

Budgetary Estimate

4155 Alamosordo Campus-Wide Stucco, Window, and Door Replacement

1/14/2022

New Mexico State University

Robert Estrada, Estimator/Project Manager Sr.



Facilities and Services

**Project Development
and Engineering**

January 14, 2022

Antonio Salinas
Vice President of Business and Finance
New Mexico State University Alamogordo

Dear Tony,

Thank you for working with Facilities & Services, Project Development and Engineering on your renovation needs. We are confident that you will be very satisfied with the services that we offer and the deliverables received. Facilities and Services has assembled an experienced team of design, engineering, and construction professionals, committed to assisting you with your project ideas. If you have any question related to the attached budgetary estimate, I can be reached at (575) 646-2683 during normal business hours or via email at robrada@nmsu.edu. If for any reason you are not satisfied with my assistance, please contact Robert Herrera, Executive Director at (575) 646-5213.

As your future needs arise, we will be happy to help you evaluate those needs and offer you the services that will help you achieve your goals. Let our team turn your ideas into reality. Again, thank you for working with our team and I look forward to working with you in the future.

Sincerely,

Robert Estrada, AEP
Estimator/Project Manager Sr.

Disclaimer: How we approach project estimating is unique due to the level of project knowledge at the time of the estimate. To a great extent estimates are by nature unclear or inexact because a choice between alternatives has not been made at this very early stage, so if you have any questions on how to apply the values, please talk to us. Estimates are subject to change and should be refined as the specific project requirements (scope) is refined. It is the requestor's obligation to carefully review and confirm the information provided is valid and reflects the scope of work requested by the project customer.

Purpose

The purpose of this budgetary estimate is to determine the cost to replace windows, doors and stucco campus wide.

Project Scope

Academic Support Center- Demolish south wall of building removing stucco and sheathing. Install new wall sheathing and lathe. Apply 3-coat stucco system and seal around windows and flashing.

ProTech Center- Remove all exterior doors and windows and replace with new storefront. Patch interior walls adjacent to new frames. Apply new 3-coat stucco to all exterior walls. Apply sealant to all door and window frames.

Student Union- Remove all exterior doors and windows and replace with new storefront. Patch interior walls adjacent to new frames. Demolish walls of building removing stucco and sheathing. Install new wall sheathing and lathe. Apply 3-coat stucco system and seal around windows, doors and flashing.

Tay's Center- Remove all exterior doors and windows and replace with new storefront. Patch interior walls adjacent to new frames. Apply new 3-coat stucco to all exterior walls. Apply sealant to all door and window frames.

Townsend Library- Remove all exterior doors and windows and replace with new storefront. Patch interior walls adjacent to new frames. Apply new 3-coat stucco to all exterior walls. Apply sealant to all door and window frames.

Budgetary Estimate Qualifications

The attached budgetary estimate is an initial projection of cost based on preliminary observations, quantities, general construction methods, and the scope of work we discussed. The construction budget estimate is based on known conditions and the described general scope of work. The estimate was developed by drawing on historical cost and current construction cost library. The actual cost may vary (+/- 30%) of the estimated amount. If the estimate as presented

meets with your approval, and you would like to proceed with this project, please submit a Project Request at: http://www.ofs.nmsu.edu/req_selection.htm

Inclusions

The budgetary estimate for the above reference includes the following:

- Design services
- Interior wall patching
- Sealants and caulking
- Rubbish handling
- Academic Support Center- Approx. 100 SY of sheathing and stucco replacement
- ProTech Center- Approx. 2410 SY of stucco overlay, removal and replacement of 11 doors, removal of existing windows and install approx. 1520 SF of new storefront
- Student Union- Approx. 560 SY of sheathing and stucco replacement, removal and replacement of 9 doors, removal of existing windows and install approx. 450 SF of new storefront
- Tay's Center- Approx. 7500 SY of stucco overlay and stucco replacement, removal and replacement of 27 doors, removal of existing windows and install approx. 500 SF of new storefront
- Townsend Library- Approx. 1910 SY of stucco overlay, removal and replacement of 5 doors, removal and of existing windows and install approx. 300 SF of new storefront

Exclusions

The budgetary estimate does not include:

- Escalations on material and labor
- Structural repairs or modifications

**Estimate: 322 4155 Alamogordo Campus
 Wide Stucco, Window, and Door**

Estimate Totals

Description	Total Estimate	Job %	Cost/Unit
A1 ProTech	\$650,665	25.58%	
A2 Townsend	\$363,344	14.29%	
A3 Tay's	\$1,176,404	46.25%	
BB Student Union	\$317,541	12.48%	
A4 Academic Support Center	\$35,540	1.40%	
Total Estimate	\$2,543,495	100%	

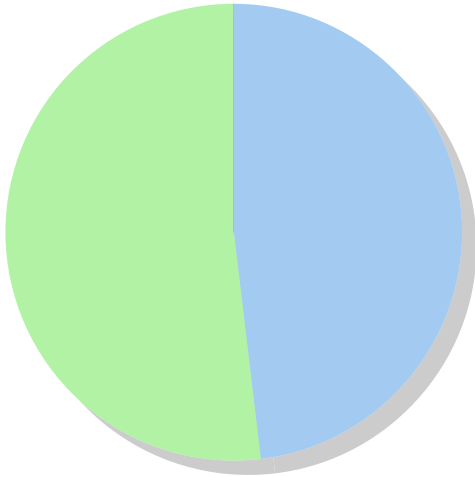
**Estimate: 322 4155 Alamogordo Campus
Wide Stucco, Window, and Door**

Estimate Cost Types

Description	Quantity	Material	Labor	Sub	Equip	Other	Total
A1 ProTech							
Partition removal,metal studs,lath and plaster, ProTech	220.00 SF	0.00	723.74	0.00	0.00	0.00	723.74
Door removal,metal,single,3'x7', ProTech	11.00 EA	0.00	1,357.40	0.00	0.00	0.00	1,357.40
Window removal,incl trim,metal, ProTech	1.00 LS	0.00	3,290.46	0.00	0.00	0.00	3,290.46
Rubbish handling,load in dumpster or truck,max	800.00 CF	0.00	1,316.06	0.00	0.00	0.00	1,316.06
Sealants & caulking,polyurethane,1/2 x 7/8, ProTech	220.00 LF	338.80	711.11	0.00	0.00	0.00	1,049.91
Storefront,aluminum & glass,maximum, ProTech	1,520.00 SF	120,642.40	17,632.29	0.00	0.00	0.00	138,274.69
Entrance doors,1" thick glass,3' x 7', ProTech	11.00 EA	43,650.75	7,656.00	0.00	0.00	0.00	51,306.75
Plaster,patch holes,1-5 sf,max, ProTech	220.00 SF	2,255.00	3,229.60	0.00	0.00	0.00	5,484.60
Stucco,white cem,3 coats,1" thick,trowel finish, ProTech	2,410.00 SY	49,019.40	117,929.58	0.00	0.00	0.00	166,948.98
Totals		215,906.35	153,846.24	0.00	0.00	0.00	\$369,752.59
A2 Townsend							
Partition removal,metal studs,lath and plaster, Townsend	80.00 SF	0.00	263.46	0.00	0.00	0.00	263.46
Door removal,metal,single,3'x7', Townsend	5.00 EA	0.00	617.00	0.00	0.00	0.00	617.00
Window removal,incl trim,metal, Townsend	1.00 LS	0.00	617.00	0.00	0.00	0.00	617.00
Rubbish handling,load in dumpster or truck,max	600.00 CF	0.00	987.20	0.00	0.00	0.00	987.20
Sealants & caulking,polyurethane,1/2 x 7/8, Townsend	80.00 LF	123.20	258.30	0.00	0.00	0.00	381.50
Storefront,aluminum & glass,maximum, Townsend	300.00 SF	23,811.00	3,480.00	0.00	0.00	0.00	27,291.00
Entrance doors,1" thick glass,3' x 7', Townsend	5.00 EA	19,841.25	3,480.00	0.00	0.00	0.00	23,321.25
Plaster,patch holes,1-5 sf,max, Townsend	80.00 SF	820.00	1,174.40	0.00	0.00	0.00	1,994.40
Stucco,white cem,3 coats,1" thick,trowel finish, Townsend	1,910.00 SY	38,849.40	112,155.20	0.00	0.00	0.00	151,004.60
Totals		83,444.85	118,935.56	0.00	0.00	0.00	\$202,380.41
A3 Tay's							
Partition removal,metal studs,lath and plaster, Tay's	385.00 SF	0.00	1,266.70	0.00	0.00	0.00	1,266.70
Door removal,metal,single,3'x7', Tay's	27.00 EA	0.00	3,331.80	0.00	0.00	0.00	3,331.80
Window removal,incl trim,metal, Tay's	1.00 LS	0.00	1,234.00	0.00	0.00	0.00	1,234.00
Rubbish handling,load in dumpster or truck,max	900.00 CF	0.00	1,480.80	0.00	0.00	0.00	1,480.80
Asbestos Abatement, Tay's	385.00 SF	1,925.00	3,850.00	0.00	0.00	0.00	5,775.00
Sealants & caulking,polyurethane,1/2 x 7/8, Tay's	1,000.00 LF	1,540.00	3,231.11	0.00	0.00	0.00	4,771.11
Storefront,aluminum & glass,maximum, Tay's	500.00 SF	39,685.00	5,800.29	0.00	0.00	0.00	45,485.29

Description	Quantity	Material	Labor	Sub	Equip	Other	Total
Entrance doors,1" thick glass,3' x 7', Tay's	27.00 EA	107,142.75	18,792.00	0.00	0.00	0.00	125,934.75
Plaster,patch holes,1-5 sf,max, Tay's	385.00 SF	3,946.25	5,651.80	0.00	0.00	0.00	9,598.05
Stucco,white cem,3 coats,1" thick,sand finish, Tay's	500.00 SY	4,170.00	13,345.59	0.00	0.00	0.00	17,515.59
Stucco,white cem,3 coats,1" thick,trowel finish, Tays	7,500.00 SY	137,550.00	314,571.11	0.00	0.00	0.00	452,121.11
Totals		295,959.00	372,555.20	0.00	0.00	0.00	\$668,514.20
BB Student Union							
Partition removal,metal studs,lath and plaster, Student Union	5,220.00 SF	0.00	17,177.28	0.00	0.00	0.00	17,177.28
Door removal,metal,single,3'x7', Student Union	9.00 EA	0.00	1,110.60	0.00	0.00	0.00	1,110.60
Window removal,incl trim,metal, Student Union	1.00 LS	0.00	987.20	0.00	0.00	0.00	987.20
Rubbish handling,load in dumpster or truck,max	1,500.00 CF	0.00	2,468.00	0.00	0.00	0.00	2,468.00
Asbestos Abatement, Student Union	180.00 SF	900.00	1,800.00	0.00	0.00	0.00	2,700.00
Wall sheathing,plywood,CDX,5/8" thick, Student Union	5,220.00 SF	6,159.60	5,481.00	0.00	0.00	0.00	11,640.60
Sealants & caulking,polyurethane,1/2 x 7/8, Student Union	1,000.00 LF	1,540.00	3,231.11	0.00	0.00	0.00	4,771.11
Storefront,aluminum & glass,maximum, Student Union	450.00 SF	35,716.50	5,220.00	0.00	0.00	0.00	40,936.50
Entrance doors,1" thick glass,3' x 7', Student Union	9.00 EA	35,714.25	6,264.00	0.00	0.00	0.00	41,978.25
Stucco lath,paper backed,max, Student Union	560.00 SY	2,878.40	5,040.00	0.00	0.00	0.00	7,918.40
Plaster,patch holes,1-5 sf,max, Student Union	180.00 SF	1,845.00	2,642.40	0.00	0.00	0.00	4,487.40
Stucco,white cem,3 coats,1" thick,trowel finish, Student Union	560.00 SY	11,390.40	32,883.20	0.00	0.00	0.00	44,273.60
Totals		96,144.15	84,304.79	0.00	0.00	0.00	\$180,448.94
A4 Academic Support Center							
Partition removal,metal studs,lath and plaster, Academic	900.00 SF	0.00	2,961.60	0.00	0.00	0.00	2,961.60
Rubbish handling,load in dumpster or truck,max	800.00 CF	0.00	1,316.06	0.00	0.00	0.00	1,316.06
Wall sheathing,plywood,CDX,5/8" thick, Academic	900.00 SF	1,062.00	945.00	0.00	0.00	0.00	2,007.00
Sealants & caulking,polyurethane,1/2 x 7/8, Academic	100.00 LF	154.00	322.88	0.00	0.00	0.00	476.88
Stucco lath,paper backed,max, Academic	100.00 SY	514.00	900.11	0.00	0.00	0.00	1,414.11
Stucco,white cem,3 coats,1" thick,trowel finish, Academic	100.00 SY	2,234.00	9,786.42	0.00	0.00	0.00	12,020.42
Totals		3,964.00	16,232.07	0.00	0.00	0.00	\$20,196.07
Sub-Total (Base Cost)		695,418.35	749,970.86	0.00	0.00	0.00	\$1,445,389.21

Estimate Summary



- Material [\$695,418]
- Labor [\$749,971]
- SubContractor [\$0]
- Equipment [\$0]
- Other [\$0]

Description		Total
Sub-Total (Base Cost)		\$1,445,389.21
Sub-Total (Direct Cost)		\$1,445,389.21
Overhead	10.0000%	144,538.92
Profit	15.0000%	238,489.22
Contingency	10.0000%	182,841.74
E Factor	5.0000%	100,562.95
Sub-Total (Indirect Cost)		\$2,111,822.04
Architect/Engineer	10.0000%	144,538.92
Administration Costs	4.2500%	95,895.34
NMGRT	8.1300%	191,238.44
Total Estimate		\$2,543,494.74



BE BOLD. Shape the Future.
Facilities and Services

Project Request Form

Directions

Please complete all sections. This form should be completed, signed, scanned, and submitted via email to fsprojects@nmsu.edu or printed, signed, and placed in interoffice mail to: Facilities & Services (FS), MSC 3545, Attn: Project Development and Engineering.

Request Information

College / Division: NMSU-Alamogordo Department: _____ Dept Org: _____
 Name: Robert Estarda Email: robrada@nmsu.edu Phone: 646-2683
 Index: _____ Amount Allocated for Project: _____

Per NMSU Policy 1A.05.30: for projects \$10,000 or greater, the funds will be transferred from department's index to a new plant fund index under Facilities and Services Project org (500760).

Project Information

Budgetary Estimate (no charge to index) New Construction Repair / Maintenance Project
 Renovation / Alteration Equipment / Furniture Landscape / Site
 Feasibility Study Master Plan Other: _____

Bldg. / Site Name: Campus Wide Bldg. Number: _____

Room Number: _____ Req. Completion Date: _____

If an estimate has been completed for this project request, please list the budgetary estimate Project/Work Order #: _____

Project Description (be detailed, attached sketches, plans, or specs)

Site Improvements to include Professional Tech. and Student Union Building windows and stucco repairs campus-wide

Annual Capital Outlay. Five year Facilities Plan. 2023-2024 (Severance Tax Bond Year)

Project Approval

Authorized signature is required for project to be considered.

Jose Loera
Dean / AVP Print Name

Jose Loera
Dean / AVP Signature

2/1/21
Date

For Facilities and Services Use Only:

Date Received by FS: 1/27/21 AiM Project/Customer Service #: 4155
 Date Reviewed by Triage: _____ Date Assigned to FS Representative: 2/1/21
 Date Entered into AiM: 2/1/21 FS Representative: Robert Estrada