



Allies & Ross
Management and Development Corporation
200 Ross Street
Pittsburgh, PA 15219

412-456-5000

March 21, 2018

**Allies & Ross Management and Development Corporation
IFB#2017-23 –E-P-M Rebid
New Construction of Northview Midrise Rebid**

ADDENDUM NO. 2

This addendum issued March 21, 2018 becomes in its entirety a part of the Invitation for Bid IFB#2017-23Rebid as is fully set forth herein:

Item 1: Q: What changed in the front end documents from the first time this went out to bid?

A: There have been changes to the “front end documents” (i.e. the “Project Manual” section of the Invitation for Bid. It is strongly encouraged that prospective bidders read the entire Invitation for Bid thoroughly to understand the changes that have been made to inform their response appropriately.

Item 2: Q: As most of the domestic water piping, except for the mechanical room and apartments will be CPVC, should all ball valves in this system also be CPVC?

A: Ball valves can be CPVC to match plumbing material in areas except mechanical room and apartments.

Item 3: Q: Is insulation required on all domestic water piping? There were exceptions during the original bid.

A: Insulation is required for all domestic water piping.

Item 4: The Base scope of services includes a full Security package, including a server that will interface with the Owner’s Milestone software system. In order to provide more guidance and facilitate the selection of the server, we are providing the following Basis of Design:

Recording Server Specifications:

-Quantity: 1.

-Server with the following configuration:

Intel Xenon E5-2630 v4, 12 GB RAM, 2 Gigabit NICs, Windows Server 2016 x64 Standard/Datacenter.

-OS and Application Volume - Disk Configuration:

2x, 300 GB minimum RAID 1

-Live Database Disk Configuration:

Connectivity - 6x, 15K RPM

Internal or Direct Attached - 146 GB, RAID 1 / RAID 10

-Archive Database Disk Configuration:

Connectivity - 9x, 7.2K RPM

Internal or Direct Attached - 6TB, RAID 5

Camera Bandwidth to Rec Server: 395.83 Mbps

Client Bandwidth from Rec. Server: 100.97 Mbps

Rec. Server Bandwidth: 496.80 Mbps

Rec. Server Disk Throughput Live DB: 79.78 MB/sec

Rec. Server Disk Throughput Arch. DB: 3031.MB/sec

Rec. Server Disk Throughput Total: 110.09 MB/sec

Estimated IOPS: 587.14

Rec. Server Video Storage: 43834.75 GB

Management Server Specification:

CPU: Intel Xenon E5-2603 v4

RAM: 12GB RAM

NIC: Gigabit Network Connection

OS: Windows Server 2016 x64 Standard/Datacenter

SQL Version: SQL Express

Maintenance Notes: SQL Server should be set to a regular backup schedule and transaction logs truncated as part of the scheduled backup process.

OS / Application / SQL DB and Transaction Logs:

Size: 300GB

Type: 10k RPM


RAID: RAID 1

Quantity: 2

Item 5: The following Door Hardware specification has been updated to reflect the intent for the door hardware including the battery-operated unit entry door hardware to be provided and installed by the General Contractor, as part of a complete Door, Frame and Hardware package. The Electrical Contractor is responsible for providing power and connecting to these systems as well as connecting these systems to the Fire Alarm system and the security system. The Electrical Contractor and General Contractor will be responsible for closely coordinating these systems to ensure that a fully commissioned and functioning system is being provided to the Owner. Please see attached the revised SECTION 080671 – DOOR HARDWARE SETS. This section of the specifications replaces and supersedes the previous bid documents dated “November 29, 2017 Revision #1 February 28, 2018.

Item 6: The Proposal due date, time and location remain unchanged at March 29, 2018 at 11:00 a.m., at HACP Procurement Dept., 100 Ross St. 2nd Floor, Suite 200, Pittsburgh, PA 15219.

END OF ADDENDUM NO. 2



Mr. Kim Detrick
Agent

3-21-18

Date