

(14) STATEMENT OF WORK

Individual Trip Aviation Weather Forecast Service

1.1 PURPOSE

The contractor shall furnish the necessary certified aviation weather forecasters, services, and equipment to provide individual weather forecast services for NASA Johnson Space Center (JSC) aircrews.

1.2 BACKGROUND

NASA JSC, Aircraft Operations Division operates a fleet of aircraft, including 32 T-38s, five GII59s, one C9, two B747s, one G159, and two WB57Fs out of Ellington Field, Houston, Texas; El Paso, Texas; and Edwards Air Force Base, California. JSC aircrews require accurate aviation forecasts for each mission to operate aircraft safely in the rapidly changing and diverse weather patterns of Houston and the Texas Gulf Coast. Approximately 800 flights per month are flown by NASA JSC assigned aircraft with an average of 200 to 300 weather forecast briefings being derived from the aviation weather service contractor.

1.3 SCOPE

The requirement is for a locally-based (Houston, Texas) aviation weather service familiar with the weather patterns of the Houston-Gulf Coast area, to provide a 24-hour-a-day aviation weather forecast service for domestic United States operations. In addition, an in-house weather software access program shall be provided to enable aircrews to obtain accurate weather information required for flight planning. Mission requirements frequently dictate operational deployment (including international deployments) requiring international **flight support, including airport handling requirements, diplomatic permit services** and fuel contract arrangements which are to be provided by the contractor.

DETAILED DESCRIPTIONS

a. Individual Trip Aviation Weather Forecasts

The contractor shall provide a 24-hour-a-day aviation weather forecasting service. This service shall include a toll-free, direct telephone access number for NASA JSC aircrews to obtain an unlimited number of accurate aviation weather forecasts for domestic United States operations. The contractor must be located in the general Houston area and be

very familiar with the weather patterns of the local Gulf Coast area. Aircrews will use the direct telephone access when they are unable to obtain accurate aviation weather forecasts by the In-House Weather Software Access Program (paragraph b.), i.e. deployed away from Ellington Field or otherwise unable to obtain the necessary information.

b. Flight Planning Display Information

The contractor shall provide for the duration of the contract, the capability of displaying to JSC aircrews, accurate current and forecast weather information for flight planning. This displayed information is required to be printable to enable aircrews to carry a hard copy. This capability is required to provide all the flight planning weather information that is normally obtained via a verbal briefing from a certified aviation weather forecaster.

c. Fuel Contracting Arrangements

When NASA JSC mission requirements dictate international operational deployments, the contractor will be required to provide fuel-contracting arrangements. The cost for this service will be paid for on an as-used basis. The service will be provided on an as-ordered basis.

d. Phone Service

The contractor shall be required to provide **phone services** and other types of communications on an as-required basis. The cost for this service will be paid for on as-used basis. The service shall be provided on an as-ordered basis only.

e. Computerized Flight Plans

The contractor shall be required to provide and file computerized flight plans for international and domestic flights on an as-required basis. The cost for this service will be paid for on an as-used basis. The service will be provided on an as-ordered basis only.

f. Airport Handling and Diplomatic Permit Services For International Flights

When NASA JSC mission requirements dictate international operational deployments, the contractor will be required to provide arrangements for airport fees, ground handling, customs advisory, ground transportation, prefilling of flight plan, meteorological data, catering, and diplomatic permit services. The cost for this service will be paid for on an as-used basis. The service will be provided on an as-ordered basis only.

g. Communication Services

The contractor shall be required to provide international and domestic **Communication Services (facsimile, email or other services)** when dictated by NASA JSC operational mission deployments. The cost for this service will be paid for on an as-used basis. The service shall be provided on an as-ordered basis only.

h. Navigation Charts

When NASA JSC mission requirements dictate international operational deployments, the contractor may be required to provide current navigational charts and approach plates for the deployment in a trip kit form. The cost for this service will be paid for on an as-used basis. The service will be provided on as as-ordered basis only.