suppliers. Exact profile will not be possible due to the requested schedule.
9. The following embeds, along with embed layout drawings, will be delivered for installation by others:
 - 552 ea. Slab edge embeds for the curtains wall systems, delivered to construction site.

SECTION E: QUALIFICATIONS

1. This proposal is contingent upon Architectural Glass & Aluminum Company's review and final acceptance of general contractors sub contract agreement including any indemnity provisions, Project Schedule and payment terms.
2. This Proposal shall remain valid for a period of sixty (60) calendar days beyond the bid date. At which time, if no commitment from the Project is received, all material costs will be reviewed for potential escalation and price(s) shall be revised where applicable.
3. ABC has not reviewed, nor been provided "Front End" documents from Hensel Phelps prior to bidding the project and reserves the right to review any future "Front End" documents for cost impacts and possible changes to the pricing provided at bid time.
4. Should payment & performance bonds be required, said bonds shall cover period during construction and remain in effect one (1) year after substantial completion of ABC's work.
5. All prices include a single bead of exterior waterproof caulking within ABC's work between ABC's work and the work of other trades. Interior caulking is specifically excluded.
6. ABC has assumed that all openings will accommodate loads imposed by glazing systems. ABC has not provided for any reinforcing or engineering of existing building structure.
7. ABC will require clear uninterrupted access to the work space at the outer perimeter of each floor in order to perform its work at a steady and competitive pace. Twenty (20) feet at the interior of all floors, and twenty (20) feet at the exterior of the ground floor. Any building materials such as studs, drywall, must be stored in locations that will not impede ABC's work in progress. Any interior work i.e. framing/drywall, shall be performed no closer than two (2) floors below, ABC's work in progress on any given floor provided the work is completed promptly and in accordance with the agreed upon schedule prepared by ABC and Contractor. ABC includes no provisions for accessing its work among stored interior build out materials on any given floor. This proposal also assumes that storage space will be allowed on each floor for exterior glazed units prior to installation. Storage space may be required in two (2) locations at each floor.
8. Pricing assumes a protected staging or lay down area will be provided for storing of material on site.
9. This proposal includes no provisions for any additional work that may be introduced and/or recommended by Project's consultant or other entities employed by the owner or architect, e.g. second line of defense caulk beads, flashing etc. Such additional work will not be provided or incorporated into ABC's scope without written change order.
10. This proposal assumes that payments will be approved for stored materials and fabrication progress at ABC's manufacturing facility. Payment amounts shall be based on pre-approved scheduled value.
11. ABC will place glass cases, packaging materials and other debris related to our work in a trash container, at ground level, provided by General Contractor and removed from site at no cost to ABC.
12. This proposal is based on 10% retention through 50% completion of our work, and 0% thereafter – or 5% retention throughout the work. Alternative terms will require and adjustment in price.
13. Change order mark ups (per occurrence) shall be 25% combined overhead & profit for work performed by ABC and 15% for work performed by ABC's lower tier sub-contractors.
14. ABC excludes responsibility for any revisions that may be required to resolve code compliance issues.

15. Material pricing has been based upon current pricing, with no allowance for escalation. Material pricing can only be committed at time of award.
16. ABC assumes a standard 40-hour work week with the exception of overtime provisions for off hours hoisting of window wall units with the Project crane.
17. This proposal assumes free use of the project crane during straight time hours for hoisting and stocking of our material on to designated floors.
18. We extend all warranties (pass through) to the same extent these warranties are extended to us by product manufacturer.
19. Warranties for glass shall commence from the date of manufacture and not substantial completion.
20. ABC shall coordinate its work through general contractor and not directly with other trades.
21. Deflection shall be limited to AAMA standards including $1/175$ or $3/4''$ maximum for spans less than $13'-6''$ and $1/240 + 3/4''$ maximum for spans greater than $13'-6''$.
22. Deflection calculations shall be limited to curtain wall only. ABC includes no provisions to upgrade structure to resist deflection.
23. ABC has included provisions for one color of gaskets for entire project.
24. Proposal assumes concrete will be installed to ACI standards. ABC includes no provisions to level, cut, chip or otherwise modify out of tolerance concrete.
25. Top sheet only of the shop drawings and calculation package shall be stamped by a professional engineer.
26. ABC will be providing systems with the same finish for both the interior and exterior exposed aluminum.
27. Entry doors will not meet the same performance criteria as the glazed aluminum systems.
28. ABC was not supplied, at bid time, with specific envelope performance criteria. This proposal assumes the ABC system as bid is in compliance with Title 24 or local building code thermal requirements. ABC shall not be responsible for any additional cost in the event the systems calculated thermal performance is found to be inconsistent with the projects requirements.

SECTION F: BID PRICING

BASE BID:

1. Window walls	36,462 SF	\$79.85	\$2,911,491
1a. Project Out Awning Vents	538 Ea	\$1,070.00	\$575,660
1b. 24" Depth Louvered Sunshades	1,200 L/F	\$173.60	\$208,320
1c. Vertical Louver, (Aerolite or equal)	269 Ea	\$764.35	\$205,610
2. Slot Windows	3,788 Ea	\$88.40	\$334,859
2a. Project Out Awning Vents	135 Ea	\$1,070.00	\$144,450
3. High Span Curtain Walls	8,745 SF	\$108.75	\$951,019
4. Curtain Walls	10,010 SF	\$82.38	\$824,624
5. Storefront	6,872 SF	\$76.36	\$524,746
6. High span storefront	7,863 SF	\$89.15	\$700,986
7a. Glazed aluminum entry doors, (Pair)	12 Pair	\$9,875.00	\$118,500
7b. Glazed aluminum entry doors, (single)	10 Lfs	\$5,120.00	\$51,200
8. Interior Storefront	1,683 SF	\$64.30	\$108,217

TOTAL BASE BID

\$7,659,682

ALTERNATES/ALLOWANCES PRICING:

1. Visual mock up allowance	1 LS	\$20,000	\$20,000
2. Glass rail @ Great room stair mezz	1 LS	\$107,000	\$107,000
3. Glass safety rail @ Podium's bridge	1 LS	\$121,000	\$121,000
4. Glass rail 5'-0" # @ East elev. stair	1 LS	\$58,000	\$58,000
5. Glass rail @ study lab	1 LS	\$12,000	\$12,000
6. Glass rail @ study lounge corridor	1 LS	\$63,000	\$63,000
7. Mirrors @ fitness lounge	1 LS	\$20,000.00	\$20,000.00
8. Operable windows @ storefront			

*****End of Proposal*****