JUSTIFICATION FOR SOLE SOURCE ACQUISITION
VALUES $3,001 - $100,000

RECOMMENDATION AND DETERMINATION TO SOLICIT FROM ONE SOURCE
– PR 4200438244

NASA, John F. Kennedy Space Center, will negotiate Taber Industries for 15 Pressure transducers. The transducers will be used for pressure measurements for Ground Cooling System (GCS) located at Launch Pad. The subject sensors are compatible with, and required to integrate into, the current preliminary design of Ground Support Equipment (GSE) Ground Cooling System (GCS)

Pursuant to FAR 13.106-1(b) and 13.106-3(b)(3)(i), the acquisition of the GCS sensors are determined to be available from only one source. Taber Industries is the owner and sole seller of the sensors for the specified requirements. There are no other resellers from which the Federal Government may acquire these items.

Competition is impractical for the following reasons:

NASA has a requirement for pressure transducers to meet KSC specification 79K38668 which includes MIL-STD-461, as listed in the 79K38668 Spec. The pressure transducers that meet all of the NASA Kennedy Space Center required specifications are only available from one source, Taber Industries. Taber Industries is the sole manufacturer and does not have any distributors. Based on the previous market research, NASA purchased pressure transducers from the following companies: Taber, Sensotec, and Stellar. NASA tested each manufacturer's pressure transducers and found that only the Taber products met all the required government specifications. The specification that the Taber products met that the others did not meet was the EMI spec of 20 volts/meter. For this reason, NASA purchased the Taber pressure transducers for use at KSC. It should also be noted that per recent market research on September of 2011, the Sensotec showed some potential options. The pressure transducer was purchased and tested from 11/17/2011 to 12/02/2011 per MIL-STD-461 spec. The pressure transducer did not meet the EMI requirements.

Based upon the above, I hereby determine that the circumstances of the contract action deem only one source reasonably available for this acquisition. I certify that the supporting data presented in this justification are accurate and complete.

Paul Mackey, Technical Officer — 5-24-12 Date

I hereby certify that this justification is accurate and complete to the best of my knowledge and belief.

Contracting Officer — 6/13/2012 Date