



Department of Administrative Services

Purchasing and Contracts

500 S Grand Central Pky 4th Fl • Box 551217 • Las Vegas NV 89155-1217
(702) 455-2897 • Fax (702) 386-4914

Sabra Smith Newby, Chief Administrative Officer
Adleen B. Stidhum, Purchasing Manager



CLARK COUNTY, NEVADA

BID NO. 603887-15

RUSSELL CAMPUS, DEPARTMENT OF AIR QUALITY: TENANT IMPROVEMENTS

AT 2ND FLOOR

December 4, 2015

ADDENDUM NO. 2

INVITATION TO BID

1. The bid opening date of Thursday, December 10, 2015 at 2:15:00 p.m. **remains unchanged.**

BID FORM

2. **Delete** original Bid Form, pages 4-1 through 4-4 and **replace** with the attached Revised Bid Form, pages 4-1 through 4-4 attached to this Addendum No. 2.

SCHEDULE OF VALUES

3. **Delete** original Schedule of Values and **replace** with the attached Revised Schedule of Values attached to this Addendum No. 2.

SPECIFICATIONS

4. Division One Section 01 35 00 SECURITY PROCEDURES, Part 3.1 ENTRY CONTROL, **Add:** Subpart F as follows:

F. A professionally licensed uniformed guard service shall be provided at the project site during working and non-working hours as required to maintain security at areas where the Contractor's construction activities or operations have exposed the Owner's existing facility to possible unauthorized entry. Such an individual shall be assigned the duties of access control and posted at compromised areas until security is re-established by the Contractor to the satisfaction of the Owner. Contractor shall also provide uniformed security guard services where it deems necessary to protect its own property, equipment, and materials during the course of this project.

5. Specification Section 23 05 93, TESTING ADJUSTING AND BALANCING FOR HVAC, Part 1.5, subpart A, **Delete:** "Owner to engage" and **Replace with:** "Contractor to provide".

6. LEAD CONTAINING CERAMIC TILE SPECIFICATIONS dated October 14, 2015, Part 2 EXECUTION, subpart 2.1 Work Procedures, **Add: Paragraphs 3, 4 and 5 as follows:**

Contractor shall reference the Asbestos Survey & Limited Lead-Containing Paint Survey Inspection Report, dated October 13, 2015 and the Lead Containing Ceramic Tile Specifications, dated October 14, 2015, to assess the areas where LCCT work will be performed and become familiar with all conditions which may affect any part of the work. The restrooms assessed (first and second floor men's and women's) contain uniform building materials.

Each restroom assessed contains approximately 285 ft² of 4" x 4" ceramic wall tile. A summary of **estimated** quantities of lead-containing ceramic wall tile is provided below:

- Light Grey 4" x 4" ceramic wall tile, with a Lead concentration of > 1.00 mg/cm² has a quantity of 95 ft² per restroom.
- Dark Grey 4" x 4" ceramic wall tile, with a Lead concentration of > 1.00 mg/cm² has a quantity of 95 ft² per restroom.
- Orange 4" x 4" ceramic wall tile, with a Lead concentration of > 0.01 mg/cm² has a quantity of 95 ft² per restroom.

Detectable lead quantities may constitute a lead dust hazard during renovation and demolition activities. Personnel performing renovation and demolition activities that may disturb painted components and building surfaces with concentrations of lead above the designated analytical detection limit should comply with all current OSHA regulations in order to minimize employee exposure. OSHA defines lead paint as a paint, which contains lead, regardless of the concentration. Since lead-containing paint was also measured at lower concentrations (<1.0 mg/cm²) on painted/coated surfaces at the site, which could potentially expose workers, employers should take precautions that no employee will be exposed to lead at concentrations above the OSHA standards.

7. Specification Section 01 11 00 Summary of Work, Part 1.9 Owner Use of Site and Premises, **Add:** New subpart D as follows:
- D. The level 1 restroom affected by this project and identified on the project plans must be kept in service during the Owner's routine/normal business hours. The contractor will be required to demobilize from this area upon completion of each scheduled shift and return. The area must be maintained clean and all electrical, mechanical, and plumbing fixtures must be kept in service throughout the project duration.

DRAWINGS

8. **Delete:** Cover Sheet CVR-1 revision 1 dated 10.1.2015 and **Replace with:** Revised Cover Sheet CVR-1 Revision 2 dated 12.4.2015.
9. **Delete:** ROOM FINISH AND DOOR SCHEDULE Sheet A3.00 dated 9.22.2015 and **Replace with:** Revised Sheet A3.00 Revision 2 dated 12.4.2015.
10. Level 1 ENLARGED ELECTRICAL PLANS, Sheet E2.01, NOTE 13, **Delete 2nd sentence as follows:** "COORDINATE REQUIREMENTS WITH OWNER'S REP." **Replace with:** COORDINATE INSTALLATION OF RELATED CONDUIT ROUTES AND JUNCTION BOX TERMINATIONS WITH JOHNSON CONTROLS.

QUESTIONS AND ANSWERS

11. **QUESTION:** "Will the cleanroom be used for filter weighing applications?"
ANSWER: Yes
12. **QUESTION:** "What is the manufacturer of the existing card access system?"
ANSWER: Johnson Controls.
13. **QUESTION:** "Sheet E2.01 note #13 says to coordinate the requirements of the Card Access System with Owner's Rep. What are the requirements of the Owner's Rep for the Card Access System?"
ANSWER: See Item 8 of this addendum and the updated Johnson Controls proposal dated 11/25/2015 attached.
14. **QUESTION:** "The specifications indicate the contractor must utilize a licensed photographer approved by the county. Does the county have a list of licensed photographers for the contractor to contact? Or, will the county allow an experienced photographer suffice the requirements?"
ANSWER: The County does not have a list of approved photographers for this project. A Professional Photographer experienced in Construction Photography possessing a Clark County Business License will suffice. Refer to specifications section 01 32 33 for additional information.

15. **QUESTION:** “Will the owner be providing a storage area for the salvaged items indicated in the drawings and specs? If so, where is the location? Is there an area on the 2nd floor near the restrooms that the owner is willing to allow the contractor to use for the acoustical ceiling that is to be reused?”
- ANSWER:** Contractor is responsible for providing temporary storage for his own use outside of the building occupied areas. Refer to sheet AS1.01 for site areas dedicated for contractor use and staging areas. Further information can be found on specifications section 01 52 13.
16. **QUESTION:** “Does the contractor need to provide temporary restrooms for the owner's employees while the restrooms are under construction? If so, how many?”
- ANSWER:** There are no requirements for providing temporary toilets for the owner's use during construction; however, the contractor is required to provide and maintain TEMPORARY SANITARY FACILITIES as outlined in Division One Section 01 51 00.
17. **QUESTION:** “Will the owner provide security for the building during construction hours as well? Or, does the contractor need to provide a security guard during the night hours?”
- ANSWER:** No. The Owner will not be providing Security for the purpose of this project. Contractor is required to provide Security in accordance with Division One Section 01 35 53 Security Procedures and as required per this addendum (see item 1 of this addendum).
18. **QUESTION:** “Will there be a separate Invitation to Bid specifically for Test & Balance?”
- ANSWER:** No. Contractor are required to provide Testing, Adjusting, and Balancing services as required in Division One Section 01 75 00 Part 3.2 and Section 23 05 93.
19. **QUESTION:** “Per specification 23 05 93 - Testing, Adjusting and Balancing for HVAC - 1.5 Quality Assurance - A: TAB Firm Qualifications: Owner to engage a TAB firm certified by AABC.”
- ANSWER:** See item 3 of this addendum.
20. **QUESTION:** “The asbestos/lead survey indicated there is lead in the ceramic tile in the first floor men's bathroom and the second floor women's bathroom. Due to the manner of demolition, abatement of this lead based material is required. Does Clark County expect the contractor to arbitrarily determine how much abatement is required or will the county provide an amount that all bidders can utilize for estimating purposes? If not, how does the county propose we prepare a proposal to address this mitigation lead?”
- ANSWER:** See item 4 of this addendum.
21. **QUESTION:** “Reference Drawings - A3.00 & A5.02. A3.00 Finish Schedule is calling for CT 4, CT5, CT6 in Clean Lab Prep Room, Elevation C. Sheet A5.02 shows FRP on Elevation C. Which information takes priority?”
- ANSWER:** Reference drawing detail bubble 2 on sheet A5.02. The interior elevations show the extent of FRP adjacent to Prep-room sink. Room finish schedule on sheet A3.00 has been revised to clarify and included with this addendum.
22. **QUESTION:** Reference Drawings - A1.03, A1.04, A6.00. A1.03 is calling for stone counter top to be 2'-2" wide while A6.00 Details 2 & 3 is calling for counter tops to be 2'-6" wide. Which information takes priority?
- ANSWER:** The vanity counters shown on the plans are 24" deep.
23. **QUESTION:** Reference Drawing - A3.00 Finish schedule. Reference Specifications: Division 09. The drawings and specifications are silent on the specifications for the stone counter tops. What product do you want to use?
- ANSWER:** The requirements for the composite stone counter tops are noted on sheet A5.01 (Bathrooms interior elevations) and further called out on the interior finish material list on sheet A3.00.

24. **QUESTION:** Reference Drawings A3.00 Finish schedule & A1.04. Sheet A3.00 is calling for Sealed Concrete (SC) floor finish in Room 2129 - Custodian, while Sheet A1.04 Note 5 is calling for New Epoxy Flooring. Which of the products do you want to use?

ANSWER: The SC reference in the Finish Schedule is referring to the epoxy coating as specified in Section 09 96 56 Epoxy Coating. Provide Epoxy flooring in this area.

Except as modified herein and in Addendum 1, all other bid specifications, terms, conditions and special provisions shall remain the same.

ISSUED BY:



THOMAS BOLDT, C.P.M.
Sr. Purchasing Analyst

Attachments: Revised Bid Form, pages 4-1 through 4-4
Revised Attachment 4 Schedule of Values
Revised Cover Sheet CVR-1 Revision 2 dated 12.4.2015
Revised Sheet A3.00 Revision 2 dated 12.4.2015
Johnson Controls proposal Revised 11/25/2015

Cc: Chuck James, Real Property Management
Brian Connolly, Real Property Management
Cesar Ceballos, Real Property Management
Ali Taghdir, ATA Architecture

CLARK COUNTY, NEVADA

BID FORM

BID NO. 603887-15

RUSSELL CAMPUS, DEPARTMENT OF AIR QUALITY: TENANT IMPROVEMENTS AT 2ND FLOOR

PWP NUMBER: CL-2016-46

REVISED PER ADDENDUM NO. 2

(NAME)

(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 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 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 **\$480** 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, _____
- 18. 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	\$ 8,500
3.	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK ALLOWANCE	\$ 114,000
4.	DUST CONTROL, AS SPECIFIED	\$
5.	STORMWATER POLLUTION, AS SPECIFIED	\$
6.	JOHNSON CONTROLS (CARDKEY EQUIPMENT INSTALLATION)	\$ 7,234.47
	TOTAL BID AMOUNT	\$

19. 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.

20. 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.

21. 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.**

22.

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

THE THREE (3) APPARENT LOWEST BIDDERS FOR THE TOTAL 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 TOTAL 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.

TOTAL BID AMOUNT

DIVISION / ITEMS	DESCRIPTION	DOLLAR AMOUNTS
00	PERMITS AND FEES BID ALLOWANCE	\$ 8,500
00	DUST CONTROL, AS SPECIFIED	\$
00	STORMWATER POLLUTION, AS SPECIFIED	\$
00	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	\$ 114,000
00	JOHNSON CONTROLS (CARDKEY EQUIPMENT INSTALLATION)	\$ 7,234-47
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	\$
34	TRANSPORTATION	\$
35	MARINE AND WATERWAYS	\$
TOTAL BID AMOUNT		\$

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

COUNTY COMMISSIONERS

STEVE SISOLAK, CHAIR DISTRICT A
 LAWRENCE L. BROWN, VICE CHAIR DISTRICT C
 MARILYN KIRKPATRICK DISTRICT B
 LAWRENCE WEEKLY DISTRICT D
 CHRIS GUINCHIGLIANI DISTRICT E
 SUSAN BRAGER, CHAIRMAN DISTRICT F
 MARY BETH SCOW DISTRICT G

COUNTY MANAGER

DON BURNETTE

ASSISTANT COUNTY MANAGERS

RANDALL J. TARR
 JEFF WELLS

CONSULTANTS



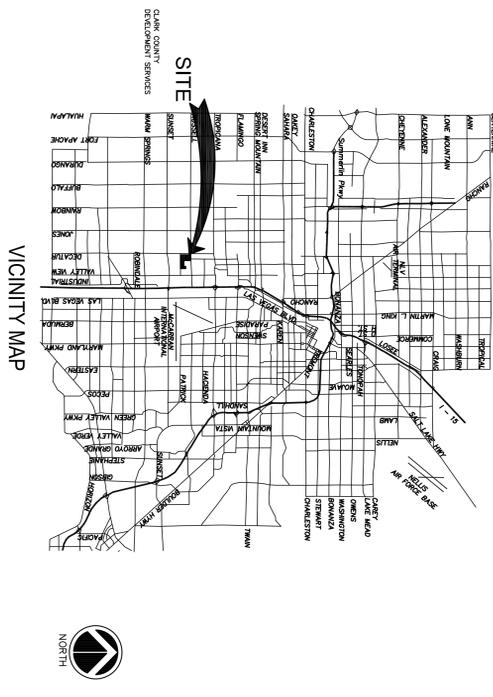
ATA ARCHITECTURE, LLC
 1613 SADDLE ROCK CIRCLE LAS VEGAS, NEVADA 89117
 TEL. (702) 360-9754 FAX (702) 360-6426
 WWW.ATAARCHITECTURE.COM E-MAIL: aia@agphdr.com
 Contact: Ail Taghdiri, AIA-NCARB

JBA CONSULTING ENGINEERS
 5155 West Patrick Lane Las Vegas, NV 89118
 (702) 362-9200
 Contact: Alex Jankovic, PE

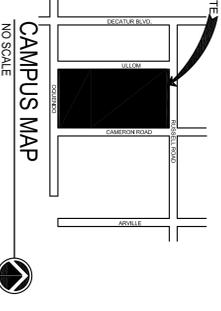
MENDENHALL SMITH STRUCTURAL ENGINEERS
 3571 Red Rock Street Las Vegas, NV 89103
 (702) 367-6725 EXT. 322
 Contact: Phil De La Mare, P.E.

PCNA CONSULTING GROUP Inc.
 7935 W Barkun Avenue, Suite 1045 Las Vegas, NV 89113-2158
 (702) 834-6200
 Contact: Michael R. Gentile, C.S.B.O.

PROJECT LOCATION



VICINITY MAP



CLARK COUNTY DEPARTMENT OF REAL PROPERTY MANAGEMENT

JEROME A. STUEVE, P.E., DIRECTOR
 ACQUISITION, DESIGN & CONSTRUCTION DIVISION
 LISA KREMER, ASSISTANT DIRECTOR
 CHUCK JAMES, D & C MANAGER

DEPARTMENT OF AIR QUALITY TENANT IMPROVEMENT

LEWIS WALLENMEYER, DIRECTOR

2ND CLARK COUNTY DEVELOPMENT SERVICES BUILDING - RUSSELL CAMPUS
 4701 W. RUSSELL ROAD, SUITE 200
 LAS VEGAS, NV 89118



BASE BID DESCRIPTION

Scope of Work includes TENANT IMPROVEMENTS to select areas of the Clark County Building Department, Russell Campus located at 4701 W. Russell Road, Suite 200, Las Vegas, NV 89118. Areas to be renovated are the Department of Air Quality use within the building are located on the first and second levels as described below:

- Level 1 - Existing Lab, Room 102, a personal use rest room and mechanical room.
- Level 2 - The existing restrooms shall be renovated in the same location and enlarged to service more staff!

Renovation construction include but are not limited to:

Demolition on the first and second level consists of: slab-on-grade demolition for new column footing, suspended slab and roof penetrations, removal and replacement of existing ceilings to access work areas, removal of existing ceilings and partitions including floor and wall finishes, doors, frames and hardware, built-in casework and countertops, plumbing fixtures, toilet and building accessories, and affected mechanical, plumbing, electrical, fire protection, and communications work as shown and documented in the construction documents.

New construction for renovation consists of: slab-on-grade pour back and fill of existing slab penetrations, patching and repair of existing roofing at new penetrations, patching and repair of existing ceilings removed to access work areas on the first and second level, steel tube framing for the overhead rafter-up door, steel deck patching, cold-formed metal framing including ceiling joists and bracing, non-structural metal partitions, rigid roof insulation, blast insulation, gypsum board and backer boards for ceramic tile, hollow metal doors and frames, wall and floor finishes including ceramic tile, wall and floor finishes including VCT carpet tile, FRP paint and rubber carpet and seal the base. Building accessories include: modification and reinstallation of existing plastic laminate casework, with stainless steel countertop, new vanity counter tops with engineered stone, toilet accessories and toilet partitions, corner guards, signage, reinstallation of fire extinguisher cabinets, and finish hardware including relocation of a card reader as shown and documented in the construction documents.

The project includes: one pre-engineered and fabricated Clean Lab with Vertical Conditioner unit to be fabricated, tested, shipped and installed by the selected manufacturer. Successful General Contractor shall fully coordinate the work as outlined in the construction documents.

BID OPTIONS DESCRIPTION

NONE

DEFERRED SUBMITTALS:

- FIRE ALARM MODIFICATIONS
- FIRE SPRINKLER MODIFICATIONS

BID SET 09/22/2015

INDEX OF THE DRAWINGS

NO.	SHEET NUMBER	SHEET TITLE
1	CRV-1	COVER SHEET
2	G1.00	GENERAL NOTES, ABBREVIATIONS AND LEGENDS
3	G1.00	CODE ANALYSIS
4	ADA-1	ADA STANDARDS
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7	AS1.01	EXISTING SITE PLAN
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8	A0.00	LEVEL 1 - DEMOLITION CONTROL PLAN
9	A0.01	LEVEL 2 - DEMOLITION CONTROL PLAN
10	A0.02	LEVEL 1 - PARTIAL DEMOLITION FLOOR PLANS
11	A0.03	LEVEL 2 - PARTIAL DEMOLITION FLOOR PLANS
12	A0.04	LEVEL 2 - PARTIAL DEMOLITION CEILING AND ROOF PLANS
13	A1.00	LEVEL 1 - CONTROL FLOOR PLAN
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15	A1.02	LEVEL 1 - ENLARGED FLOOR AND CEILING PLANS
16	A1.03	LEVEL 2 - DIMENSIONED PARTIAL FLOOR AND ROOF PLANS
17	A1.04	LEVEL 2 - PARTIAL NOTED FLOOR AND ROOF PLANS
18	A1.05	ENLARGED RESTROOM PLAN
19	A2.01	LEVEL 2 - PARTIAL REHEATED CEILING PLAN
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21	A3.00	ROOM FINISH AND DOOR SCHEDULE
22	A3.10	FINISH AND DOOR DETAILS
23	A4.00	PARTIAL BUILDING SECTIONS
24	A4.10	WALL TYPES
25	A4.11	BUILDING DETAILS
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27	A5.02	INTERIOR ELEVATIONS
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34	S3.01	PARTIAL FLOOR FRAMING PLAN - LEVEL 2
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49	M2.03	LEVEL 2 - ENLARGED MECHANICAL PLANS
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51	M8.00	SECTION
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55	P1.04	LEVEL 2 - ENLARGED PLUMBING DEMOLITION PLANS
56	P2.00	LEVEL 1 - PLUMBING PLAN
57	P2.01	LEVEL 2 - PLUMBING PLAN
58	P2.02	LEVEL 1 - ENLARGED PLUMBING PLANS
59	P2.03	LEVEL 1 - ENLARGED PLUMBING PLANS
60	P2.04	LEVEL 2 - ENLARGED PLUMBING PLANS
61	P6.00	DESIGN DETAILS
ELECTRICAL PLANS		
62	E0.00	COVER SHEET
63	E0.01	LEVEL 1 - OVERALL ELECTRICAL PLAN
64	E0.02	LEVEL 2 - OVERALL ELECTRICAL PLAN
65	E1.01	LEVEL 1 - ENLARGED ELECTRICAL DEMOLITION PLAN
66	E1.02	LEVEL 2 - ENLARGED ELECTRICAL DEMOLITION PLAN
67	E2.01	LEVEL 1 - ENLARGED ELECTRICAL PLANS
68	E2.02	LEVEL 2 - ENLARGED ELECTRICAL PLANS
TELECOMMUNICATION PLANS		
69	T0.00	COVER SHEET
70	T1.01	LEVEL 1 - ENLARGED TELECOMM DEMOLITION PLAN
71	T1.02	LEVEL 2 - ENLARGED TELECOMM DEMOLITION PLAN
72	T2.01	LEVEL 1 - ENLARGED TELECOMM PLAN
73	T2.02	LEVEL 2 - ENLARGED TELECOMM PLAN
74	T6.00	FACEPLATES AND WIRING DIAGRAMS

RUSSELL CAMPUS
DEPARTMENT OF AIR QUALITY; TENANT IMPROVEMENT
 4701 RUSSELL RD - 2ND FLOOR
 LAS VEGAS, NEVADA 89118

ATA ARCHITECTURE, LLC
 1613 SADDLE ROCK CIRCLE
 LAS VEGAS, NEVADA 89117
 TEL. (702) 360-9754 FAX (702) 360-6426

REVISIONS

NO.	DATE	TRK
1	07/14/2015	BIDD. DEPT.
2	09/22/2015	BID SET
3	10/12/2015	UPDATE NAMES
4	12/4/2015	REVISION

COVER SHEET

DRWN: AT
CHECKED: CP
APPROVED: AT

JOB NO. ATAS-0714
SCALE: AS NOTED
DATE: 07/14/2015

CRV-1

1 OF 29

PROJECT # ATAS-0714
 PLOT DATE: 09/22/2015

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 Lic# 0052022/0035466 Unlimited

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

11/25/2015

PROJECT: Building Department DAQM TI Card Access

Johnson Controls is pleased to submit the following price for the Tenant Improvement at DAQM at the Building Department

Scope Definition:

Base Bid: Johnson Controls will remove existing card reader and re-install card reader once new location is ready. Card Reader to be stored by JCI until re-installation. JCI will verify operation and change door name in head end. All conduit, wire, and back boxes by others.

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

Vendor	Part Number	Description	QTY	Total Price
JCI	Labor	Programming, checkout, re-termination, project management and limited construction meetings.	1	\$2,200.00
Total: Bldg Dept DAQM			1	\$2,200.00

Alternate 1: Johnson Controls will supply new Card Reader, new Reader controller, Request to exit, all programming and operational checkout. All conduit, wire, panel mounting and back boxes by others.

The following is included in our system scope of work (Alternate 1):

Vendor	Part Number	Description	QTY	Total Price
JCI	Material	JCI materials	1	\$1759.47
JCI	Labor	Programming, checkout, device verification, customer training and all required Project Meetings	1	\$3,275.00
JCI	Installation			
Total: Bldg Dept DAQM			1	\$5,034.47



Inclusions:

- 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
- Liquidated Damages
- Enhanced Commissioning
- Any and all Conduit and Wire

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: _____

Johnson Controls, Inc.

Name: _____

Name: William J Casiere _____

Title: _____

Title: Account Manager _____

Date: _____

Date: _____

Signature: _____

Signature: _____

Composite Access Control Cable

Banana Peel™ Jacketless Cables
Plenum-Rated and Non-Plenum

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials	Insulation Material & Color Code	Insulation Thickness		Component Jacket Material & Color	Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm				Inch	mm		Inch	mm

Composite • (3) Shielded Multi-Conductors • (1) Shielded Multi-Pair

PVC Insulation • PVC Jackets • No Overall Jacket

NEC Article 800	558AFS	NEC: CMR CEC: CMG FT4	1000	305	100	45.5	.466	11.84	(1) 4-Cond. 18 AWG Stranded Bare Copper Shielded	Beldfoil®	PVC White, Black, Red, Green	.010	.254	PVC Gray	.202	5.13
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Individual gray jacket sequentially marked at 2 ft. intervals.

Plenum • Flamarrest® Insulation • Flamarrest Jackets • No Overall Jacket

NEC Article 800	658AFS	NEC: CMP CEC: CMP FT6	1000	305	134	61	.435	11.05	(1) 4-Cond. 18 AWG Stranded Bare Copper Shielded	Beldfoil	Flamarrest White, Black, Red, Green	.009	.229	Flamarrest Gray	.191	4.85
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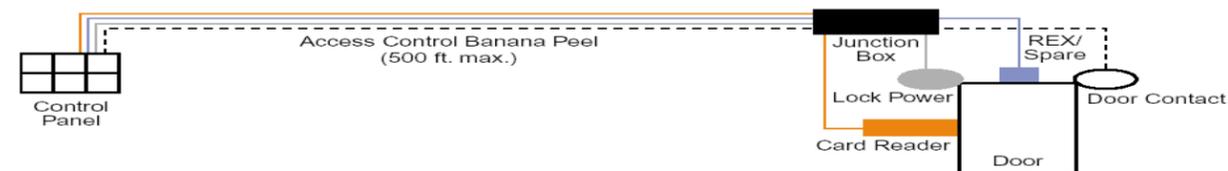


Individual gray jacket sequentially marked at 2 ft. intervals.

Individual Cable Jacket Color Coding System

Jacket Color	Print Legend	Cable Type
Gray	Lock Power	4/C, 18 AWG, Shielded
Orange	Card Reader	3/P, 22 AWG, Shielded
White	Door Contact	2/C, 22 AWG, Shielded
Blue	Rex/Spare	4/C, 22 AWG, Shielded

How Does the Access Control Panel Look?



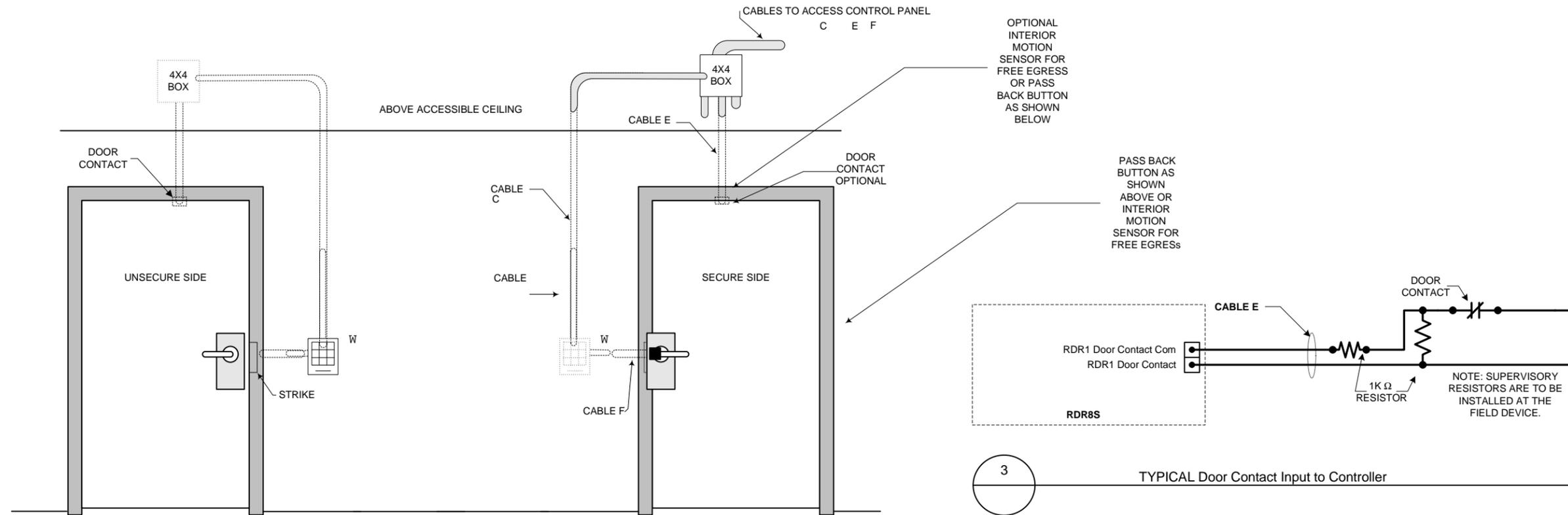
For More Information:

www.belden.com/np199.pdf

Belden Electronics Division Technical Support 1-800-BELDEN-1 or 1-800-BELDEN-3

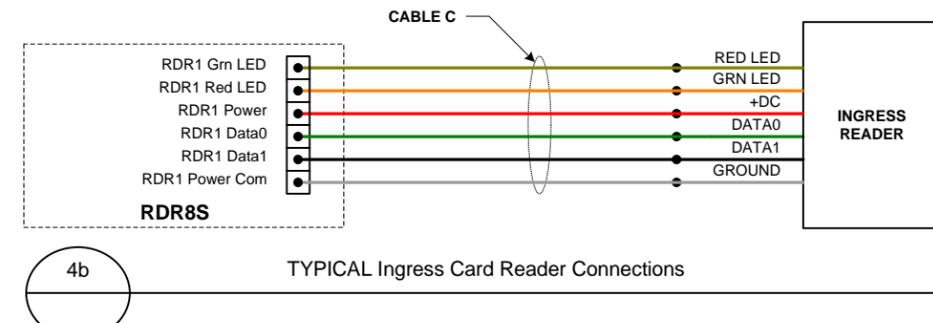
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List of doors per Door Details	Cable Type Index (Belden Numbers or Equals) A = 22 AWG 3 Pair Twisted Individually Shielded (Orange cable) B = 22 AWG 1 Pair Twisted Overall Shielded (White cable) C = 18 AWG 2 Pair Twisted Overall Shielded (Gray cable) D = 22 AWG 2 Pair Twisted Overall Shielded (Blue cable) E = 14 AWG 1 Pair Twisted Overall Shielded (Belden 8720) F = 22 AWG 4-Conductor Twisted Overall Shielded (Belden 8723) G = RG-59/U Coaxial Cable (Belden 9259) H = RG-6/U Coaxial Cable (Belden 9248) I = CAT 5 4-Unshielded Twisted Pair (Plenum WP54998, Non Plenum WP54568) J = K = L =	REVISION INFORMATION NUMBER number DATE 07/14/14 TIME 12:04 PM extra FILE NAME Belden Access Multi-Cable.vsd	Drawing Title Belden Cable Type 558AFS Project Title Clark County Fire Station #16 Las Vegas, NV	REFERENCE DRAWING NO. 1 Submittal REVISION-LOCATION ECN APPROVED BY DATE	SALES ENGINEER Ramos PROJECT MANAGER Allen APPLICATION ENGINEER Pingue DRAWN BY DATE BRANCH INFORMATION	CONTRACT NUMBER 4868-0013 DRAWING NUMBER DD-1-3
		JOHNSON CONTROLS Systems & Services Division				
		R.R.				
		APPROVED BY DATE				

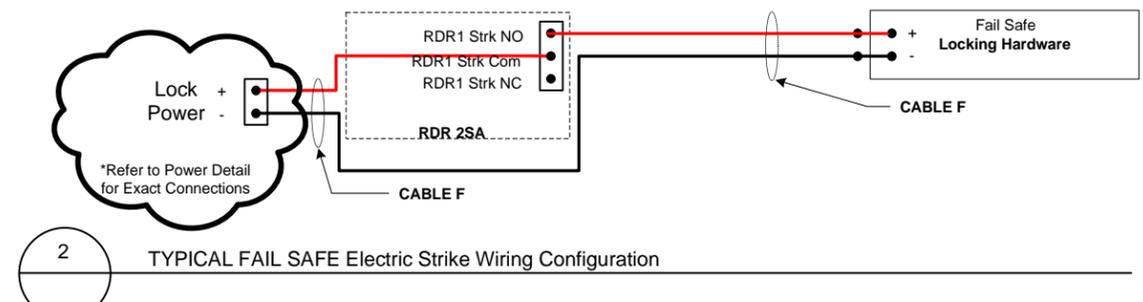


1 TYPICAL SINGLE DOOR/ELECTRIC STRIKE/CARD IN/ /FREE EGRESS/

3 TYPICAL Door Contact Input to Controller



4b TYPICAL Ingress Card Reader Connections



2 TYPICAL FAIL SAFE Electric Strike Wiring Configuration

Cable Type Index		IN CONSIDERATION OF THE RECEIPT OF THIS DOCUMENT, THE RECIPIENT AGREES NOT TO REPRODUCE, COPY, USE OR TRANSMIT THIS DOCUMENT AND/OR THE INFORMATION THEREIN CONTAINED, IN WHOLE OR IN PART, OR TO SUFFER SUCH ACTION BY OTHERS, FOR ANY PURPOSE, EXCEPT WITH THE ADVANCE WRITTEN PERMISSION OF JOHNSON CONTROLS, INC. AND FURTHER AGREES TO SURRENDER SAME TO JOHNSON CONTROLS, INC. UPON DEMAND. COPYRIGHT JOHNSON CONTROLS, INC. 2011	Drawing Title		REFERENCE DRAWING		REVISION-LOCATION		ECN	DATE	BY
A = 22 AWG 4 Conductor Overall Shielded	G = 18 AWG 3 Conductor Overall Shielded			P-2000 Access Control System Portal: Single Door, Read Entry, Free Egress Exit		NO.					
B = 16 AWG 1 Pair Overall Shielded	H = RG-59/U Coaxial Cable	Project Title		Sales Engineer	Project Manager	Application Engineer	DRAWN	BY	DATE	BY	DATE
C = 18 AWG 6 Conductor Overall Shielded	I = CAT 5 4-Unshielded Twisted Pair		CC Fire Station #16 Install		Ramos	Allen	Pingue				
D = 18 AWG 7 Conductor Overall Shielded	J =				Branch Information			CONTRACT NUMBER		4868-0013	
E = 22 AWG 1 Pair Twisted Shielded	K =				Johnson Controls			DRAWING NUMBER		DD-1-1	
F = 18 AWG 1 Pair Overall Shielded	L =										