

ISSUING DEPARTMENT INPUT DOCUMENT

CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New
 OTR
 Sole Source
 Bid Waiver
 Emergency
 Previous Contract/Project No. NA

Re-Bid
 Other – Access of Other Entity Contract
 LIVING WAGE APPLIES: YES NO

Requisition No./Project No.: RQID2000085
 TERM OF CONTRACT 1 YEAR(S) WITH 0 YEAR(S) OTR

Requisition /Project Title: LC-MS/MS INSTRUMENT FOR NIJ GRANT

Description: This contract is for a sole source purchase of a liquid chromatograph tandem quadrupole mass spectrometer (LC-MS/MS) from Shimadzu Scientific Instruments.

Issuing Department: ME
 Contact Person: Angel Watson
 Phone: (305) 545-2450

Estimate Cost: 364,709

Funding Source:
 GENERAL
 FEDERAL X
 OTHER

ANALYSIS

Commodity Codes:	495		
Contract/Project History of previous purchases three (3) years Check here <input type="checkbox"/> if this is a new contract/purchase with no previous history.			
	<u>EXISTING</u>	<u>2ND YEAR</u>	<u>3RD YEAR</u>
Contractor:	NA		
Small Business Enterprise:			
Contract Value:			
Comments:			

Continued on another page (s): YES NO

RECOMMENDATIONS

	Set-Aside	Subcontractor Goal	Bid Preference	Selection Factor
SBE				

Basis of Recommendation:

Signed: 	Date sent to SBD:
	Date returned to SPD:



Miami-Dade County

PROJECT SCOPE

Miami-Dade County is seeking to establish a contract for the purchase of a liquid chromatograph tandem quadrupole mass spectrometer (LC-MS/MS) for the Miami-Dade County Medical Examiner Department (ME).

1. PROJECT BACKGROUND

ME was awarded a National Institute of Justice (NIJ) grant to improve drug/poison screening in postmortem fluids using a specific fast scanning liquid chromatograph/tandem mass spectrometer (LC-MS/MS). The NIJ grant provides the ME Toxicology Laboratory \$372,438 in funding to purchase the instrument (a Shimadzu Model 8060 LC-MS/MS) and other needed supplies on the merits of the grant proposal.

2. SCOPE OF SERVICES

The grant proposal described in detail the value of a fast scanning Shimadzu LC-MS/MS instrument in ME case processing, turnaround time, and accuracy. If this instrument is not purchased, the ME will not be able to fulfill the grant requirements.

Specifications for this instrument were prepared and reviewed with the major manufacturers of LC-MS/MS systems. The specific requirements used in the comparison were:

- scan speed,
- dwell time,
- number of collected channels of data,
- polarity switching time,
- library matching software,
- searchable product ion scanning, and
- the compatibility with in-house software.