

# Budgetary Estimate

## 4120 Alex Sanchez Hall Chiller and Cooling Tower Replacement

2/15/2021

New Mexico State University

Robert Estrada, Estimator/Project Manager Sr.



Facilities and Services

## Project Development and Engineering

February 15, 2021

Michael Luchau  
Facilities Manager  
DACC  
New Mexico State University

Dear Mike,

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, Assistant 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 conceptual cost to replace one of the existing chillers and cooling tower at Alex Sanchez Hall.

## **Project Scope**

Dismantle and remove existing cooling tower demolish wall section to access mechanical area disconnect and remove existing chiller. Prepare area for new chiller and prepare slab and connections for new cooling tower and install. Replace wall section and mechanical room door, make new connections and test, complete repairs and touch ups.

## **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:**

- Demolition of wall to mechanical room
- Removal of chiller and cooling tower
- Installation of new chiller and tower
- Replacement of wall and door to mechanical room
- Testing and commissioning

## **Exclusions**

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

- Escalations on material and labor
- Modifications to perimeter walls/fencing

**Division Totals**

Description	Total Estimate	Job
01 GENERAL	\$28,509.33	4.51%
02 SITE CONSTRUCTION	\$30,724.58	4.86%
04 MASONRY	\$5,828.41	0.92%
08 DOORS AND WINDOWS	\$3,999.86	0.63%
09 FINISHES	\$8,407.08	1.33%
23 HVAC	\$554,366.77	87.74%
<b>Total Estimate</b>	<b>\$631,836.03</b>	<b>100.00%</b>



# Facilities and Services Project Request Form

## Directions

Please complete all sections. This form should be completed, signed, scanned, and submitted via email to [ofsprojects@nmsu.edu](mailto:ofsprojects@nmsu.edu) OR printed, signed, and placed in interoffice mail to: Facilities & Services, MSC 3545, Attn: Project Design Group.

## Request Information

College / Division: DACC Department: Facilities Support Dept Org: 941232  
 Name: Mike Luchau Email: mluchau@dacc.nmsu.edu Phone: 527-7718  
 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  Other: \_\_\_\_\_

Bldg. / Site Name: Alex Sanchez Hall Bldg. Number: 341  
 Room Number: M 70A Req. Completion Date: 01/15/2021

If an estimate has been completed for this project request, please list the Budgetary Estimate Work Order #: \_\_\_\_\_

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

Please provide a budgetary Estimate to replace the York Chiller and associated Marley Cooling tower in the South "Pad A" Mechanical area. at the Espina Campus Estimate is needed for Capitol Outlay Planning. Contact Mike Luchau to schedule a site visit.

## Project Approval

Kelly Brooks

Dean / AVP Print Name

Kelly Brooks

Dean / AVP Signature

Digitally signed by Kelly Brooks  
Date: 2020.12.04 12:25:07 -07'00'

12/04/2020

Date

### For Facilities and Services Use Only:

Designed By (F&S/ external): \_\_\_\_\_ Constructed by (F&S/ JOC/ RFP): \_\_\_\_\_  
 Date Received by F&S: 12/4/20 Project Number: 4120  
 Date Entered into AIM: 12/7/20 Project Manager: Robert Estrada