



Department of Administrative Services

Purchasing and Contracts

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Sabra Smith Newby, Chief Administrative Officer
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CLARK COUNTY, NEVADA BID NO. 603783-15 SPRING MOUNTAIN YOUTH CAMP: SECURITY SURVEILLANCE SYSTEM- ELECTRICAL CONDUIT

October 16, 2015

ADDENDUM NO. 3

INVITATION TO BID

1. The bid opening date of October 28, 2015 at 2:15:00 p.m. **remains unchanged.**

SPECIFICATIONS

2. Specification Section 01 32 33 Photographic Documentation, **Delete** Part 3.02 Aerial Photography in its entirety.
3. **Delete** Specification 01 35 33 Environmental Procedures dated July 2015 in its entirety and **Replace** with the attached revised, Specification Section 01 35 33 Environmental Procedures dated October 7, 2015.
4. **Delete** specification Section 01 52 13, Field Offices and Sheds, Part 2, 2.01.
5. Specification Section 01 11 00 Summary of Work, Part 1.02, **Delete** paragraph B. of Contract Description in its entirety and **Replace** with the following: **"Provide all labor, materials, equipment, permits and associated fees necessary to execute the work including but not limited to patching, painting and repair of existing interior and exterior finishes and surfaces affected by electrical work, a complete raceway and box system to support the campus security installation, repair and modification of existing raceway and box systems, installation of circuits and rack as specified in the plans and specifications. In addition to installation of raceway system the electrical contractor shall provide all category cable to the surveillance device to the category patch panels. The category cables shall meet the Division 27 Specification on installing, termination and provide test results as required. All rough in locations, heights, etc. shall be coordinated with the owner. All excavation will be done using vacuum (Hydro) excavation. No mechanical digging will be allowed on site."**

DRAWINGS

6. **Add** Sheet A-A1.4 Department of Family & Youth Services Spring Mountain Youth Camp, Reflected Ceiling Plan (for reference only).
7. **Add** Sheet A-8.5, Department of Family & Youth Services Spring Mountain Youth Camp, General Detail (for reference only).
8. **Add** sheet Southern Nevada Building Offices Regional Standards Bolted light pole Base detail (**see attached** Sheet E-101).

CLARIFICATIONS

1. Question: "Specification section 01 35 53 Security procedures. Does this apply to this project? It seems to be for site security."

Answer: Yes

2. Question: "Specification section 01 51 00 Temporary Utilities. Please clarify that there will be no temporary utilities required on this project."

Answer: Yes

3. Question: "Specification section 01 73 29 Cutting and Patching (Spring Mtn Youth Camp) 3.04H calls to refinish surface to nearest intersection or natural break. The asphalt cut for the light posts will be in roads and across sidewalks with no intersections. How large of a patch will be required. These will be small trenches, will the trenching and patch considered incidental to the conduit install and able to be done by the C2 contractor?"

Answer: Contractor shall comply with this specification (means and methods) and it is the Contractor's responsibility to comply with all local, state and federal rules & regulations.

4. Question: "Specification section 01 91 13 General Commissioning requirements do not apply to the CCTV cabling. Will turning over the specified test reports on all installed cable be acceptable?"

Answer: Yes, Contractor shall comply with Division 27 for testing of Category 6 cabling.

5. Question: Specification sections 09 91 00 Exterior paint & 09 91 10 Interior paint. The amount of painting on this project is minor. Will the painting be considered incidental to the conduit install and able to be done by the C2 contractor?"

Answer: Clark County does not make any license determination. All contractors must know the limitations of their contractor's license. Contact the State of Nevada Contractor's Board for further clarification.

6. Question: "Specification sections 28 05 00 & 28 23 00 are these sections for reference only and will be under a separate contract?"

Answer: Specification Section 28 23 00 Video Surveillance (CCTV) System is for reference only. Specification Section 28 05 00 Electronic Systems General Requirements is a requirement of this contract.

7. Question: "There is no drawing for the Maintenance Building is one going to be provided and additional information on the cameras not shown in the Gym?"

Answer: The Maintenance Building is shown on the overall site plan; provide cameras as shown on the drawings. Provide cameras for the Gym as shown on the drawings.

8. Question: "The Intermediate Distribution Frame (IDF) shows rack mounted power supply who supplies and install? All terminations of cables shown at the IDF Boards are they terminated by the Integrator?"

Answer: The camera 24 Volt Power Supply shall be provided and installed by the Surveillance Integrator but the Power Supply is not needed since all cameras are PoE +. The Category 6 cable shall be provided, installed, terminated, and tested by the Electrical Contractor. Furthermore, the Electrical Contractor shall provide all required Category 6 Patch Panels at each IDF location.

9. Question: "The 8' x 4' ceiling panels in the dorms do we have any information on how they installed has they need to be removed for the new cameras?"

Answer: Contractor shall refer to the provided DMJM Clark County Department of Family & Youth Services Spring Mountain Youth Camp upper level reflected ceiling plan and details showing how ceiling panels were installed in Building A, East and West and Building B for the ability to remove panels (Department of Family & Youth Services Spring Mountain Youth Camp Sheets A-A1.4 Reflected Ceiling Plan & A-8.5 General Detail).

10. Question: "Detail 4 shows pole base attached to a metal wall note refers to Architecture for pole details. I do not see any details please advise."

Answer: See Sheet TY6.02 for camera pole mount and build to all local, County and State standards. For typical see sheet Southern Nevada Building Offices Regional Standards Bolted light pole Base detail (see attached Sheet E-101).

11. Question: "Will integrator tell us what type of box we should install?"

Answer: Clark County's Surveillance Integrator shall provide camera back box to the electrical contractor at no charge.

12. Question: "At the site visit, it was mentioned there would be an addendum issued pertaining to requirements concerning the surveillance rack, shown on Drawing TY6.02. Has there been an addendum issued?"

Answer: No, this is a coordination of the size of the surveillance rack, this measurement shall be provided by the Surveillance integrator.

13. Question: "It was mentioned throughout the drawing notes that the electrical contractor shall install the new cameras, however it was mentioned at the pre-bid meeting that a separate surveillance contractor will install and adjust the cameras, and this contractor is provided by Clark County, not the electrical/general contractor. Please clarify."

Answer: The Electrical Contractor shall install the all camera backcans, the backcans shall be provided by the Surveillance Integrator (Contractor). The Surveillance Integrator shall install the cameras.

14. Question: "The Site Overview drawing shows several "wp" camera locations that are not shown on the individual building drawings. Which drawing(s) are correct?"

Answer: Both drawings are correct unless otherwise noted in addendum or revision. All drawings and specifications are complimentary and what is required by one is as if required by all. Therefore, the camera shown in all plans are required.

15. Question: "Detail #2 on Drawing TY6.00 shows a 2-conductor cable going to each camera, as well as a Cat-6 cable. I do not recall this mentioned at the site visit. Is a 2-conductor power cable also required?"

Answer: No, all cameras are PoE and only require a Category 6 cable.

16. Question: "For this project, it is noted that the surveillance integrator is responsible for providing all material and labor in regards to cameras, surveillance equipment and rack. Just to clarify, none of these items are being furnished by Clark County, with the exception of what is shown as furnished by the owner? (i.e. network switches)"

Answer: Incorrect the surveillance integrator is responsible for the Cameras, camera mounts, camera backcans, NVR's and VMS software. The Electrical Contractor is responsible for equipment racks, cabling patch panels and pathways and cabling, terminations, and testing of cabling as specified in specifications. Clark County shall provide and install all Network devices.

17. Question: "Specification section 01 32 33 calls for aerial photography. Will this be required?"

Answer: See Specifications response No. 2.

18. Question: "Specification section 01 35 33 Environmental procedures. Does this apply to this project? It seems to be for air, water, soil and tortoise control?"

Answer: Contractor shall comply with this specification and see Specification item No. 3 per this addendum No. 3.

19. Question: "Specification section 01 52 13 Field Offices and Sheds calls Part 2 Product 2.01 Contractors Field Office and Facilities – Not Used, what does that imply?"

Answer See Specification response No.4.

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

ISSUED BY:



SANDY MOODY-UPTON
Purchasing Analyst II

Attachment(s): Section 01 35 33 Environmental Procedures dated October 7, 2015
Sheet A-A1.4 Reflected Ceiling Plan, Department of Family & Youth Services Spring Mountain Youth Camp
Sheet A-8.5, General Detail Department of Family & Youth Services Spring Mountain Youth Camp
Sheet E-101 Southern Nevada Building Officials Regional Standards, Bolted Light Pole Base Detail.

cc: Chuck James, Real Property Management
Brian Connolly, Real Property Management
Fernando Martinez, Real Property Management
James Scorsone, james.scorsone@jbace.com

SECTION 01 35 33

ENVIRONMENTAL PROCEDURES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Indoor Air Quality (IAQ) Requirements.
- B. Not used.
- C. Not used.
- D. Not used.
- E. Not used.
- F. Not used
- G. Not used
- H. Not used
- I. Human Health and Safety and Resource Protection
- J. Not used

1.02 Not used

1.03 REFERENCES

- A. National Ambient Air Quality Standard (U.S. EPA, Code of Federal Regulations, Title 40, Part 50).
- B. Industrial Workplace Standard (Reference: American Conference of Governmental Industrial Hygienists, 6500 Glenway, Building D-7, Cincinnati, OH 45211-4438).
- C. International Agency for Research on Cancer List of Chemical Carcinogens.
- D. Carcinogen List of the National Toxicology Program.
- E. Reproductive Toxin List of the Catalog of Teratogenic Agents.
- F. U.S. Environmental Protection Agency (EPA-600/8-89-074).

1.04 INDOOR AIR QUALITY (IAQ) REQUIREMENTS

- A. Interior construction materials, finishes, and furnishing including partitions, partition coverings, flooring, floor coverings, wall covering, ceiling tiles, adhesives, sealants, glazes, paints, and similar materials shall be designed, manufactured, handled, and installed in such a manner to produce the least harmful or annoying effects on the occupants of the building.
- B. Make written notification of these requirements to all appropriate suppliers of these materials to ensure that compliance is obtained from the manufacturers.
- C. All materials shall emit the lowest, yet technologically achievable, emissions of particles and chemical vapors.
 - 1. As a minimum, materials shall meet emission rate standards set forth below.

2. All emission rate calculations shall assume 900 ft³ (25.49 m³) to be the work station volume for determination of Product loading.

1.05 EMISSION RATE STANDARDS

- A. Formaldehyde Emission Rate Standard: Product emission rate measured in mg/m²/hr shall not result in an indoor air concentration level of formaldehyde greater than 0.1 ppm at the anticipated loading (m²/m³ within the building) within 30 days of installation.
 - B. Total Volatile Organic Content (VOC) Emission Rate Standard: Product emission rate measured in mg/m²/hr shall not result in an indoor air concentration level greater than 0.5 mg/m³ of the total volatile organic compounds at the anticipated loading (m²/m³ within the building) within 30 days of installation.
 - C. 4 Phenyl Cyclohexene (4-PC) Emission Rate Standard: Product emission rate measured in mg/m²/hr shall not result in an indoor air concentration level of 4-PC greater than 0.1 ppb at the anticipated loading (m²/m³ within the building) within 30 days of installation.
 - D. Regulated Pollutant Standard: Any pollutant regulated as a primary or secondary outdoor air pollutant shall meet an emission rate that will not generate an air concentration greater than that promulgated by the National Ambient Air Quality Standard.
 - E. Otherwise Unmentioned Pollutant Standard: Any pollutant not specified above shall meet an emission rate standard that will not produce an air concentration level greater than 1/10 the Threshold Limit Value (TLV) Industrial Workplace Standard at the anticipated loading (m²/m³ within the building) within thirty (30) days of installation.
 - F. Not used.
 - G. Not used.
 - H. Not used.
- 1.06 Not used.
- 1.07 Not used.
- 1.10 Not used.

PART 2 PRODUCTS

2.01 CARCINOGENIC AND TOXIC MATERIALS

- A. For all interior design materials, furnishings, and finishes, disclose in writing to Owner prior to installation of such materials, furnishings, and finishes any detectable amounts of substances emitted into the indoor air which are listed on any of the following.
 1. International Agency for Research on Cancer List of Chemical Carcinogens, or
 2. Carcinogen List of the National Toxicology Program, or
 3. Reproductive Toxin List of the Catalog of Teratogenic Agents.

2.02 DRY MATERIALS

- A. "Dry" Materials:
 1. Do not install "dry" furnishing and finishing materials, such as carpet, acoustical panels, textiles, and so forth, until "wet" materials (adhesives, sealants, glazes, caulks, paint, and so forth) have been applied and allowed to dry to the extent feasible and in accordance with good building practices.
 2. Choose drying times so that pollutant emission rates as specified for IAQ are achieved prior to installation of the "dry" furnishing and finishing materials.

- B. Pre-Conditioning: All dry furnishing and finishing materials shall be allowed to "air out" or pre-condition prior to installation in the building.

2.03 Not used.

PART 3 EXECUTION

Not Used.

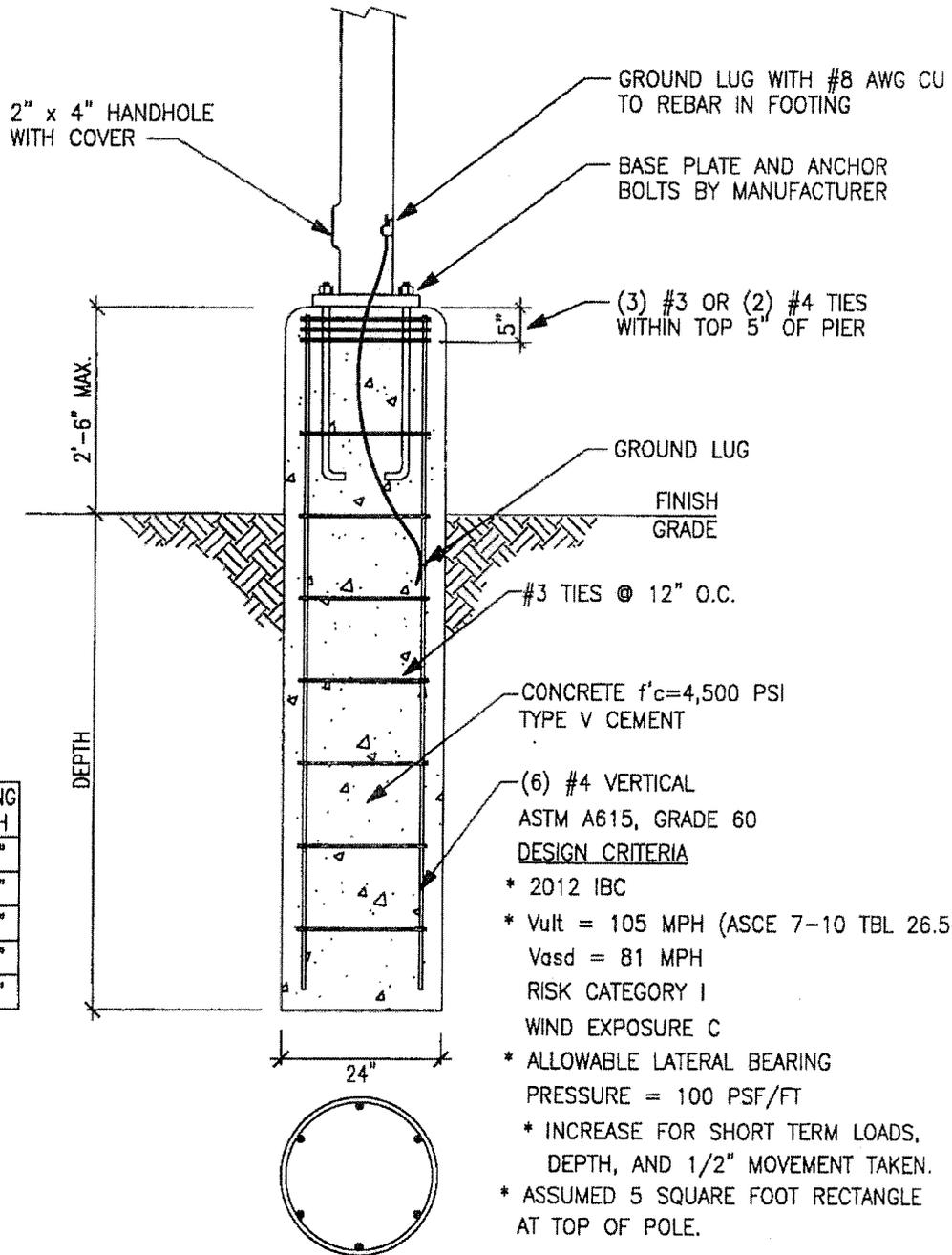
END OF SECTION

SOUTHERN NEVADA BUILDING OFFICIALS
REGIONAL STANDARDS

E-101
7-7-14
PG. 1 OF 1

BOLTED LIGHT POLE BASE DETAIL

<p>Clark County Dept. of Building & Fire Prevention 4701 W Russell Rd Las Vegas, NV 89118 (702) 455-3000</p>	<p>Boulder City Building Department 401 California Avenue Boulder City, NV 89005 (702) 293-9282</p>	<p>Henderson Bldg & Fire Safety Dept. 240 Water Street Henderson, NV 89015 (702) 267-3650</p>	<p>Las Vegas Building & Safety Dept. 333 N. Rancho Drive Las Vegas, NV 89106 (702) 229-6251</p>
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<p>Mesquite Building Department 10 East Mesquite Blvd. Mesquite, NV 89027 (702) 346-2835</p>	<p>North Las Vegas Building Department 2250 Las Vegas Blvd. N N. Las Vegas, NV 89030 (702) 633-1577</p>	<p>Pahrump Building & Fire Safet Dept. 250 N Hwy 160 Suite #3 Pahrump, NV 89060 (775) 751-3373</p>	<p>Clark County School District Building Department 4190 McLeod Drive, 1st Floor Las Vegas, NV 89121 (702) 799-7605</p>
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