

RESOLUTION NO. _____

A RESOLUTION OF THE COUNCIL OF THE CITY OF FRESNO, AUTHORIZING THE ESTABLISHMENT OF A CONTRACT FOR AUGMENTED REALITY MAPPING SYSTEM (ARS) FROM CHURCHILL NAVIGATION OF BOULDER, COLORADO WITHOUT ADVERTISED COMPETITIVE BIDDING.

WHEREAS, The Fresno Police Department is in need of mission management mapping software to provide unlimited parcel data, 3D synthetic imagery, geointing and accuracy information by members of the Air Support "Skywatch" Unit to patrol officers on the ground within the City of Fresno and surrounding areas; and

WHEREAS, the Churchill Navigation System depicts streets, intersections, businesses, schools and other points of interest in real time onto live video coupled with 3D satellite and synthetic imagery. The system depicts geographical headings and ground speeds in MPH onto live video, has the ability to mark precise locations via touchscreen monitor, has the ability to mark precise locations based on name, address, latitude and longitude, has highly-accurate search abilities for Fresno streets, businesses, schools, and other Points-of-Interest, and has built in high definition recording that can be downloaded to a thumb drive; and

WHEREAS, when Skywatch is in the air and available, they are first on scene in over 80% of high priority calls they respond to due to the computer in the helicopter that displays CAD the second the call is created and the location where Skywatch will fly. The Fresno Police Department has the need for a computerized mapping system for Skywatch helicopters that overlays precise map locations onto live video. The system must work seamlessly with the helicopter's current CCD/FLIR camera and touchscreen monitor and

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Date Approved:

Effective Date:

City Attorney Approval: *kc*

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have the ability to work with older generation equipment that is currently on both Skywatch helicopters; and

WHEREAS, the Fresno Police Department researched and found that only two vendors could provide the very specific components needed for Skywatch helicopters, Aerocomputer and Churchill Navigation; and

WHEREAS, In-flight testing was done in a Skywatch helicopter with both Aerocomputer and Churchill. Although both products were similarly priced, the new Aerocomputer 6000 did not work properly with our touchscreen monitor, causing a failure that required the monitor be sent back to the factory to repair. In contrast, the Churchill system worked with our current equipment flawlessly.

WHEREAS, after investigation by The Fresno Police Department and review by the Purchasing Manager, it has been determined that the mission mapping software identified and capabilities it provides are available only from Churchill Navigation respectively; and

WHEREAS, the Purchasing Manager represents that the one-time cost with no annual fee and lifetime updates for software and map data at no extra charge, mission mapping software from Churchill Navigation of Boulder, Colorado, will not exceed \$337,000; and

WHEREAS, the system will have free technical support, free on-site training, free software and map updates and built in warranty; and

WHEREAS, City of Fresno Charter Section 1208 requires competitive bidding for materials, supplies, equipment or for any public work of improvement involving the expenditure of City monies in excess of \$141,000.00, unless Council determines that the work to be done or the goods to be supplied can only be provided by one source, and the

purchase is authorized by resolution of Council containing a declaration of the facts constituting the sole source.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Fresno as follows:

The Council has received and considered the report and recommendations of City staff.

1. The purchase of mission management software for use by members of the Air Support "Skywatch" Unit by providing critical mapping information to patrol officers in the City of Fresno and surrounding areas.

2. The software meeting the needs of the Fresno Police Department as a whole are available only from Churchill Navigation.

3. The Council finds it proper for the City to dispense with the competitive bidding requirements, and the Chief of Police is authorized to enter into an Agreement for mission mapping software from Churchill Navigation of Boulder, Colorado, not to exceed \$337,000, which is the amount of the funds appropriated for this purchase.

STATE OF CALIFORNIA)
COUNTY OF FRESNO) ss.
CITY OF FRESNO)

I, YVONNE SPENCE, City Clerk of the City of Fresno, certify that the foregoing resolution was adopted by the Council of the City of Fresno, at a regular meeting held on the _____ day of _____ 2020.

AYES :
NOES :
ABSENT :
ABSTAIN :

Mayor Approval: _____, 2020
Mayor Approval/No Return: _____, 2020
Mayor Veto: _____, 2020
Council Override Vote: _____, 2020

YVONNE SPENCE, MMC CRM
City Clerk

By: _____
Deputy Date

APPROVED AS TO FORM:
DOUGLAS T. SLOAN
City Attorney

By: _____
Kristi Costa Date
Deputy City Attorney