

**Natividad Medical Center  
Radiology Modernization  
RBB Architects - Amendment 2**

**Add Service of Architectural Services and Construction Administration**

**SCOPE OF SERVICES**

- 1 **Expanded Scope:** 1. Nurse Call System: RBB architects will include a design of a new nurse call system to be implemented during phased construction in Radiology. RBB will include a new nurse call Master Station, head end panel to serve PBX and be a point of connection for the rest of the hospital departments when NMC proceed with a whole hospital upgrade.

**Design Services Addition \$ 26,000**

- 2 **Radiology Chiller System:** With the addition of a CT scan, MRI, and the Angiography/IR Suite there had been identified that there will be additional heat load that the building wasn't designed to handle. RBB and there consultants will design a new chiller systems to be installed on the roof top of building 500. This chiller system will supply chilled air to these procedure rooms and associated computer rooms for the CT, MRI and Angio/IR Suite.

**Design Services Addition \$189,000**

- 3 **Imaging Equipment Site Specific Drawings:** The initial site specific drawings were provided by Siemens and was submitted for OSHPD review. The original submission to OSHPD was based on generic imaging system drawings provided by Siemens. The scope of this service is to review the site specific drawings and make modifications to the design documents. This will compare what was submitted to OSHPD and actual equipment that is going to be installed.

**Design Services Addition \$ 92,000**

- 4 **Air System Infrastructure:** Test and Air Balance (TAB) Report – Reviews and Systems Corrections: The TAB report documents show that the extant air is a changed condition from the last documented OSHPD approved air balance for the air handlers serving the Imaging Department. To achieve the phased occupancy the existing Imaging Department will require either justification that the existing conditions are compliant or a rebalancing to bring them into compliance. The extent of the modifications requires additional field measurements and TAB reports to document the existing condition and a compliant pre construction air balance.

**Design Services Addition \$ 140,000**

- 5 **Bidding and Pre-Construction Assistance:** This will include an added scope of services for Bidding and Pre-Construction Assistance.

**Design Services Addition \$ 25,000**

- 6 **Radiology Door Control System Upgrade and Control Room PA Speakers:** This will provide construction documents for the expansion of the Door Control System upgrade in the project area and addition of PA speakers in the control rooms. The existing security door controllers in Radiology are at full capacity controlling two doors. The current design requires control of an additional nine (9) doors.

**Design Services Addition \$ 35,000**

- 7 **Construction Administration:** The original scope described in the Request for Qualifications, RFQ, included a renovation with a 6 month construction duration and two phases. To accommodate operational requirements, the current project consists of four major phases and three minor phases, for a total of seven phases. An updated schedule reflects the seven phases and a total construction duration of 26 months through project close-out. The Construction Administration (CA) services as proposed include tasks assumed by a Construction Manager when one is engaged. The extended CA fee proposal includes the same monthly CA rates provided in our original Fee Proposal, dated April 8, 2014 for Architectural, Mechanical, Electrical, and Structural professional services. NMC requested the engagement of a Construction Manager in addition to the Architect.

**Design Services Addition \$ 800,000**

Original Design Services Agreement	\$	862,450
Design Services - Amendment 1	\$	354,900
Design Services - Amendment 2	\$	1,307,000
<b>Total Revised Agreement Amount</b>	<b>\$</b>	<b>2,524,350</b>

Past Fiscal Year Expenditures	\$	973,709
2016 Year to Date Expenditures	\$	235,331
<b>Total Expenditures to Date</b>	<b>\$</b>	<b>1,209,040</b>