

# Budgetary Estimate

Grants- Campus Wide Safety/Security Upgrades

4/22/2022

New Mexico State University

Robert Estrada, Assistant Director



Facilities and Services

**Project Development  
and Engineering**

April 22, 2022

Heather Watenpaugh  
New Mexico State University

Dear Heather,

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](mailto: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  
Assistant Director

**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 conceptual cost to install a campus wide blackboard system for card entry.

## **Project Scope**

Remove existing exterior doors and replace with new doors with compatible hardware for the new card reader system. Connect to electrical power from rough in at door operators. Install new blackboard panel and route wiring to exterior doors. Connect door hardware to blackboard card reader and service panel. Patch and paint walls as needed.

## **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](http://www.ofs.nmsu.edu/req_selection.htm)

## **Inclusions**

### **The budgetary estimate for the above reference includes the following:**

- Remove and dispose of existing doors
- 21- New exterior doors with door hardware
- Complete blackboard system with panels, readers, controllers, and contacts
- All electrical wiring
- Patching and painting for all finishes

## **Exclusions**

### **The budgetary estimate does not include:**

- Escalations on material and labor
- Upgrades to electrical system

**Estimate: 4158 Grants Campus Wide  
Safety/Security Upgrades**

**Estimator: Robert Estrada**

**Division Items**

Description	Quantity	Unit Price	Total Estimate
<b>02 SITE CONSTRUCTION</b>			<b>\$3,428.19</b>
Door removal,metal,single,3'x7'	21.00 EA	\$163.25	\$3,428.19
<b>08 DOORS AND WINDOWS</b>			<b>\$330,533.96</b>
Door,metal,h-duty,hm,18 ga,2",unrated,3-0 x 7-0	21.00 EA	\$1,235.31	\$25,941.42
Add for fire rating,1-1/2 hour	21.00 EA	\$96.96	\$2,036.08
Access control,7'hi,impenetr,remote/card,type AA	21.00 EA	\$11,272.16	\$236,715.28
Panic device,vertical rod	21.00 EA	\$2,822.76	\$59,277.89
Panic device,labeled,vertical rod, demo	21.00 EA	\$312.54	\$6,563.28
<b>09 FINISHES</b>			<b>\$31,043.38</b>
Patching,Painting,1-5 sf	1,200.00 SF	\$25.87	\$31,043.38
<b>26 ELECTRICAL</b>			<b>\$37,668.65</b>
Flex wiring,2 wire switch & receptacle cables,40'	21.00 EA	\$1,365.12	\$28,667.58
EMT conduit,1"	800.00 LF	\$11.25	\$9,001.07
<b>Total Estimate</b>			<b>\$402,674.18</b>

**Indirect cost Details**

Description	Percentage	Amount	Type	Cost Types	Total	Compound
Administration Costs	9.0000%	0.00	Markup	All Cost Types	27,954.45	yes
Architect/Engineer	10.0000%	0.00	Markup	All Cost Types	33,855.95	yes
NMGRT	8.1250%	0.00	Markup	All Cost Types	30,258.75	yes
<b>Total Estimate</b>					<b>\$402,674.18</b>	



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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](mailto: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-Grants 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: \_\_\_\_\_ 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)

Campus-wide infrastructure and safety/security upgrades.

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 #: 4158  
 Date Reviewed by Triage: \_\_\_\_\_ Date Assigned to FS Representative: 2/1/21  
 Date Entered into AiM: 2/1/21 FS Representative: Robert Estrada