



INNOVATION

APPLICATION

FORMATION

CARACTÉRISATION

8 allée Geoffroy Saint Hilaire
CS 30021
F-33615 PESSAC Cedex
Tél : (33) 05.47.74.69.00
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Agréments formation

- 72330571433 DRTEFP Aquitaine
- EWF – Certificat n° 27 pour
EAB-EWF 515
EAS-EWF 516

SIRET 437 950 173 00041 – NAF 7490B – VAT FR 81437950173

Call for Tenders 2012-01

◆ Name and mail address of purchasing company :

RESCOLL, Société de recherche, 8 Allée Geoffroy Saint Hilaire CS 30021, 33615 PESSAC, FRANCE

Tel : +33.5.47.74.69.00, Fax : +33.5.47.74.80.13

Contact :

For commercial issues : Frédéric Combarnous : frederic.combarnous@rescoll.fr

For technical issues : Jeremy Di-Tomaso : jeremy.ditomaso@rescoll.fr

◆ Market:

Acquisition of:

- An OSU calorimeter and associated accessories complying with *FAR/CS 25 app F part IV; AITM 2.0006 (2009, Chapter 5 of the Aircraft Materials Fire Test Handbook.*
- A **NexGen burner** and associated accessories complying with *FAR/CS 25 app F part II, AITM, ISO 2685 (98) and AC 20-135, Chapter 7 and 12 of the Aircraft Materials Fire Test Handbook.*

A supplier can answer to this call for tenders for one or both markets. Preferences will be given to suppliers proposing both.

◆ Main features:

- OSU
 - The test equipment, complying with the previously mentioned standards.
 - A calibration rig with centre and corner transducers
 - A calibration burner
 - A spark ignitor (or equivalent method) should be installed to ensure that the lower pilot burner remains burning.
 - A mass flow controller or a mass flow meter for the calibration of the methane gas
 - A software allowing to automatically run calibration and calculate test results
 - 2 specimen holders (+ drip pans) as described in paragraph 5.3.6 of the aircraft materials fire test handbook.
 - A wet test meter
 - Installation of the device





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- Acquisition data and data treatment results program with free updates lifelong

The offer should also include a proposition for the supply of upgrade kits to comply with the next modifications suggested by the FAA in terms of thermopile, construction, airflow, methane gas calibration and heat flux.

Concerning the air supply system, RESCOLL is already equipped with. The supplier has to provide the necessary support to adapt this system to the FAA requirements (in terms of flow rate, air temperature...)

- o NexGen Burner

- The test equipment : the new FAA NexGen Burner consisting of: Cone, Fuel Nozzle, Stator, Draft Tube, Muffler, Pressure Regulator, Turbulator, Igniters, Housing, Cradle, Sonic Choke and Pressure Transducer.
- The NexGen burner support and positioning assembly.
- A control unit with burner control instrumentation allowing to remotely control flame application period, to monitor the warm up period, to record flame subsequent to flaming application, to remotely control the position of the burner from idle (setting of the flame) to the test position.
- A thermocouple rake assembly.
- A flux transducer calibration assembly.
- A data acquisition system allowing to record all outputs from heat flux transducer and thermocouples.
- All the specimen support system needed to perform the previously mentioned test.
- A 23 litres fuel delivery unit.
- Installation of the device.
- Acquisition data and data treatment results program with free updates lifelong.

Concerning this device a support of the supplier concerning the following points will be a plus:

- the global insulation of the test room (walls, top)
- the conditioning of the fuel tank (at a temperature lower than 10°C)
- the protective clothes recommended





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◆ The quotation has to include:

- ◆ The equipment technical description and detailed prizes of the options
- ◆ Training program
- ◆ Delivery delay
- ◆ Payment conditions
- ◆ The price has to include customs duties, importation fees, packing, delivery and insurance (CIF charges).
- ◆ Minimum 2 years of warranty.

◆ Selection criteria :

- ◆ Technical issues : 40 % ;
- ◆ Price : 40 % ;
- ◆ Customer service: 20%.

