

#8

COMPLETE

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Page 1: For Annual Planning/Program Review Requests AND Off-Cycle Requests

Q1**2022-2023**

Technology Plan Year

Q2

Title of Request

Replacement & Update of NOAA volunteer Weather Station Equipment

Q3

Location of Request

H-224

Q4

Department

Earth Sciences

Q5

Contact Person

Name

Alexandra Neri

Email Address

alexandra.neri@gcccd.edu**Q6**

DescriptionPlease provide a brief description of the technology/software or technology project and its core goal(s).

Purchasing of new equipment and software to continue our partnership with NOAA as a volunteer weather station site. Our current materials are outdated and faulty, often sending incorrect data or no data at all. Repairing outdated equipment is not an option for our materials & replacing is the better option financially.

Page 2: Proposal Justification

Q7

Please explain how the technology or enhancement supports the strategic plan and impacts students, employees, the college, and/or the district. Which Strategic Plan priority (or priorities) are supported by this request? To access the Strategic Plan, please click [here](#).

Increase completion and eliminate equity gaps (graduating with a degree/certificate, or transferring)

,
Other (please specify):
Honor contract with NOAA

Q8

How does the request support the above priorities?

The data provided by our equipment to NOAA is negatively affecting the weather data reporting for the area and degrading the quality of their reports that are reflected in the apps we use daily. Replacing this equipment would maintain our relationship with NOAA and remedy the situation.

Q9

Who would this impact? Please select all that apply.

College,
Other (please specify):
Community & NOAA Weather Study

Q10

What is the number of students or employees impacted per semester?

100

Q11

How would this impact the above group(s)?

See attached

Q12

Yes

Does the technology support a state-wide initiative or is it a legal mandate or in support of a legal mandate?

Q13

If yes, please explain how the technology supports a state-wide initiative or is it a legal mandate or in support of a legal mandate?

It supports the community at large and verifies weather advisory warnings, climate and weather reports as well as the media who often broadcasts the information.

Q14

Please be aware that projects, once approved, are typically scheduled 6 months to a year in advance. Consider the consequences if the technology/software is not implemented, upgraded or renewed. What are the consequences if the technology/software is not implemented/upgraded, or renewed? Examples: Security concerns, loss of FTES, mandates, accreditation, etc.

Our immediate consequence of not continuing or maintaining support for this project is polluting the overall data pool with inaccurate data and damaging the recordkeeping within the Mesonet. This would also jeopardize our relationship with the NOAA and take away a valuable resource for those students who show an interest in weather and climate earth sciences.

Q15

What is your preferred time for implementation?

As soon as possible; preferably by spring semester 2023

Q16

Tell us how the data you have supports the implementation of the technology. This can be qualitative or quantitative in the form of surveys, observations, SLO or other assessment data, institutional research data or other reports and data.

see attached

Q17

4

How critical is this need in terms of supporting curriculum and services?

Q18

Please attach any supporting data/documentation using the "Upload" button below.

Supporting%20Documentation%20for%20PR%20Application.docx (1.8MB)

Page 3: COST ANALYSIS

Q19

Hardware

Is the request for hardware or software?

Q20

Upgrade (replacing outdated technology)

Is the request for new or an upgrade to existing technology?

Q21

Total initial cost of request: This includes hardware and software maintenance, licence, taxes, fees, shipping, storage, etc. Contact Bryan Cooper for assistance.

see attached

Q22

General Fund

Funding Source:

Q23

Please attach quote using the "Upload" button below.

Davis%206152%20Wireless%20Vantage%20Pro2%20Weather%20Station%20_%20Home%20Weather%20Station%20-%20Scientific%20Sales.pdf (322.8KB)

Page 4: Grant Funding Source

Q24

Respondent skipped this question

Please specify the grant that will fund the technology you are requesting.

Page 5: Evaluation Plan

Q25

Evaluationi. How do you plan to evaluate the technology after implementation?

Quarterly maintenance checks with our designated contact at NOAA to ensure the equipment is working. Following up and troubleshooting whenever suspect data is reported to the Mesonet by our weatherlink.

Page 6: Type of Request

Q26

No

Is this an Off-Cycle Request (e.g., not part of the annual planning/program review process)?

Page 7: Off-Cycle Requests Only

Q27

Respondent skipped this question

What are the exigent circumstances and/or contributing factors that would qualify this request to be eligible for Off-cycle consideration? Please explain why this request cannot wait until the next annual planning cycle.

Page 8: Technology Request Process

Q28

Respondent skipped this question

How can the Technology Request process be improved for next year?

Page 9: Ready to Submit

Q29

Yes

Are you ready to submit your technology request?
