

Budgetary Estimate

Alamogordo- ProTech Center HVAC 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. 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 cost to replace HVAC equipment for the ProTech Center at the Alamogordo Campus

Project Scope

Remove existing HVAC controls and replace with new system to tie into campus wide integrated monitoring. Remove and replace ductwork to accommodate new air handling units. Install new multi zone variable refrigerant flow system with dedicated outside air handler.

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:

- Demolition of existing system
- Install of new ductwork and refrigerant piping
- New return grilles and diffusers
- 1 DOAS Air Handler
- 11 Fan Coil Units
- 20 Dual duct units
- 2 VRF units
- Repairs and patching to all exterior and interior finishes

Exclusions

The budgetary estimate does not include:

- Escalations on material and labor
- Upgrades to electrical system

**Estimate: 05 Alamogordo Pro-Tech
Center HVAC Replacement**

Estimator: Robert Estrada

Division Items

Description	Quantity	Unit Price	Total Estimate
23 HVAC			\$1,322,784.26
HVAC Replacement and Controls Upgrades	1.00 LS	\$1,322,784.26	\$1,322,784.26
Total Estimate			\$1,322,784.26

Indirect cost Details

Description	Percentage	Amount	Type	Cost Types	Total	Compound
Administration Costs	6.0000%	0.00	Markup	All Cost Types	62,952.88	no
Architect/Engineer	10.0000%	0.00	Markup	All Cost Types	111,216.75	yes
NMGRT	8.1250%	0.00	Markup	All Cost Types	99,399.97	yes
Total Estimate					\$1,322,784.26	