

Geospatial Holdings' Team Awarded Multi-Year Contract to Map Underground Utilities in the Port of Gulfport, Mississippi

Company Forms Geospatial Mapping Gulf Coast, LLC Subsidiary

PITTSBURGH, Aug 18, 2009 (BUSINESS WIRE) -- Geospatial Holdings, Inc. (OTCBB:GSPH) announced today that the Company has been selected as a part of a team selected to provide underground pipeline utility location and mapping services over a three-year period to the Mississippi State Port Authority at Gulfport, Mississippi.

On August 29th, 2005, Hurricane Katrina made landfall on the Mississippi Gulf Coast, resulting in one of the worst natural disasters in the United States history. The Port of Gulfport's electrical power supply, roads, water, sewer, rail, small craft harbor fender systems, navigational aids, and lighting and security systems were all destroyed or severely damaged by the storm.

As a result of this unprecedented storm, Federal aid has been allocated to the State of Mississippi to assist in recovery and rebuilding efforts. The Port is designated as a key element in these efforts and the Port of Gulfport Restoration Program was developed to establish a sustainable port facility capable of repositioning itself in the maritime marketplace and providing jobs to Mississippi residents.

The Mississippi State Port Authority at Gulfport has retained the team of Mississippi Engineering Group, Inc., Geospatial Mapping Gulf Coast, LLC (a wholly-owned subsidiary of Geospatial Holdings, Inc.), and Pickering Engineers to provide a program to locate, verify and map all above-ground and below-ground utilities throughout the entire Port area prior to the rebuilding of the Port.

Mark Smith, Geospatial's CEO stated, "This contract, which should result in as much as \$3 million in revenue to Geospatial over the next three years, was awarded based strictly on corporate capabilities and is a testament to Geospatial's technologies. Our Geospatial Smart Probe Mapping Technologies and our GeoUnderground Portal provide valuable information to manage all types of critical infrastructure."

About Geospatial Holdings

www.geospatialholdings.com

Geospatial Holdings utilizes proprietary 3D sensing technologies to locate, map, perform condition assessment, and detect leaks of underground pipelines. Geospatial's technologies include smart probes which can be deployed from within the pipeline. When coupled with commercially available condition assessment technologies or enhanced geo-referenced underground imaging technologies Geospatial is capable of creating 3-D geo-referenced maps showing the accurate position of both the pipeline and the anomalies within the pipeline.

All data derived from Geospatial's sensing technologies is geo-referenced allowing the data to be managed and viewed in 3D within the Company's robust web-based GeoUnderground GIS (geographic information system) Portal.

Geospatial's business plan calls for a rapid low-cost deployment of our GeoUnderground Portal across large numbers of municipalities throughout the USA and abroad. The advantages to the municipalities that elect to use GeoUnderground and gather 3-D data are a) accurate geo-referenced pipeline location and condition data, b) simple data management applications and c) seamless information sharing within the organization, regionally, state-wide and across all Federal agencies.

The benefit to the state and Federal agencies is access to well organized, accurate pipeline infrastructure location and condition information immediately available in an open-source format in the event of a natural disaster or terrorist threat.

Additional info on GeoUnderground can be obtained at <http://www.geospatialcorporation.com/flashTutorial.html>

Forward-Looking Statements

The Private Securities Litigation Reform Act of 1995 provides a "safe harbor" for forward-looking statements. The Company makes forward-looking statements in this news release that represent the Company's beliefs or expectations about future events or financial performance. These forward-looking statements are based on information currently available to the Company and on management's beliefs, assumptions, estimates and projections and are not guarantees of future events or

results. When used in this document, the words "anticipate," "estimate," "believe," "plan," "intend," "may," "will" and similar expressions are intended to identify forward looking statements, but are not the exclusive means of identifying such statements. Such statements are subject to known and unknown risks, uncertainties and assumptions, including those referred to in the "Risk Factors" section of the Company's Annual Report on Form 10-K for the year ended December 31, 2008 and in the "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" sections of the Company's Report on Form 8-K filed with the Commission. In light of these risks, uncertainties and assumptions, the forward-looking events discussed may not occur. In addition, our actual results may vary materially from those anticipated, estimated, suggested or projected. Except as required by law, we do not assume a duty to update forward-looking statements whether as a result of new information, future events or otherwise. Investors should, however, review additional disclosures made by the Company from time to time in its periodic filings with the Securities and Exchange Commission. Please use caution and do not place reliance on forward-looking statements. All forward-looking statements made by the Company in this news release are qualified by these cautionary statements.

SOURCE: Geospatial Holdings, Inc.

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