

RESOLUTION 2022-12

**AUTHORIZING A PROFESSIONAL SERVICES CONTRACT WITH
SPATIAL WAVE OF LAGUNA OF LAGUNA HILLS, CA,
FOR IMPLEMENTATION OF AN AUTOMATED ASSET MANAGEMENT AND WORKFLOW
SYSTEM, INCLUDING UPDATED GIS MAPPING, FOR A TOTAL AMOUNT OF \$70,528**

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MID-PENINSULA WATER DISTRICT

WHEREAS, the Mid-Peninsula Water District (District) operates a water system comprised of 94 miles of pipelines in various sizes from 4-inch to 24-inch, 11 water storage tanks located at six different sites, nine pressure zones, eight pump stations with 19 operational pumps, 25 strategically located pressure regulating valves, 847 fire hydrants, 2,780 system valves, eight emergency interties with adjacent water systems for emergencies and a lot of As-Built construction plans of facilities in paper and digital format; and

WHEREAS, the District has sought a product and/or solution to take and gather existing field data, take As-Built plan information, and update GIS data and place it into a functional, comprehensive and useable solution that makes District employees more efficient in their roles as water system operators; and

WHEREAS, Spatial Wave has been in the business of asset management, GIS services and application integration with other partners for some 25 years and offers an asset management solution for water, wastewater, facility, roads, and park operations; and

WHEREAS, the professional services agreement with Spatial Wave will make us of existing District GIS data, As-Built plans, and planned field visits to bring the District's data into a common platform known as the Spatial Wave Field Mapplet solution that will allow the District to use this GIS-enabled mobile platform at a desk or in the field to manage assets and work assignments; and

WHEREAS, the District has selected to start with four initial field tasks: fire hydrant flushing and maintenance, valve exercising, leak tracking and USA utility locating using the Spatial Wave Field Mapplet. The cost of service from Spatial Wave includes the first year of server and software costs.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Mid-Peninsula Water District authorizes a Professional Services Contract with Spatial Wave the District GIS data preparation and Field Mapplet Workflow implementation in the amount of \$55,528, and the first year of server and software costs at \$15,000 for a total amount of \$70,528.

REGULARLY PASSED AND ADOPTED this 26th day of May 2022 by the following vote.

AYES: Zucca, Vella, Schmidt, Wheeler

NOES: None

ABSTENTIONS: None

ABSENCES: Jordan

DocuSigned by:

Kirk Wheeler

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Board President

ATTEST:

DocuSigned by:

Monique Madrid

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Board Secretary