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W.A. NOTTINGHAM
NEIL S. WYCHE
TIMOTHY W. TROTTER
SUSAN H. DAY
KEVIN M. SMITH

GEORGE M. NOTTINGHAM, JR.
ARTHUR D. BROOK
CHARLES E. PENNINGTON
EMERITUS

WILSON H. DENT
MERRY A. HARRIS
DALE R. HEIRING
SENIOR ASSOCIATES

W. STEPHEN HOLLOWAY
ASSOCIATE

NBP Engineers, Inc.

Proposal for Professional Services

Date: November 11, 2015

Client: Georgia Institute of Technology

Attn: Mr. Greg Spiro, PE – Senior Mechanical Engineer – Georgia Tech Facilities Management

Project Name/Location: GT IDIQ 2015 MEP Design Services – Smith Hall IAQ Improvements – Atlanta, GA

Scope of Project:

NBP Engineers, Inc. will provide Mechanical, Plumbing and Electrical design and Construction Administration in compliance with the requirements for;

Adding ERU systems to Smith Hall to place the building under a positive pressure and

Upgrading the existing fan-coils to units with a separate heating coil in preparation for the building to become 4-pipe in the future.

Approximate Square Footage: 52,000 ft²

Approximate IAQ MEPFP Construction Budget: \$445,000.

Approximate Fan-coil Replacement MEPFP Construction Budget: \$670,000.

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Attn: Mr. Greg Spiro
November 11, 2015

Re: GT IDIQ 2015 MEP Design Services – Smith Hall IAQ & Fan-coil Replacement

Scope/Intent and Extent of Services:

NBP shall provide Professional Mechanical, Plumbing, Electrical, and Fire Suppression System Design services and Construction Administration for the Owner on this project in accordance with the terms and conditions as set forth in AIA Document C401-2007 Edition, as appropriately modified to conform to the terms of this proposal.

MEPFP Fee Arrangement:

IAQ Project: NBP proposes to provide complete HVAC, Plumbing and Electrical Design and Contract Administration Services for a lump sum fee of **\$ 36,000**. We propose this fee be divided into milestones as follows:

Design Development	\$ 6,750
Construction Documents	\$ 13,500
Architect/Structural Allowance	\$ 7,000
Contract Administration *	\$ 8,750
* To be invoiced in proportion to Contractor's percent completion	
TOTAL (IAQ)	\$ 36,000

Fan-Coil Replacement Project: NBP proposes to provide complete HVAC, Plumbing and Electrical Design and Contract Administration Services for a lump sum fee of **\$ 29,000**. We propose this fee be divided into milestones as follows:

Design Development	\$ 6,500
Construction Documents	\$ 13,000
Contract Administration *	\$ 9,500
* To be invoiced in proportion to Contractor's percent completion	
TOTAL (For project)	\$ 29,000

The Construction Administration portion of the project shall include review of shop drawings, submittal data, response to questions from the Owner and Contractor, and site visits to visually confirm the Contractor's adherence to the Construction Documents, and interpretation of the mechanical, electrical, and architectural portions of the Construction Documents as required.

The following number of site visits is included in Basic Services per project. If additional site visits are required through no fault of the Consultant, they shall be scheduled as approved by the Owner and considered additional services:

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- Electrical Engineer 2 visits
- Mechanical Engineer 3 visits
- Architect 1 visit

Deliverables: NBP Engineers, Inc. proposes to provide electronic drawings and electronic or photo-ready Specifications and Narratives for each of the required submissions. NBP will prepare our drawings on CADD, Microstation or Revit (if requested), utilizing email or other electronic formats.

Record Drawings: Record drawings will be provided as part of basic services to include electronic format. Shop drawings will not be incorporated into the record documents such as sheet metal. Contractor will provide reproducibles of these documents to the Owner.

Cost Management: This proposal does includes detailed quantity cost estimates, estimates will be provided by NBP or others.

Hazardous Materials: This proposal does not include any special design services that might be necessary relating to hazardous material abatement on the site or special phasing relating to such abatement. NBP is not aware of the presence of or lack of presence of hazardous materials in the area of the work site.

Sustainable Design: This project will incorporate the minimum requirements of the International Energy Conservation Code, and may include other sustainable design features where feasible. An energy model analysis is not included in this proposal.

Formal Reviews: Peer Review and Value Engineering services are not included in this proposal. The special documentation, additional meetings and formalization of documents necessary for both can be provided as additional services.

Commissioning Support Services: No provisions for formal commissioning services by NBP are included in this proposal. NBP will support the efforts of an independent Commissioning Authority (CxA) to an extent consistent with our expectations from collaboration with a CxA on similar projects. If a CxA is retained for the project, we anticipate that all design reviews are performed in sequence during the design phase. Out of sequence design reviews can be arranged as an additional service.

Special Conditions:

1. If accepted, a Contract shall be signed based on Standard Form of Agreement between the Owner and Consultant for Professional Services such as the AIA form referenced or other mutually agreed upon contract form.
2. Mediation of all questions in dispute under this Agreement shall be at the choice of either party. Prior to any arbitration or litigation, mediation shall be used to facilitate discussion and assist the parties in reaching a mutually satisfying solution. Further, the Owner shall

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endeavor to seek agreement to mediation in lieu of arbitration in contracts between the
Owner and the Contractor.

3. This proposal is valid until February 28, 2016.

Thank you for considering NBP Engineers to assist Georgia Tech with this project.

Prepared and Offered by:

Timothy W. Trotter P.E. – Principal



Printed Name & Title

Signature
NBP Engineers, Inc.

Date 11/11/2015

Accepted by:

Printed Name & Title

Signature

Date