



C-5529 Precision Agriculture Infrastructure Grant (PRO-AG) Grant Application

IMPORTANT: Applicants are strongly advised to carefully examine the PRO-AG Program Guide and PRO-AG Scoring Reference Sheet for details regarding application and attachment requirements, including but not limited to details on application field descriptions, attachment content, and requirements.

Section I: Applicant Details

1. Subprogram Type:	Connectivity Subprogram
2. Applicant name:	21st Century Equipment
3. Applicant type:	Agricultural Cooperative
4. Applicant street address:	601 5th Ave.
4a. Applicant city:	Scottsbluff
4b. Applicant state:	NE
4c. Applicant zip code:	69361
5. Applicant contact (first and last name):	Michael Wemhoff
6. Applicant e-mail:	mwemhoff@21stcenturyequip.com
7. Applicant phone number:	515-343-7718
8. <i>Connectivity Subprogram Only:</i> Applicant's Nebraska ETC Status:	Not applicable
9. <i>Connectivity Subprogram Only:</i> Does the applicant currently report through FCC BDC speeds of at least 100/20 Mbps provided to customers within the State of Nebraska?	Yes

Section II: Project Details

1. Project name:	John Deere Equipment Connectivity		
2. Precision agriculture production type:	Animal and Crop Production		
3. Project location description:	This project covers 21 counties in western Nebraska where 21st Century Equipment is responsible for John Deere sales.		
4. Estimated number of locations served in project area:	120 farm organizations		
5. Technology type(s) used in proposed project:	4G Cellular modems to connect machines.		
6. Start Date:	03/15/2024	7. Expected completion date:	12/31/2024
8. Total Project Cost:	\$207,000	9. Total Match Amount:	\$0
10. PRO-AG Grant Amount Requested:	\$207,000		

Connectivity Subprogram Only:

11. Farm Site Size (acres):	18,531,667	12. Number of Key Operational Locations:	120
13. Number of Connected On-Farm Entities:	345	14. Current maximum connection speed bandwidth in project area in Mbps: <i>(Must be < 25/3 Mbps)</i>	0/0
15. Speeds upon completion: <i>(Must be 100/20 Mbps or >)</i>	150/50	16. Monthly customer rate for proposed 100Mbps/ 20Mbps service:	\$0

Attach/Include (see Program Guide for details):

ALL Applicants Must Include:

- Attachment A. Business Plan
- Attachment B. Legal
- Attachment C. Technical Summary
- Attachment D. Cybersecurity
- Attachment E. Match Documentation
- Attachment F. Monitoring and Evaluation

- Attachment G. Project Impact
- Attachment H. Other supporting documentation (if applicable)

Connectivity Subprogram Applicants Must Also Include:

- Attachment I. Shapefiles
- Attachment J. Project Diagram

APPLICANT CERTIFICATION:

I, the undersigned Michael Wemhoff, representing 21st Century Equipment, hereby certify the eligibility of our entity/project for the Precision Agriculture Grant (PRO-AG). By signing this statement, I confirm the legal name, contact details, size, and location of the farm site(s), along with our eligibility type as a Agricultural Cooperative. Attached are supporting documents validating our eligibility, and I declare adherence to all requirements outlined in Precision Agriculture Connectivity Infrastructure Grant Act (Neb. Rev. Stat. § 86-1401 et seq.) & Commission Order C-5529. I certify that the information submitted on the application and all supporting documents are true and correct. I certify that the applicant entity is not currently using, nor will it use prohibited communications equipment and services developed by organizations on the Federal Communications Commission's Covered List.

This application accepts handwritten, electronic, and typed signatures, all of which carry equal legal weight. Your signature, in any of these forms, confirms the accuracy and authenticity of the provided information. It will be considered binding for all purposes related to this application and any subsequent agreements or certifications.

Michael Wemhoff

02/23/2024

Printed Name of Authorized Person

Date

VP Precision Ag Technology

Title of Authorized Person


Signature of Authorized Person

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