

**City of Casa Grande**  
**Casa Grande Police Department**  
**Laser Scanner for Forensic Scene Reconstruction**  
**Tohono O'odham Nation-12% Gaming Distribution**  
**June 2021**

**a) Explain the perceived need and explain how the proposal will address that need.**

The Casa Grande Police Department seeks to improve the method and mechanics of crime scene investigations. Our proposal seeks to obtain a modern computer-aided measurement and imaging device and software, such as a 3D laser scanner, that can be used in a variety of crime scenes by law enforcement personnel.

A 3D laser scanner is advantageous when investigating crime scenes because of the precision and accuracy of its measurements and ability to capture the scene. This equipment can be used for accident reconstruction, crime scene investigation, arson investigation, post blast investigation, fire and security pre-plans, bullet trajectory, bloodstain pattern analysis and map critical infrastructure such as utility companies.

This technology will significantly reduce the time it takes for investigators to properly document and process a crime scene. It will increase the effectiveness of documenting, measuring, and analyzing forensic scenes, providing investigators the ability to put together an exceptional case for prosecutors, and create a more accurate depiction of the crime scene for those who were not present.

The current method of processing crime scenes is outdated and time consuming. The average fatal vehicle collision takes about 6-7 hours to investigate with a team of 4-6 investigators, patrol officers, and crime scene technicians. Larger crime scenes can extend well past 24 hours with numerous police personnel assigned to investigate. This equipment will allow them to quickly capture the scene, measure and analyze. When presenting in court, investigators can show a visual depiction of a crime scene that can be viewed from any angle and produce depictions that viewers of the final product can "view" and virtually "walk-through" crime scenes to see the location of evidence and how the scene was found when law enforcement arrived.

Members of the Traffic Unit and Crime Scene Investigators will be the primary users of this technology. Each traffic officer assigned to the Traffic Unit receives extensive training in vehicular homicide investigation, reconstruction schools and are certified in the latest technology used for traffic investigations. It is our intention to utilize this

equipment in all serious injury collisions, fatal vehicle collisions and any major violent crime scene.

**b) Describe the population who will benefit from the proposal if approved.**

The City of Casa Grande has a population of over 60,000 full time residents and an additional 15,000 to 20,000 winter visitors call Casa Grande home during the months of October through May, bringing our population to about 80,000. This does not include the service population that visits the city on a daily basis from neighboring communities.

The Casa Grande Police Department has a long history of assisting surrounding communities with law enforcement needs and resources and will respond promptly to requests for assistance from those communities.

**c) Include a budget of the requested funds, with the total amount requested clearly notated.**

Laser Scanner – \$46, 561.61  
Training course – \$9130.00  
Accessories/licenses/warranties - \$30,733.32  
Total - \$95, 311.43  
Discount of \$8,886.50 applied.  
Total grant request of \$86,424.93

**d) List any other funding requests that have been made for this or substantially related proposals and provide the status of those requests.**

No other funding requests for this equipment have been submitted.

**e) Indicate whether the entity has already received 12% distribution from the Tohono O’odham Nation or other Arizona tribes, along with the amount and date awarded.**

The Casa Grande Police Department has been fortunate to receive the following grants in the past 5 years:

- 2018 – Gila River Indian Community awarded the Casa Grande Police Department \$51,080.60 for the purchase of two Wireless Closed Circuit Television (CCTV) solar trailers.

- 2018 – Ak-Chin Indian Community awarded the Casa Grande Animal Care and Adoption Center \$28,489.00 to install a shade structure over the intake and receiving area and play area at Animal Care and Adoption Center.
- 2020 – Gila River Indian Community awarded the Casa Grande Police Department \$85,146.08 for Motorcycle replacements.
- 2020- Ak Chin Indian Community awarded the Casa Grande Police Department \$30,034.24 for Forensic Phone Investigation tools.

**f) Identify a designated contract person and alternate contract person for follow-up, including e-mail address, phone number, mailing address, and fax number for these persons.**

Name: Brian Ramirez, Lieutenant Casa Grande Police Department  
Mailing Address: 373 E. Val Vista Blvd., Casa Grande, AZ 85122  
Phone: (520) 421-8711 ext. 6840  
Fax: (520) 421-8708  
Email: [Bramirez@casagrandeaz.gov](mailto:Bramirez@casagrandeaz.gov)

Name: Jeff Cardita, Sergeant Casa Grande Police Department  
Mailing Address: 373 E. Val Vista Blvd, Casa Grande, AZ 85122  
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Fax: (520) 421-8708  
Email: [Jcardita@casagrandeaz.gov](mailto:Jcardita@casagrandeaz.gov)

**g) Indicate which priority area the proposal falls under.**

The priority area is under Public Safety. The ability to respond immediately and effectively to a crime scene or serious traffic accident is critical to the successful completion of an investigation to help determine the facts. The equipment will be available at all times, on every shift, and integrated into the routine operations of the traffic and ID units. With the proper equipment, we can expand our capabilities and strengthen our capacity to respond to critical incidents that jeopardize the safety and well-being of our community.

**h) Authority to apply**

See authorization letter.



City of Casa Grande  
510 E. Florence Blvd,  
Casa Grande, AZ 85122

June 10, 2021

Chairman Ned Norris Jr.  
Tohono O'odham Nation  
P.O. Box 837  
Sells, Arizona 85634

Dear Chairman Norris,

I authorize the submission of the City of Casa Grande Laser Scanner for Forensic Scene Reconstruction application for the 12% Gaming Distribution for the Tohono O'odham Nation. If awarded, I am authorized by the Mayor and City Council to enter into a grant agreement.

On behalf of the City of Casa Grande, thank you in advance for your consideration of city projects. The City looks forward to continuing our long standing partnership. If you have any questions or need further information, please contact me at (520) 421-8600 or at [LarryR@casagrandeaz.gov](mailto:LarryR@casagrandeaz.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Larry Rains', written over a horizontal line.

Larry Rains  
City Manager