



# Department of Administrative Services

## Purchasing and Contracts

500 S Grand Central Pky 4th Fl • Box 551217 • Las Vegas NV 89155-1217  
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Sabra Smith Newby, Chief Administrative Officer  
Adleen B. Stidhum, Purchasing Manager



### CLARK COUNTY, NEVADA BID NO. 604176-16 METRO COMMUNICATIONS CENTER: CHILLER PLANT UPGRADE

September 7, 2016

#### ADDENDUM NO. 3

#### INVITATION TO BID

1. The bid opening date has been rescheduled for **September 15, 2016 at 2:15:00 p.m.**

#### BID FORM

2. **Delete** the original issued Bid Form pages 4-1 through 4-5 and **replace with the attached revised Bid Form pages 4-1 through 4-5.**

#### SCHEDULE OF VALUES

3. **Delete** the original issued Schedule of Values page 4-10 and **replace with the attached revised Schedule of Values page 4-10.**

#### SPECIFICATIONS

4. **Add:** Johnson Controls, Inc. (JCI) proposal dated 9/7/16, attached to this Addendum No. 3.
5. Section 23 09 23: Direct-Digital Control for HVAC, Part 1: General Requirements, paragraph 1.03 Contractor Qualifications, **Delete:** Subparagraph A 1 through 4; **and replace with the following Subparagraph:**

**Qualified Bidder: System shall be the product line as listed and as manufactured, installed and service by:**

<u>Manufacturer</u>	<u>Product Line</u>
Johnson Controls, Inc. (JCI)	Metasys

#### QUESTIONS AND ANSWERS

1. Question: "Please clarify the possibility of using MCCA to feed Panel HP, also please clarify how we can make modification on Panel MCCA to get right part breaker or switch to take power from MCCA."

**Answer:** The use of (existing) panel MCCA to feed (new) panel HP was studied and determined to be infeasible for multiple reasons:

- 1) MCCA's lack of a neutral (which is required for HP)
- 2) The need to keep essential service active throughout the building (which would be interrupted by modifications to MCCA). It was determined that modifications to panel MCCA (to feed panel HP) would be more cost prohibitive. Modifications to MCCA are not recommended.

Question: "Do we need to upsize main breaker to accommodate the load?"

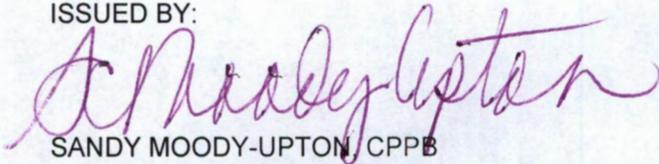
**Answer:** No, the main breaker is not required to be upsized.

2. Question: "Is there a bond on the roof. If so, who is the roofing contractor for this property?"

**Answer:** No, there is no bond. Contractor shall perform the scope of work per Specification Section 07 72 00 Roof Accessories. For existing roof construction, refer to Drawing Sheet MP0.05, detail 5.

Except as modified herein all other bid specifications, term and conditions and special conditions shall remain the same.

ISSUED BY:



SANDY MOODY-UPTON, CPPB  
Purchasing Analyst II

Attachment(s): Revised Bid Form Pages 4-1 through 4-5  
Revised Schedule of Values Page 4-10  
Johnson Controls, Inc. proposal

Cc: Chuck James, Real Property Management  
Brian Connolly, Real Property Management  
Peter Umoh, Real Property Management  
Michael Gentile, [michael@pcnagroup.com](mailto:michael@pcnagroup.com)

# CLARK COUNTY, NEVADA

## BID FORM

BID NO. 604176-16  
METRO COMMUNICATIONS CENTER: CHILLER PLANT UPGRADE  
PWP NUMBER: CL-2016-226  
REVISED PER ADDENDUM NO. 3

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(NAME)

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(ADDRESS)

### I, THE UNDERSIGNED BIDDER:

1. Agree, if awarded this Contract, I will complete all work for which a Contract may be awarded and to furnish any and all labor, equipment, materials, transportation, and other facilities required for the services as set forth in the Bidding and Contract Documents.
2. Have examined the Contract Documents and the site(s) for the proposed work and satisfied themselves as to the character, quality of work to be performed, materials to be furnished and as to the requirements of the specifications.
3. Have completed all information in the blanks provided and have submitted the following within this Bid:
  - a) Have listed the name of each Subcontractor which will be paid an amount exceeding five percent (5%) of the Total Base Bid amount.
  - b) Attached a bid security (in the form of, at my option, a Cashiers Check, Certified Check, Money Order, or Bid Bond in favor of the Owner in the amount of five percent (5%) of the Total Base Bid amount.
  - c) If claiming the preference eligibility, I have submitted a valid Certificate of Eligibility with this Bid.
4. I acknowledge that if I am one of the three apparent low bidders at the bid opening, and if I have listed Subcontractor(s) pursuant to NRS 338.141, I must submit Bid Attachment 2 within two-hours after completion of the bid opening pursuant to the Instructions to Bidders, forms must be submitted via hand delivery or email to [COUNTPURCHASING@CLARKCOUNTYNV.GOV](mailto:COUNTPURCHASING@CLARKCOUNTYNV.GOV) and I understand that hand delivery is recommended, and Owner shall not be responsible for lists received after the two-hour time limit, regardless of the reason. I understand that submission after the two-hour time limit is not allowed and will be returned to me and the bid will be deemed non-responsive. I acknowledge that for all projects, I will list:
  - a) My firm's name on the list if my firm will perform any work which is more than 1 percent of the prime contractor's total bid and which is not being performed by a subcontractor. The prime contractor shall also include on the list:
    - 1) A description of the labor or portion of the work that the prime contractor will perform: or
    - 2) A statement that the prime contractor will perform all work other than that being performed by a subcontractor listed.
  - b) The name of each first tier subcontractor who will provide labor or a portion of the work on the public work to the prime contractor for which the first tier subcontractor will be paid an amount exceeding \$250,000.
  - c) If I will employ a first tier subcontractor who will provide labor or a portion of the work on the public work to the prime contractor for which the first tier subcontractor will not be paid an amount exceeding \$250,000, the name of each first tier subcontractor who will provide labor or a portion of the work on the public work to the prime contractor for which the first tier subcontractor will be paid 1 percent of the prime contractor's total bid or \$50,000, whichever is greater.
5. I acknowledge that if I am one of the three apparent low bidders at bid opening, and if I have submitted a valid Certificate of Eligibility as described in 3.c above, I must submit Bid Attachment 3, Affidavit Pertaining to Preference Eligibility, within two-hours after completion of the bid opening pursuant to the General Conditions. The forms must be submitted via hand delivery or email to [COUNTPURCHASING@CLARKCOUNTYNV.GOV](mailto:COUNTPURCHASING@CLARKCOUNTYNV.GOV) and I understand hand delivery is recommended. Owner shall not be responsible for lists received after the two-hour time limit, regardless of the reason. I understand that submission of the Certificate after the two-hour time limit is not allowed and it will be returned to me and the bid will be deemed non-responsive.

6. I acknowledge that if notified that I am the low bidder, I must submit the Disclosure of Ownership/Principals form within 24-hours of request.
7. I acknowledge that if I am one of the three apparent low bidder(s) for the base bid at the bid opening, I must submit the Bid Attachment 4, Schedule of Values, by 12:00 Noon of the next business day.
8. I acknowledge that my bid is based on the current State of Nevada prevailing wages.
9. I acknowledge that I have not breached a public work contract for which the cost exceeds \$25,000,000, within the preceding year, for failing to comply with NRS 338.147 and the requirements of a contract in which I have submitted within 2 hours of the bid opening an Affidavit pertaining to preference eligibility.
10. Upon faxed or mailed receipt of Owner's written request for insurance, I will provide the following submittals within ten (10) business days from receipt of the Notice:
  - a) Performance Bond, Labor and Material Payment Bond and a Guaranty Bond, for 100% of the Contract amount as required.
  - b) Certificates of insurance for Commercial General Liability in the amount of \$1,000,000, Automobile Liability in the amount of \$1,000,000, and Workers' Compensation insurance issued by an insurer qualified to underwrite Workers' Compensation insurance in the State of Nevada, as required by law.
11. I acknowledge that if I do not provide the above submittals on or before the tenth business day after receipt of the Owner's written request for insurance; or do not keep the bonds or insurance policies in effect, or allow them to lapse during the performance of the Contract; I will pay over to the Owner the amount of \$500.00 per day as liquidated damages.
12. I confirm this bid is genuine and is not a sham or collusive, or made in the interest of, or on behalf of any person not herein named, nor that the Bidder in any manner sought to secure for themselves an advantage over any bidders.
13. I further propose and agree that if my bid is accepted, I will commence to perform the work called for by the contract documents on the date specified in the Notice to Proceed and I will complete all work within the calendar days **specified in the General Conditions.**
14. I further propose and agree that I will accept as full compensation for the work to be performed the price written in the Bid Schedule below.
15. I have carefully checked the figures below and the Owner will not be responsible for any error or omissions in the preparation or submission of this Bid.
16. I agree no verbal agreement or conversation with an officer, agent or employee of the Owner, either before or after the execution of the contract, shall affect or modify any of the terms or obligations of this Bid.
17. I am responsible to ascertain the number of addenda issued, and I hereby acknowledge receipt of the following addenda:
 

Addendum No. _____ dated, _____	Addendum No. _____ dated, _____
Addendum No. _____ dated, _____	Addendum No. _____ dated, _____
Addendum No. _____ dated, _____	Addendum No. _____ dated, _____
Addendum No. _____ dated, _____	Addendum No. _____ dated, _____
Addendum No. _____ dated, _____	Addendum No. _____ dated, _____
18. I acknowledge that I have read the Administrative Notice to Proceed as specified in the General Conditions, and also in the Specification Section 01 35 53 Security Procedures, and will comply with them.
19. I agree to perform all work described in the drawings, specifications, and other documents for the amounts quoted below:

ITEM NUMBER	ITEM DESCRIPTION	LUMP SUM
1.	ERROR! REFERENCE SOURCE NOT FOUND., AS SPECIFIED	\$
2.	PERMITS AND FEES BID ALLOWANCE	\$9,000.00
3.	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK ALLOWANCE	\$100,000.00
4.	DUST CONTROL, AS SPECIFIED	\$
5.	STORMWATER POLLUTION, AS SPECIFIED	\$
6.	ONE (1) YEAR FULL SERVICE WARRANTY	\$
7.	JOHNSON CONTROLS, INC.	\$104,930.00
	TOTAL BASE BID	\$

ADDITIVE ALTERNATES		
<p>THE OWNER MAY EXERCISE THE FOLLOWING ITEMS IN SEQUENTIAL ORDER ONLY SUBJECT TO THE AVAILABILITY OF FUNDS. THE ADDITIVE ALTERNATE PRICES QUOTED SHALL REMAIN FIRM FOR THE PERIOD OF 90 CALENDAR DAYS, AS DETAILED IN THE INSTRUCTIONS TO BIDDERS.</p> <p>WHERE AN ADDITIVE ALTERNATE REQUIRES DELETING ALL OR A PORTION OF THE SPECIFIED ITEM AND ADDING OR SUBSTITUTING AN OPTIONAL ITEM, THE BID AMOUNT SUBMITTED FOR THE ADDITIVE ALTERNATE SHALL BE THE NET COST DIFFERENCE BETWEEN WHAT IS ADDED AND WHAT IS DELETED.</p>		
ALTERNATE	ITEM DESCRIPTION	TOTAL
1.	Replace existing HVAC Boiler, Domestic Hot Water Heaters and circulation pumps in the Boiler Room. Provide updated Controls to new Building Management Systems. See Sheets MP0.02, MP2.01, MP3.01, ED1.00 and E1.00	\$



20. BUSINESS ENTERPRISE INFORMATION:

The Prime Contractor submitting this Bid is a  MBE  WBE  PBE  SBE  VET  DVET  ESB as defined in the Instructions to Bidders.

21. BUSINESS ETHNICITY INFORMATION:

The Prime Contractor submitting the Bid Ethnicity is  Caucasian (CX)  African American (AA)  Hispanic American (HA)  Asian Pacific American (AX)  Native American (NA)  Other as defined in the Instructions to Bidders.

22. BIDDERS' PREFERENCE Is the Bidder claiming Bidders' Preference?

Yes If yes, the Bidder acknowledges that he/she is required to follow the requirements set forth in the Affidavit (Bid Attachment 3).

No I do not have a Certificate of Eligibility to receive preference in bidding.

23.

\_\_\_\_\_  
**LEGAL NAME OF FIRM AS IT WOULD APPEAR IN CONTRACT**

\_\_\_\_\_  
**ADDRESS OF FIRM**

\_\_\_\_\_  
**CITY, STATE, ZIP CODE**

\_\_\_\_\_  
**TELEPHONE NUMBER**

\_\_\_\_\_  
**FAX NUMBER**

**NEVADA STATE CONTRACTORS' BOARD LICENSE INFORMATION:**

I certify that the license(s) listed below will be the license(s) used to perform the majority of the work on this project.

LICENSE NUMBER: \_\_\_\_\_

LICENSE CLASS: \_\_\_\_\_

LICENSE LIMIT: \_\_\_\_\_

ONE TIME LICENSE LIMIT INCREASE \$ \_\_\_\_\_ IF YES, DATE REQUESTED \_\_\_\_\_

CLARK COUNTY BUSINESS LICENSE NO. \_\_\_\_\_

STATE OF NEVADA BUSINESS LICENSE NO. \_\_\_\_\_

\_\_\_\_\_  
**AUTHORIZED REPRESENTATIVE  
(PRINT OR TYPE)**

\_\_\_\_\_  
**E-MAIL ADDRESS**

\_\_\_\_\_  
**SIGNATURE OF AUTHORIZED REPRESENTATIVE**

\_\_\_\_\_  
**TODAY'S DATE**

**BID ATTACHMENT 4  
SCHEDULE OF VALUES  
REVISED PER ADDENDUM NO. 3**

THE THREE (3) APPARENT LOWEST BIDDERS FOR THE BASE BID AMOUNT SHALL SUBMIT THIS FORM INTO THE PURCHASING AND CONTRACTS DIVISION VIA HAND DELIVERY OR BY EMAIL TO COUNTYPURCHASING@CLARKCOUNTYNV.GOV BY 12:00 P.M., OF THE NEXT BUSINESS DAY.

THE BIDDER SHALL INDICATE THE BASE BID AMOUNT FOR THE ITEMS SPECIFIED BELOW. THIS LIST SHALL NOT BE CONSIDERED ENTIRELY INCLUSIVE. BIDDER(S) AGREES TO PROVIDE, UPON REQUEST, ADDITIONAL INFORMATION THAT MAY INCLUDE BUT NOT BE LIMITED TO DETAILED BREAKDOWN OF AMOUNTS, MANUFACTURER'S PRODUCTS, LITERATURE, EQUIPMENT MODEL NUMBERS, OR AS INFORMATION IS REQUIRED TO SUPPORT AND/OR SUBSTANTIATE THE WORK, IN ACCORDANCE WITH NRS 338.

BASE BID ONLY

DIVISION / ITEMS	DESCRIPTION	DOLLAR AMOUNTS
00	PERMITS AND FEES BID ALLOWANCE	\$9,000
00	DUST CONTROL, AS SPECIFIED	\$
00	STORMWATER POLLUTION, AS SPECIFIED	\$
00	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	\$100,000
00	ONE (1) YEAR FULL SERVICE WARRANTY	\$
00	JOHNSON CONTROL'S INC.	\$104,930
01	GENERAL REQUIREMENTS/OVERHEAD AND PROFIT INCLUDING SUPERVISION.	\$
02	EXISTING CONDITIONS	\$
03	CONCRETE	\$
04	MASONRY	\$
05	METALS	\$
06	WOOD, PLASTICS AND COMPOSITES	\$
07	THERMAL AND MOISTURE PROTECTION	\$
08	OPENINGS	\$
09	FINISHES	\$
10	SPECIALTIES	\$
11	EQUIPMENT	\$
12	FURNISHINGS	\$
13	SPECIAL CONSTRUCTION	\$
14	CONVEYING EQUIPMENT	\$
21	FIRE SUPPRESSION	\$
22	PLUMBING	\$
23	HEATING VENTILATING AND AIR CONDITIONING	\$
25	INTEGRATED AUTOMATION	\$
26	ELECTRICAL	\$
27	COMMUNICATIONS	\$
28	ELECTRONIC SAFETY AND SECURITY	\$
31	EARTHWORK	\$
32	EXTERIOR IMPROVEMENTS	\$
33	UTILITIES	\$
<b>BASE BID TOTAL</b>		<b>\$</b>

**PLEASE PHOTOCOPY THIS FORM SHOULD ADDITIONAL SPACES BE REQUIRED**

This Schedule of Values for the various portions of the work, aggregating the total contract Amount, shall be divided to facilitate payments to the Contractor in accordance with the Contract Documents.

Legal Name of Firm as it would appear on Contract

Nevada State Contractor's License Number

Address including City, State and Zip Code

Authorized Signature



Johnson Controls, Inc.  
 Las Vegas HVAC Systems Branch  
 3645 W Oquendo Road, Suite-400  
 Las Vegas, NV 89118  
 Tel. (702) 222-0415 FAX: (702) 222-1034  
 Lic# 0052022/0035466 Unlimited

To: CC RPM  
 500 S. Grand Central Pkwy  
 Las Vegas Nevada 89155

09/07/2016

**PROJECT: Metro Communications Center Chiller Plant Upgrades**

Johnson Controls is pleased to submit the following price for Upgrading the Controls at Metro Communications Central Plant, VAV's, AHU's, Unit Heaters and Fan Coils.

**Scope Definition:**

Johnson Controls will install a NAE4500 replace the existing Chiller Plant Controls with new FAC, and expansion Modules. This includes new Sensors and relays, 14 new control valves to be installed by Mechanical Contractor, connection to the Temporary Chiller Controls for control and monitoring, all necessary low voltage conduit and wire, all programming and operational verification, Graphics and new workstation. Replace controller for Heating Hot Water system with FEC2611 which includes all sensors and relays. All work is in accordance with Mechanical drawings dated 1/18/2016 and Spec Section 230923. Replacement of 55 VAV Controllers, 3 AHU controllers, 1 Fan Coil and 1 Unit Heater utilizing all existing conduit and wire. The replacement is based from YAMAS 8-31-00 and 09-30-09. The BAS will be installed on its own network with no remote access capabilities which can be added in the future if Customer decides to do so.

**The above is included in our system scope of work (Base Bid):**

Vendor	Part Number	Description	QTY	Total Price
JCI	Material	JCI materials	1	\$54,180.00
JCI	Labor	Engineering, Submittals, Programming, checkout, device verification, customer training and all required Project Meetings. Labor Remove and Replace existing controls within facility.	1	\$41,750.00
JCI	Installation	Provide and install low voltage DDC control wiring and conduit for New Chillers, Towers and Boiler. Includes mounting of devices, wiring and termination.	1	\$9,000.00
<b>Total:</b>	<b>Metro Communications Center controls Upgrades Base Bid</b>		<b>1</b>	<b>\$104,930.00</b>



Johnson Controls, Inc.  
Las Vegas HVAC Systems Branch  
3645 W Oquendo Road, Suite-400  
Las Vegas, NV 89118  
Tel. (702) 222-0415 FAX: (702) 222-1034  
Lic# 0052022/0035466 Unlimited

**Inclusions:**

- All wiring shall be in EMT per specification
- Installation, Programming & Start-Up
- System Demonstration

**Exclusions:**

- Exclude all overtime and holiday work
- Any and all work associate with Fire and/or Smoke Control System
- 120 VAC Conduit and Wire
- Utility Equipment such as Lifts and Hoists ETC:

This proposal and alternates listed below are hereby accepted and Johnson Controls is authorized to proceed with the work; subject, however, to credit approval by Johnson Controls, Inc., Milwaukee, Wisconsin.

This proposal is valid for

\_\_\_\_\_

**Purchaser:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Johnson Controls, Inc.**

**Name:** Amber Aguilar

**Title:** Account Executive

**Date:** \_\_\_\_\_

**Signature:** \_\_\_\_\_