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August 27, 2003

TO: Each Supervisor

FROM: Thomas L. Garthwaite, M.D. 
Director and Chief Medical Officer

SUBJECT: **AMENDMENT TO INFORMATION TECHNOLOGY SUPPORT SERVICES
MASTER AGREEMENT WORK ORDER N06-0105 FOR ADDITIONAL
E*GATE/HL7 INTERFACE PROGRAMMERS**

This is to advise you of my request to the Internal Services Department-Information Technology Services (ISD-ITS) to amend and re-issue Information Technology Support Services Master Agreement (ITSSMA) Work Order N06-0105 in order to obtain the services of additional e*Gate programmers to develop e*Gate application interfaces.

BACKGROUND

The Department of Health Services (DHS) is in the process of implementing a centralized, fully integrated, real-time data repository (DRS) to capture and integrate Department-wide clinical, financial, and administrative information. Health Services Administration and facility administrators, as well as local planning and service delivery organizations, urgently need access to such information if we are to manage our health care delivery system effectively and efficiently. Successful and timely implementation of the DRS is dependent upon the development of interfaces between the DRS and the disparate systems used throughout DHS. DHS uses the e*Gate interface engine software from SeeBeyond to provide cost-effective interfaces.

In April 2003, one programmer was selected from Computer Works, Inc. through the ITSSMA process. Work Order N06-0105 was executed for \$200,000 and is set to expire in April 2004.

SCOPE

The scope of work for Work Order N06-0105, which will remain unchanged, includes the following:

- Design, develop, test and implement selected inbound and outbound HL7 messages, including HIPPA compliant transaction code sets.
- Design, develop, test and implement required e*Gate application programs.
- Identify and analyze performance test results, which includes, but is not limited to the ability of e*Gate to directly insert data into a relational database management system.

JUSTIFICATION

DHS is committed to implementing a fully integrated, real-time, data repository for warehousing department-wide clinical, financial and administrative information that will allow efficient and effective management of the health care delivery system, including the provision of quality patient care. The development of e*Gate interfaces is a critical step in meeting this commitment.

Soon after Computer Works, Inc. began working on this project, a substantial number of additional interfaces were identified. Some of these recently identified interfaces must also comply with HIPAA financial transaction code set requirements. Two additional e*Gate programmers are required to meet project and HIPAA compliance objectives. There are no current County employees with the knowledge, skills, and experience needed to develop the required e*Gate interfaces. These will be temporary resources that will not have to be sustained once the necessary interfaces and infrastructure have been developed and DHS staff have been trained on the e*Gate product.

ISD is ready to acknowledge and process this amendment request. The original Work Order will be reposted. The bid requirements, qualifications and scope of work have not been changed. The programmers are expected to have the same level of expertise the Department is currently receiving.

CONSIDERATION

The original Work Order was for \$200,000. The exact cost of the two additional programmers will not be known until all bids are evaluated and the programmers are selected. The total cost of this engagement may be approximately \$600,000, including the \$200,000 from the original Work Order. The funds for this project are currently available in the Fiscal Year 2003-2004 DHS ISB operating budget.

The project is continuing with the single programmer even during the reposting and selection of the additional programmers. However, no funds in excess of \$300,000 will be expended under the existing work order.

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If you have any questions or need additional information, please let me know.

TLG:dn:wlf

c: Chief Administrative Officer
County Counsel
Executive Officer, Board of Supervisors
Director, Internal Services Department

NOTED AND APPROVED:

Jon W. Fullinwider
Chief Information Officer