

## NOTICE TO BIDDERS

Notice is hereby given that Hamilton Heights School Corporation ("Owner"), by and through its Board is requesting sealed bids for furnishing all labor, services, supplies, materials, tools, equipment, and transportation necessary for Project Vision – Phase I Hamilton Heights High School Addition and Renovations.

Multiple prime contracts will be issued to complete different phases of the overall projects.

**The sealed bids will be received until, May 8th at 4:00 p.m. (EST).**

**Bids must be delivered to:**

**Ms. Peggy Jackson, Associate Superintendent**

**Hamilton Heights High School**

**25802 SR 19**

**Arcadia, IN 46030**

All Bids received at such place, date, and time will be opened and read aloud in public at the address listed above immediately after the posted time. All bids received after such time will not be considered and returned to the respective bidder unopened.

All work for the complete construction of the Project shall be performed under one or more prime contracts with the Owner. The form of the contract is set forth in the Bidding Documents. Two copies of bid forms shall be submitted on forms provided in the Bidding Documents and project manual, and shall be properly executed in accordance with the current edition of the Indiana State Board of Accounts Form 96 – "Contractor's Bid for Public Works." Bidders must complete the entire bid forms including a statement of experience, proposed plan or plans for performing the work, the equipment the Bidder has available for performance of the work, non-collusion affidavit, and financial statement complying with Form 96. Bidders must include a satisfactory Bid Bond or certified check pursuant to Ind. Code 36-1-12-4.5, payable to the Hamilton Heights School Corporation. Bid Security shall be in the amount of not less than 10% of the Bidder's total contract price. Should a successful Bidder within ten (10) days after written notice of acceptance of bid withdraw its bid, fail to provide the required payment and performance bonds, or execute a satisfactory contract, the Owner may then declare that Bid Security forfeited as liquidated damages, not as a penalty.

Wage rates shall not apply to this Project. All Contractors and Sub-Contractors shall comply with all applicable laws including but not limited to the requirements of Ind. Code 5-16-13 et seq. and as detailed in the Bidding Documents. Contractor must also be able to and meet all requirements found in applicable public works and contract statutes.

The Bidding Documents for the Project, including the Plans and Specification are on file with the Owner and may also be examined at the following locations:

Bidtool: (800) 652-0008. [www.bidtool.net](http://www.bidtool.net).

Builders Exchange – Indiana: 1028 Shelby St., Indianapolis, IN 46203. (317) 423-7080.

[www.bxindiana.com](http://www.bxindiana.com).

Construction Market Data: (800) 330-8629. [www.cmdgroup.com](http://www.cmdgroup.com).

Dodge Data & Analytics: (877) 784-9556. [www.dodgeprojects.construction.com](http://www.dodgeprojects.construction.com).

ISQFT: (317) 248-1293. [www.isqft.com](http://www.isqft.com).

Copies of the Bidding Documents may be obtained from Eastern Engineering Supply, Inc, 9901 Allisonville Road, Fishers, IN, (317) 598-0661, [www.easternengineering.com](http://www.easternengineering.com). **There will be no cost for downloading electronic bidding documents.** Costs associated with digital and printed plans and specifications obtained from Eastern Engineering Supply Inc. are **and will** be incurred by and at the expense of the contractor and are non-refundable.

Prior to approval and execution of the Owner's contract, the Contractor(s) who is the successful Bidder shall furnish an approved Performance and Labor and Materials Payment Bond in the amount of 100% of the contract amount, which shall cover the faithful performance of the contract and the payment of all obligations arising hereunder. Performance and payment bonds shall remain in full force and effect for a period of one year after the Owner's acceptance of the work and Owner's final settlement with the successful Bidder.

The Owner expects to award the contract(s) for the work to the lowest, responsible and responsive Bidder(s). The Owner reserves the right to hold bids, including any alternates, for up to 60 days from the date of the bid opening. The Owner reserves in its sole discretion the right to reject any and all bids, is not obligated to accept the lowest or any other bid, and may waive any irregularities, discrepancies, omissions, variances or informalities in the bidding procedure.

**A pre-bid meeting for discussion of the Project, reviewing the scope of work, project specifications and drawings, bid documents, the bidding qualifying requirements and other important matters will be held at Hamilton Heights High School, 25802 SR 19, Arcadia, Indiana 46030 on April 25<sup>th</sup>, 2018 4:00 pm (EST).**

Please enter at the main entrance and check in at the Main Office. Immediately following the pre-bid meeting, an opportunity to tour the project sites will be offered. All prospective bidders are encouraged to attend this meeting. Bidders will be responsible for complying with items discussed at the meeting.

Questions regarding the project, or requests for equal status, can be directed in writing to:

**Stuart M. Godfrey, Project Architect**

**krM Architecture+**

**(765) 649-8477 Ext. 220**

**[sgodfrey@krMarchitecture.com](mailto:sgodfrey@krMarchitecture.com)**

SECTION 01 12 00  
MULTIPLE CONTRACT SUMMARY

**1 – GENERAL**

**1.01 WORK DESCRIPTION**

- A. PROJECT LOCATION:
1. The Project is located at 25802 State Road 19, Arcadia, IN. 46030.
  2. Access to the site is restricted and cooperation with on-going operations is mandatory.
- B. WORK INCLUDED:
1. This Project includes work from all divisions of construction to complete:
    - a. Addition and renovation to the existing High School, including associated site work.
    - b. A new Ticket Booth and Concession Building for the track and football field.
- C. WORK UNDER SEPARATE CONTRACTS:
1. All work for the complete construction of this project will be under various Prime Contracts with the Owner. The Construction Manager will manage the construction of the Project.
  2. Separate Prime Contracts will be awarded in accordance with the Bid Category Summary described later in this section. Contractors shall include all work required by the Contract documents for each Bid Category.
  3. **All requirements of the Contract Documents including bidding requirements, instruction to bidders, general conditions, and general requirements apply to each Bid Category.** Certain specification sections or portions of the specification sections in Division 1 (General Requirements) may be assigned to a certain Bid Category (see individual sections). This should not be interpreted as relieving each Contractor of complying with all requirements of Division 1.
- D. GENERAL PROVISIONS:
1. Contractors shall read and be thoroughly familiar with all material contained in the Project Manual and shall insure that their subcontractors are also thoroughly familiar with the same.
  2. Contractors shall be aware, and shall make their subcontractors aware, that the requirements in the sections of Division 1 pertain to all the Work, and they are as binding on each section of these specifications as if they were repeated in each section in their entirety.
- E. COOPERATION AND COORDINATION:
1. **Each Prime Contractor** shall assume full responsibility for scheduling and coordinating his own work and the Work of his Subcontractors.
  2. The Construction Manager shall be responsible for the maintenance of the construction schedule and the general coordination of the entire project.
  3. **Each Contractor** shall coordinate his Work with all other Contractors, Subcontractors, and the Construction Manager so that no conflicts of timing or location occur.
  4. All floor or wall sleeves and inserts required shall be furnished and installed by the respective Contractors unless otherwise noted. The Contractor responsible for furnishing sleeves or inserts shall see that they are kept in their proper position and not displaced by placing of concrete or other construction work.
  5. No Contractor shall endanger, cut, or alter the Work of any other Contractors without the consent of the Construction Manager, Architect/Engineer, and Owner.

F. CONTRACTS:

1. Type: "Construction Management Edition, Standard Form of Agreement Between the Owner and Contractor", AIA Document A232-2009.

G. CONTRACTOR'S OBLIGATIONS:

1. Construction:
  - a. Labor, materials, and equipment
  - b. Tools, construction equipment, and machinery
  - c. Temporary facilities, services, and protection required for construction as described later in this section
  - d. All other facilities and services necessary for proper execution and completion of the Work.
2. Taxes:
  - a. Pay legally required State and Federal Taxes. Materials and properties purchased by contracts with the Owner that become a permanent part of the structure or facilities constructed are not subject to Indiana Gross Retail Tax (Sales Tax). **Each Contractor** shall:
    - 1) Obtain sales tax exemption certificate number from Owner.
    - 2) Place exemption certificate number on invoices for materials incorporated in the Work.
    - 3) Enforce this exemption clause for his purchases and for those of his subcontractors.
    - 4) Upon completion of the Work, file a notarized statement with the Owner that all purchases made under exemption certificate were entitled to be exempt.
    - 5) Pay legally assessed penalties for improper use of exemption certificate number.

H. PERMITS AND LICENSES:

1. The general building permit and the improvement location permit shall be secured by the Construction Manager. All other permits, fees, and licenses shall be secured and paid for by the Contractor performing the Work that requires the permit, fee, or license.
2. Inspections of appropriate agencies shall be scheduled by **Each Contractor**. Notify the Construction Manager about inspections scheduled. Provide inspection certificates as a part of the Close-Out documents. **Each Contractor** shall give notices and comply with laws, ordinances, rules, regulations, and orders of public authority bearing on the performance of his work. If the Contractor observes that the Contract Documents are at variance therewith, he shall promptly notify the Construction Manager and Architect/Engineer in writing, and necessary changes shall be adjusted by appropriate notification. If a Contractor performs work knowing it to be contrary to such laws or ordinances, he shall assume full responsibility therefore and shall bear costs attributable thereto.

I. COMPLIANCE:

1. Comply with all Codes, Ordinances, Rules and Regulations, Orders, and other legal requirements of public authorities which bear on performance of Work.
2. Promptly submit written notice to Architect/Engineer, through the Construction Manager, of observed variance of Contract Documents from legal requirements.

J. SPECIAL CONTRACT REQUIREMENTS

1. **E-Verify Compliance:** Pursuant to I.C. 22-5-1.7, Contractor shall enroll in and verify the work eligibility status of all newly hired employees of Contractor through the E-Verify Program (Program). Contractor is not required to verify the work eligibility status of all newly hired employees through the Program if the Program no longer exists. Also pursuant to I.C. 22-5-1.7, Contractor must execute an affidavit affirming that the Contractor does not knowingly employ an unauthorized alien and confirming Contractor's

enrollment in the Program, unless the Program no longer exists, shall be filed with the Owner prior to the execution of this contract. This contract shall not be deemed fully executed until such affidavit is delivered to the Owner.

Contractor and its subcontractors shall not knowingly employ or contract with an unauthorized alien or retain an employee or contract with a person that contractor or its subcontractor subsequently learns is an unauthorized alien. If Contractor violates this provision the Owner shall require Contractor to remedy the violation not later than thirty (30) days after the Owner notifies Contractor. If Contractor fails to remedy the violation within the thirty (30) day period, the Owner shall terminate the contract for breach of contract. If Owner terminates the contract, Contractor shall be liable to the owner for actual damages in addition to any other contractual remedies. There is a rebuttable presumption that Contractor did not knowingly employ an unauthorized alien if Contractor verified the work eligibility status of the employee through the Program.

Prior to performing any work, Contractor shall require each subcontractor to certify to Contractor that the subcontractor does not knowingly employ or contract with an unauthorized alien and has enrolled in the Program. Contractor shall maintain on file a certification from each subcontractor throughout the duration of this contract or project which is the subject of this contract. If Contractor determines that a subcontractor is in violation of this provision, Contractor may terminate its contract with the subcontractor for such violation. In Accordance With I.C. 5-16-13 Contractor must provide the E-Verify Case Number of every employee that works on the project. This requirement includes the contractor's subs and suppliers to the fourth (4<sup>th</sup>) tier.

2. Background Checks: The Owner is requiring that all contractors and subcontractors submit an expanded history check through Safe Hiring Solutions, P.O. Box 295, Danville, IN 46122, 1-888-215-8296 for all on-site personnel. (Owner is responsible for the cost of this background check). Each on-site employee must meet with the Owner's approval prior to the employee starting work on the project. All contractor personnel and employees, once cleared for work will be issued a project identification badge that must be worn at all times while on site. All contractors will be expected to provide the required information no later than 24 hours in advance of the employee coming to work at the project site.
3. The new Public Works Law pursuant to Indiana Code 5-16-13 Requirements for Contractors on Public Works Projects enacted by the Indiana Legislator requires, in addition to requirements already in effect, contractors to comply with the following:
  - a. Tier 1 – General/Prime Contractors to self-perform 15% of their total Contract.
  - b. Qualification through the Department of Administration or INDOT. For the bidders on State Projects and on State Projects more than \$150,000 Qualification is required prior to bidding per IC 4-13.6-4. For work on Local Unit Government Projects qualification is only required on contracts of \$300,000 or more and only on projects awarded after December 31, 2016.
  - c. Include Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6 with Bid.
  - d. Minimum Insurance Requirements \$1M/occurrence \$2M/aggregate. However, check your bidding requirements as the Owners may have higher limit requirements.
  - e. Mandatory enrollment in E-Verify by all contractors down to the 4<sup>th</sup> Tier Sub Contracts and must provide the case verification number of all employees working on the project.
  - f. Prohibits contractors down to the 4<sup>th</sup> Tier Sub Contract from paying employees in cash.

- g. Requirement to retain payroll records for 3 years.
- h. All contractors down to the 4<sup>th</sup> Tier Sub Contract must comply with Fair Labor Act, Indiana's Workers Compensation and Unemployment Compensation Insurance.
- i. Mandatory Training Requirements based upon number of employees.

Failure to comply may result in debarment from public works project for up to 4 years.

- 4. All contractors down to the 4<sup>th</sup> Tier Sub Contract must maintain general liability insurance in at least the following amounts: Each Occurrence Limit of \$1,000,000 and General Aggregate Limit of \$2,000,000. Other requirements and limits may apply, see Supplementary General Conditions.
  - 5. **Energy Rebate Program:** Contractors and Subcontractors supplying products eligible for energy rebates such as lighting, occupancy sensors, VFD'd, etc. will be required to provide the owner with product specifications and invoices showing per unit cost of products installed. Other information may be required by Duke Energy per rebate program requirements. Paperwork must be submitted to the owner, through the Construction Manager, within 30 days of the installation of the product.
- K. PROJECT WORK RULES:
- 1. **Each Contractor** shall be responsible for enforcing the project work rules among their employees.
  - 2. Any persons on the project found to be under the influence of drugs or alcohol shall be removed from the project immediately.
  - 3. Tobacco products will not be permitted on school property.
  - 4. Enforce strict discipline and good order among employees.
  - 5. Labor shall be skilled in assigned task or trade.
  - 6. Any harassment or fraternization with the students, faculty or visitors will be grounds for immediate dismissal from the jobsite.
  - 7. Shoes, shirts with at least 4" sleeves, and long pants will be worn at all times. Tennis shoes will not be proper attire for this project.
  - 8. Hard hats and eye protection will be worn at all times—NO EXCEPTIONS.
  - 9. Clothing, hard hats and tattoos with inappropriate/obscene graphics and/or language will not be permitted.
  - 10. Habitual profanity or offensive behavior will be grounds for immediate dismissal from the jobsite.
  - 11. Workers shall enter and exit the construction site at the designated entry.
  - 12. Workers shall park in designated areas only. Parking near the construction site is allowed for temporary loading or unloading of equipment or materials only.
  - 13. The use of radios, ear buds or other sound producing devices is prohibited.
  - 14. Workers are to keep the project clean of personal litter. Areas used for breaks or lunch shall be cleaned up immediately by those using the area.
  - 15. Work breaks will only be permitted in designated areas.
  - 16. Workers are not to use the owners existing restroom facilities.
  - 17. The activities of all construction workers shall be confined inside the construction limits defined on the plans.
  - 18. Each contractor is responsible for cleaning up their areas and taking trash to dumpsters daily.
- L. SAFETY:
- 1. All Work of this project is governed by applicable safety and health provisions of Federal and State laws and regulations, including, but not limited to:
    - a. Williams-Steiger Occupational Safety & Health Act of 1970, 29 U.S.C.ss651-678, and the Indiana Occupational Safety Act, IC 22-8-1.1et seq.

- b. Part 1910 Occupational Safety & Health Standards, Chapter XVII of Title 29, Code of Federal Regulations.
  - c. Part 15268-Safety & Health Regulations for Construction. Chapter XVII of Title 29, Code of Federal Regulations.
2. Jobsite safety and all current regulations pertaining thereto are the responsibility of **Each Contractor**. Certain references to safety within the Contract Documents do not constitute specific instructions to the Contractor, but are included only to highlight certain aspects of the Project conditions. In no case shall instruction from the Owner, Architect/Engineer, or Construction Manager make the Owner, Architect/Engineer, or Construction Manager liable for safety violations.
  3. Each prime Contractor shall provide a copy of their safety and HAZCOM programs for filing in the Construction Manager's trailer before starting work on the project.
  4. Each Contractor acknowledges that the safety of Students, Employees and guests is of the utmost importance. The Contractor will take no action which would jeopardize the safety of the Owner's Students, Employees or guests, and without the Owner's written approval, shall take no action which would interfere with the Owner's activities.
  5. Each Contractor shall be responsible for safety and health of persons and property affected by the Contractor's performance of the work, including work performed by his subcontractors. This requirement shall apply continuously during the entire contract period, and shall not be limited to normal working hours.
  6. Each Contractor shall designate a qualified safety and health representative to be responsible for the administration of the Contractor's Safety and Health Program.
  7. Comply with the above referenced safety regulations for construction as applicable to the Contract and the Contractor's means and methods of construction. Each Contractor shall be liable for violations as may be cited or charged against the Contractor by authority governing the safety and health regulations for construction.
  8. The Owner, Architect and Construction Manager shall not be responsible for construction means and methods and shall not be responsible for construction safety. The Contractor shall indemnify and hold harmless the Owner, Architect and Construction Manager under the provisions of the General Conditions.
  9. Should a safety incident occur, provide the Construction Manager with a detailed **Incident Report** no later than 24 hours after the occurrence.

M. DOCUMENTATION:

1. Tests and proof of Performance:
  - a. Prior to Final Inspection. Provide all test data in a proper format as required by the Contract Documents.

## **2 – PRODUCTS**

### **2.01 CONTRACTOR FURNISHED MATERIALS, EQUIPMENT AND LABOR**

A. GENERAL:

1. All materials and equipment shall be in strict accordance with the Contract Documents and same shall be new, of the best grade and quality, and of domestic manufacture.

### **2.02 OWNER FURNISHED EQUIPMENT**

A. OWNER'S OBLIGATION:

1. Furnish the Construction Manager with list of equipment and scheduled delivery dates for integration into schedule.
2. Arrange for and deliver to Contractor the Owner-reviewed shop drawings, product data, and samples.
3. Arrange for manufacture's warranty, inspections, and service.

B. CONTRACTOR'S OBLIGATION:

1. Provide access to project for Owner's equipment and integrate delivery dates into Construction Schedule.
2. Review Owner furnished shop drawings, product data, and samples.
3. Jointly inspect all Owner-furnished products with Owner for completeness or damage.

### **3 – EXECUTION**

#### **3.01 INSTALLATION**

A. WORKMANSHIP

1. All materials and equipment shall be installed and supported in a first-class workmanlike manner by mechanics skilled in their particular trades.

#### **3.02 BID CATEGORY SUMMARY**

A. SCOPE:

1. All applicable requirements of the specifications including **Divisions 0 and 1**, bidding requirements, instructions to bidders, general conditions and general requirements apply to each section of the specifications and each Bid Category. **Each Contractor** shall be responsible for these requirements.
2. The Contractor for a Bid Category shall be familiar with the Work and requirements of the other Bid Categories.
3. The drawings and specifications as furnished for each of the Bid Categories are for the convenience of the Contractor in preparing a proposal for this project. However, each Contractor is to be responsible for reviewing the complete set of drawings and specifications to assure that all work required to be installed to complete his phase of work is included in his proposal.
4. This Bid Category Summary is a definition of the Work as it is to be bid in separate contracts. Where a specific item of work is not defined, but is normally inherent to a trade or is included in the scope of the applicable technical section, it will be the responsibility of that Contractor to include the Work in his proposal.
5. Removal, relocation, reinstallation of safety barricades at open sided floors or floor or wall openings, in order to accommodate work to be installed in the respective area, shall be the responsibility of the Contractor requiring clearance for his work.
6. Any references to "Mechanical Contractor" in the specification sections shall mean, for this project, the appropriate Division 20-25 Bid Category as assigned in Section 01 12 00.
7. References to "General Contractor" in Divisions 2-12 of the specifications shall mean, for this project, the appropriate Architectural Bid Category as assigned in Section 01 12 00.
8. **Each Contractor** making utility or construction cuts will be totally responsible to cut, excavate, install new material, provide and compact backfill, dispose of excess material and return the area to its original condition.
9. Any Contractor who places concrete shall confine concrete waste material to an area of the site designated by the Construction Manager. The Contractor placing the concrete shall be responsible for removing the waste from the site.
10. Any Contractor (or his subcontractor or supplier) who disturbs the granular drainage fill and/or the subgrade shall be responsible for repairing same (back to the original condition) **immediately**. If the Contractor does not perform this work in a timely manner, the Construction Manager will have the work performed by another Contractor and the cost will be deducted from the Contract.
11. Mechanized equipment or heavy trucks will only be allowed on designated areas of the paved portion of the parking lot.



12. Any mechanized equipment used inside the existing building must not emit hazardous fumes.
13. **Each Contractor** causing ruts or damage to the parking lot, roadways or the site shall be responsible for repairs on a daily basis. The Construction Manager will coordinate repair work among the responsible Contractors.
14. **Each Contractor** shall be responsible for keeping public streets clear of mud and dust caused by his own equipment or the equipment of his suppliers or subcontractors. Coordinate cleaning operations with the Construction Manager. Contractors who do not perform this cleaning will have the expense of cleaning the streets deducted from their contracts.
15. **Each Contractor** shall provide for and maintain reasonable protection of his work and/or products until substantial completion. However, **All Contractors and Subcontractors** shall be responsible for taking care to avoid damaging, covering up, moving or misaligning the Work, products or equipment provided by other contractors. If the Work of a Contractor is likely to damage the Work, products or equipment provided and installed by another Contractor, the Contractor that will likely inflict the damage is responsible for appropriate additional protection. Notify the Construction Manager immediately if any damage is done to another contractor's Work.
16. Any Work (except areas shown to be vacated) located in or adjacent to existing classrooms or offices shall be completed before or after normal school hours to avoid disruption of school activities.

**B. GENERAL REQUIREMENTS FURNISHED BY THE OWNER OR CONSTRUCTION MANAGER:**

1. Local building permit and improvement location permit; all other permits, fees, and licenses shall be secured and paid for by the Contractor performing the Work that requires the permit, fee, or license.
2. Certain testing requirements as noted in Section 01 45 00. Any other testing called for in the specifications shall be provided and paid for by the Contractor responsible for that specification section.
3. Cost of electrical power consumed.
4. Payment for the cost of temporary water consumed.
5. Field office for the use of the Owner, Architect/Engineer, and Construction Manager.
6. Electrical service for the Construction Manager's field office.
7. Temporary electrical service located near the Contractor field office area. All electrical connections to the temporary electrical service for construction trailers are the responsibility of **Individual Contractors**.

**C. GENERAL REQUIREMENTS APPLICABLE TO ALL CONTRACTORS:**

1. All sections included in Division 0 and Division 1 apply to all Prime Contractors (all Bid Categories) unless it is specifically noted that a certain section or portion of a section is assigned to a designated Contractor, the Owner, or the Construction Manager.
2. Sections 01 21 00-**Allowances** and 01 23 00-**Alternates** may affect the work of these Bid Categories.
3. Each Contractor is responsible for reviewing all Division 1 specification sections for items of work assigned to their Bid Category.

**D. GENERAL NOTES:**

1. Contractors are not to contact any Hamilton Heights employee or board member concerning access to the building or about construction details. Such action may result in disqualification. To visit any building or site contact Paul Browning (WR Dunkin Site Superintendent) at 765-617-2634 ([pbrowning@wrdunkin.com](mailto:pbrowning@wrdunkin.com)).
2. Carpet and resilient flooring will be bid at a later date.
3. Any Contractor performing excavation on site shall remove the spoils from the site.

4. The scope of this contract includes additions and renovations to the **High School** (including associated site work) and construction of a **Concession Building and Ticket Booths** (including associated site work).

E. RELATED PROJECTS UNDER CONSTRUCTION

1. High School Greenhouse Addition: Work is substantially completed. Paving to be completed in May 2018
2. High School Interior Finishes –summer project to complete flooring and painting in certain areas of the high school. Schedule: Summer 2018-Substantial Completion to be 7/28/18.
3. Elementary School / Middle School Additions and Renovation and High School Track and Tennis Court Renovation.
  - a. Building Additions and Renovation: Schedule: Work starting immediately, Substantial Completion to be 6/21/19.
  - b. High School Track and Tennis Court: Schedule: Completed during Summer 2018.

F. BID CATEGORY LIST

1. Bid Category 1- Site Utilities and Excavation
2. Bid Category 2- Concrete
3. Bid Category 3- Masonry
4. Bid Category 4- Steel
5. Bid Category 5- General Trades
6. Bid Category 6- Roofing
7. Bid Category 7- Glass & Glazing
8. Bid Category 8- Walls & Ceilings
9. Bid Category 9- Flooring
10. Bid Category 10- Painting
11. Bid Category 11- Fire Suppression
12. Bid Category 12- Mechanical
13. Bid Category 13- Electrical

G. BID CATEGORIES

1. Bid Category 1 – Site Utilities and Excavation

a. Specification / Division                      Title

02 41 16	Structure Demolition
31 11 00	Clearing and Grubbing
31 22 00	Grading
31 23 00	Excavation and Backfill

- b. The following supplementary instructions apply to this bid category:

- 1) Bid Category 1 is responsible for constructing/maintaining the staging area as required through an allowance (See Section 01 21 00). All work shown on the Civil Drawings, specifically C400, relating to concrete washout, silt fence, etc. is NOT a part of the allowance and shall be included in the base bid for this Bid Category.
- 2) This Contractor shall be responsible for engineering and layout of the site-work, site utilities and storm and sanitary sewers.
- 3) This Contractor is responsible for all site demolition.
- 4) Bid Category 1 shall take care to saw cut and carefully remove existing asphalt where new curbs and walks are to be placed. Asphalt patching is the responsibility of this Contractor.
- 5) This Contractor shall be responsible for dust control.
- 6) Repair any ruts (daily) caused by this Contractor’s mechanized equipment.

- 7) This Contractor shall be responsible for dewatering his excavations.
- 8) This Contractor is responsible for new storm piping being installed under the new addition to a new storm manhole outside the building. Additionally, this Contractor shall be responsible for constructing the new sanitary structure, sanitary lateral, connections, cleanouts, etc. shown on Civil drawing C104. This work along with construction of the building pad must be expedited in order to complete the building foundation.
- 9) This Contractor shall be responsible for the site storm and sanitary sewers beginning at a point 5'-0" from the exterior wall of the Concession building.
- 10) Strip top soil and stockpile on site. This Contractor shall distribute the topsoil once the final rough grading is completed and walks and curbs are in place. The General Trades Contractor will be responsible for fine grading.
- 11) This Contractor shall backfill and compact the exterior of the foundation walls. Coordinate this work with the Concrete Contractor, Bid Category 2.
- 12) This Contractor shall be responsible for removal of existing fencing as well as all other site demolition noted on the Site Demolition Plans AC1-0. Removal and re-installation of Gate Equipment (Note 10 on AC1-1) is the responsibility of the General Trades Contractor-Bid Category 5.

2. Bid Category 2-Concrete

a. Specification / Division

Title

Division 3	Concrete
07 21 13	Board Insulation (Perimeter Insulation)
07 26 00	Vapor Retarders
31 23 00	Excavation and Backfill
31 31 16	Termite Control
32 13 13	Concrete Paving
32 13 16	Decorative Concrete Paving
32 17 26	Tactile Warning Surfacing

b. The following supplementary instructions apply to this bid category:

- 1) This Contractor shall be responsible for engineering and layout necessary to accomplish his work.
- 2) Provide Concrete Washout per Drawing C 400.
- 3) The Site Utility and Excavation Contractor (Bid Category 1) shall establish the subgrade. This Contractor is responsible for accepting the subgrade.
- 4) This Contractor shall perform any excavation, drainage fill and backfill necessary to construct walks, curbs, steps or other site concrete items.
- 5) This Contractor shall be responsible for dust control as required.
- 6) Provide protective caps for all exposed reinforcing steel.
- 7) Furnish and install all reinforcing steel for the building and site concrete.
- 8) Repair any ruts (daily) caused by this Contractor's mechanized equipment.
- 9) This Contractor shall set anchor bolts and set/grout base plates furnished by the Structural Steel Contractor (Bid Category 4).
- 10) This Contractor shall be responsible for placing all building concrete foundations, floors, elevated slabs, stairs and equipment pads throughout the building.
- 11) This Contractor shall be responsible for all concrete foundations and equipment pads shown on the plans (Civil, Architectural, Mechanical and Electrical) unless noted otherwise. If concrete pads or foundations are required but not noted on the plans, the contractor requiring the pad or foundation will be responsible for the work.

- 12) This Contractor is responsible for concrete fill in metal stair treads and landings. If concrete is not placed immediately after the stairs are installed, this Contractor shall place temporary filler in the pans in accordance with OSHA requirements.
- 13) Provide stair nosings at concrete stair treads.
- 14) This Contractor is responsible for excavation, perimeter insulation, foundation drainage, and backfill for building concrete.
- 15) This Contractor is responsible for providing all drainage fill, soil poisoning, vapor barrier, wire mesh and concrete slabs on grade.
- 16) This Contractor shall be responsible for dewatering his excavations, the building pad, and foundations as required.
- 17) This Contractor shall coordinate under slab rough-ins with mechanical and electrical trades.
- 18) Furnish and install all wood nailers or grounds embedded in concrete.
- 19) All recesses, chases, depressions, openings or inserts in the concrete required by Mechanical or Electrical trades shall be provided and/or located by those trades and installed by this Contractor.
- 20) This Contractor shall backfill and compact the interior of the foundation walls. Coordinate this work with the Site Utilities and Excavating Contractor, Bid Category 1.
- 21) Scope of work for locker base details 7/A9-1: Bid Category 2: Provide compacted fill, concrete slab and concrete in block cores, rebar in slab and CMU and embedded blocking. Bid Category 3: Provide block foundations.
- 22) This Contractor shall furnish and install the board insulation that is a part of the snow-melt system.
- 23) Furnish and install sealer and/or Ashford formula at floors where noted in the finish schedule.
- 24) Scope Clarification: Steel tube counter support per 11/A6-5. Bid Category 4-Steel, provide counter support steel to Bid Category 2 for installation. Bid Category 2 shall be responsible for protecting the finish of the steel. Coordinate location with the Bid Category 5-General Trades.

3. Bid Category 3-Masonry

a. Specification / Division

Title

Division 4	Masonry
07 21 13	Board Insulation
07 28 00	Moisture Barriers
07 65 00	Flexible Flashings

b. The following supplementary instructions apply to this bid category:

- 1) Furnish and install all reinforcing steel and concrete grout in masonry walls. Provide protective caps for all protruding reinforcing steel.
- 2) This Contractor shall set loose angles, lintels, and other loose miscellaneous steel items, occurring in masonry walls, furnished by Bid Category 4.
- 3) This Contractor shall furnish and install all rigid insulation in masonry wall cavities.
- 4) Review Demolition drawings for masonry patching requirements. Where masonry walls are designated to be saw cut for new openings or to remove sections of masonry wall, the General Trades Contractor, Bid Category 5 will cut the openings and remove debris. The Masonry Contractor, Bid Category 3, will be responsible for patching/toothing as required.
- 5) Bid Category 6, Roofing Contractor shall furnish all roof flashing (if any) that is to be embedded in masonry walls. Installation will be by Bid Category 3.
- 6) This Contractor shall grout all door frames in masonry walls.

- 7) This Contractor shall inspect and repair all masonry walls after the block filler has been applied. If the painter fails to allow the Masonry Contractor the opportunity to inspect and repair the masonry walls, then the Painting Contractor accepts the responsibility to repaint should the walls need masonry repairs after inspection.
- 8) This Contractor shall be responsible for protecting door frames while laying up masonry walls. Promptly notify Bid Category 5 if frames are knocked out of proper alignment.
- 9) This Contractor is responsible for cleaning off the top of concrete footings in order to strike lines and lay up foundation walls. This includes removing water that has accumulated on top of concrete footings.
- 10) This Contractor shall set and build in any embeds furnished by other contractors.
- 11) Coordinate rough openings with other trades.
- 12) Leave building expansion joints plumb and clean for caulking by others.
- 13) Scope of work for structural details similar to 11 & 12/S6-1: The Steel Contractor shall furnish the steel plates, angles and anchors to the Masonry Contractor for installation.
- 14) Review the Landscape Plans for masonry at planter walls.
- 15) The General Trades Contractor shall furnish anchor bolts at the bond beams/top course of CMU (Concession/Ticket Booth) to the Masonry Contractor for installation.

4. Bid Category 4-Steel

a. Specification / Division

Title

05 12 00	Structural Steel Framing
05 21 00	Structural Joist Framing
05 31 00	Steel Decking
05 50 00	Metal Fabrications
05 51 00	Metal Stairs

b. The following supplementary instructions apply to this bid category:

- 1) This Contractor shall accept the substrate to which he is applying his material prior to proceeding with his work. If the substrate does not meet his approval he shall notify the Construction Manager immediately
- 2) Provide anchor bolts, base plates and setting plan to Bid Category 2, for installation.
- 3) The grouting of base plates will be completed by Bid Category 2.
- 4) Furnish and install all steel stairs and railings with stairs and ramps.
- 5) This Contractor shall erect, maintain and leave in place, for removal by others, OSHA approved guard rails and toe boards at the perimeter of all open sided floors (including stair openings) and the roof. The railing must be installed as soon as the metal deck is in place.
- 6) Touch up all steel surfaces and welds after erection.
- 7) This Contractor shall furnish loose angles, lintels and other loose miscellaneous steel items occurring in masonry walls, to be installed by Bid Category 3.
- 8) This Contractor shall be responsible for miscellaneous steel angles, plates and similar steel shapes shown on the Architectural drawings that may not be shown on the Structural drawings.
- 9) Scope of work for structural details similar to 11 & 12/S6-1: The Steel Contractor shall furnish the steel plates, angles and anchors to the Masonry Contractor for installation.
- 10) Scope Clarification: Steel tube counter support per 11/A6-5. Bid Category 4-Steel, provide counter support steel to Bid Category 2 for installation. Bid

Category 2 shall be responsible for protecting the finish of the steel. Coordinate location with the Bid Category 5-General Trades.

- 11) Provide crane matting and crane access required to complete the work of this Bid Category. Repair subgrade as required.
- 12) Before erection of steel clean mud, dirt, debris, etc. from all steel items provided by this Bid Category.
- 13) Before setting steel adjacent to the existing building structure notify the Construction Manager a minimum of 5 days before beginning work.
- 14) The General Trades Contractor shall be responsible for furnishing and installing the metal roof deck and steel tube supports for the perforated metal panels located at the Ticket Booths/Concession Building.

5. Bid Category 5-General Trades

a. Specification / Division

Title

02 41 20	Selective Building Demolition
06 10 00	Rough Carpentry
06 41 00	Architectural Wood Casework
06 46 00	Wood Trim
06 61 16	Solid Surfacing Fabrications
07 21 15	Batt Insulation (Concession Building)
07 84 00	Firestopping
07 92 00	Joint Sealants
08 11 13	Hollow Metal Doors and Frames
08 14 16	Flush Wood Doors
08 31 00	Access Doors and Panels
08 33 13	Overhead Coiling Counter Doors
08 36 13	Sectional Doors
08 71 00	Door Hardware
08 71 01	Door Hardware Index
09 64 66	Wood Gymnasium Floor Refinishing
09 66 23	Resinous Matrix Terrazzo
09 66 24	Terrazzo Vitrification
Division 10	Specialties
Division 11	Equipment
Division 12	Furnishings
32 31 13	Chain Link Fences and Gates
32 31 19	Decorative Metal Fences and Gates
32 92 00	Turf and Grasses
32 93 00	Plants

b. The following supplementary instructions apply to this bid category:

- 1) This Contractor shall be responsible for enclosing all exterior openings of the building to accommodate temporary heating as directed by the Construction Manager (as part of an allowance).
- 2) Where areas of the existing building, including roof areas, are to be removed to allow for the new construction, this Contractor shall provide weather-proof protection until the new construction is in place. This is NOT part of the temporary enclosures allowance.
- 3) This Contractor shall be responsible for temporary interior partitions as directed by the Construction Manager (as part of an allowance).
- 4) This Contractor shall remove all items as shown on the demolition drawings. This demolition scope includes removal of floor finishes, including removal of adhesives and glues down to bare concrete, and preparing the substrate for new

finish material. This does NOT INCLUDE removal of flooring in the following corridors: 202, 203, 206, 207, 208 and 209. These areas will be addressed in future projects. NOTE: In a portion of Corridors 208, 207 and 206 the Mechanical Contractor will be cutting the floor for a sanitary line running from Restroom 169 to Mens 15. The General Trades Contractor shall remove the carpet (including adhesives) in this area (See Plumbing Drawings). The General Trades Contractor shall also remove the existing carpet (including adhesives) in the area of new terrazzo in Alternate 4.

- 5) Provide fine grading and seeding at all disturbed areas on site.
- 6) Where new openings are to be cut in existing masonry walls, This Contractor will neatly saw cut the opening, including providing any required needling/support/shoring. This Contractor shall also be responsible for neatly saw cutting where masonry walls are removed. The Masonry Contractor, Bid Category 3, will be responsible for patching/toothing as required at all of these locations.
- 7) This Contractor shall be responsible for filling nail holes in wood trim prior to a finish being applied.
- 8) This Contractor is responsible for repairing the parquet floors in the East and West Gyms per note 8 on the "A-11" drawings.
- 9) This Contractor shall include the stainless steel counter and cash drawer at the rolling counter shutters located at the Concessions room and Concession Building.
- 10) This Contractor shall furnish the finished hardware for the aluminum doors to Bid Category 7-Glass & Glazing, for installation.
- 11) This Contractor shall provide a locked storage area for the finished hardware.
- 12) This Contractor shall be responsible for providing firestopping for all trades **except** Mechanical, Fire Protection and Electrical.
- 13) This Contractor is responsible for all joint sealants, including, but not limited to door frames, aluminum frames (interior only), casework, masonry control joints, **except** at plumbing fixtures.
- 14) Furnish and install all access panels shown on the drawings (Architectural, Mechanical and Electrical). Access panels required by other Bid Categories, but not shown on the plans, shall be furnished and installed by the respective Bid Category.
- 15) Where existing floors must be cut for underground storm and sanitary lines The Mechanical Contractor, Bid Category 12, shall layout and cut the floor (coordinate removal of finish floor material with the General Trades Contractor); remove and dispose of existing concrete and fill; make connections to existing lines; provide compacted backfill up to subgrade elevation and patch/finish the concrete floor (using Concrete Moisture Vapor Reduction Admixture Concrete) ready for the new finish floor material.
- 16) Scope: Display Cases-Detail similar to 2/A6-4 and 3/A10-6: The Glass/Glazing Contractor-Bid Category 7 shall provide the tempered glass shelves, standards and brackets and the glass display case doors and track. The General Trades Contractor-Bid Category 5, shall provide the solid surface sill and trim. The Painting Contractor shall paint the interior drywall. The Walls and Ceilings Contractor shall provide wall framing, blocking and plywood.
- 17) Bid Category 5 shall install items furnished by the Owner listed on the Equipment Schedule and Floor Plan Notes. The Mechanical (BC-11) and Electrical (BC-12) contractors shall provide plumbing or power for these owner-furnished items in accordance with the Documents.
- 18) Scope Clarification: Steel tube counter support per 11/A6-5. Bid Category 4-Steel, provide counter support steel to Bid Category 2 for installation. Bid

Category 2 shall be responsible for protecting the finish of the steel. Coordinate location with the Bid Category 4-General Trades.

- 19) Removal and re-installation of Gate Equipment (Note 10 on AC1-1) is the responsibility of the General Trades Contractor-Bid Category 5.
- 20) New fencing is the responsibility of this Contractor. Removal of existing fencing is the responsibility of the Site Utilities and Excavating Contractor (BC-1).
- 21) Bid Category 5 shall be responsible for the wood roof framing/rafters/blocking/batt insulation at the Concession Building and Ticket Booths. This work includes roof blocking shown on the drawings. Roof blocking not shown but needed by the Roofing Contractor shall be the responsibility of the Roofing Contractor.
- 22) The steel rod suspension system at the roof canopies at the Concession building is the responsibility of this Contractor.
- 23) This Contractor shall be responsible for furnishing and installing the metal roof deck, steel tube supports for the perforated metal panels, the perforated metal panels and metal privacy panels located at the Ticket Booths/Concession Building.
- 24) This Contractor shall furnish anchor bolts located at the top course of CMU (Concession/Ticket Booth) to the Masonry Contractor for installation.

6. Bid Category 6-Roofing

a. Specification / Division

Title

06 10 00	Rough Carpentry
07 41 13	Metal Roof Panels
07 42 13	Metal Wall Panels
07 54 23	Thermoplastic Membrane Roofing (TPO)
07 62 00	Sheet Metal Flashing and Trim

b. The following supplementary instructions apply to this bid category:

- 1) This Contractor shall furnish and install the horizontal roof edge blocking at the base of parapets used as insulation stops.
- 2) Any wood blocking required by this Contractor, but not shown on the plans, shall be furnished and installed by this Contractor.
- 3) Bid Category 8, Walls and Ceilings, shall furnish and install wood blocking within all exterior metal stud walls and parapets. Wood blocking on top of parapet walls, used to support coping is by the Roofing Contractor, Bid Category 6.
- 4) This Contractor shall furnish all roof flashing that is to be embedded in masonry walls. Installation will be by Bid Category 3.
- 5) This Contractor shall be responsible for fall protection per OSHA requirements.
- 6) This Contractor shall be responsible for flashing in the roof curbs installed by other trades.
- 7) This Contractor shall be responsible for properly patching Mechanical/Plumbing/Electrical roof penetrations on the existing roof shown on the MPE drawings.
- 8) Scope Clarification: Details where metal wall panels are located, similar to 2/A6-5 and 1/A6-6:
  - a) Bid Category 6 shall be responsible for the furring and metal wall panels and associated trim.
  - b) Bid Category 8 shall provide the metal stud framing, insulation, sheathing and sheet moisture barrier.
- 9) Bid Category 5 shall be responsible for the wood roof framing/rafters/blocking at the Concession Building and Ticket Booths. This work includes roof blocking



shown on the drawings. Roof blocking not shown but needed by the Roofing Contractor shall be the responsibility of the Roofing Contractor.

- 10) Metal roofing, nailable insulated panels, aluminum fascia and vented and unvented aluminum soffit at the Concession/Ticket Buildings are the responsibility of this Contractor.

7. Bid Category 7-Glass/Glazing

<u>a. Specification / Division</u>	<u>Title</u>
08 43 13	Aluminum-Framed Entrances and Storefronts
08 44 13	Glazed Aluminum Curtain Walls
08 52 10	Aluminum Horizontal Sliding Windows
08 80 00	Glazing

- b. The following supplementary instructions apply to this bid category:
  - 1) This Contractor shall accept the substrate to which he is applying his material prior to proceeding with his work. If the substrate does not meet his approval he shall notify the Construction Manager immediately.
  - 2) Wood blocking will be provided by others. Any shimming required at wood blocking or concrete or masonry openings will be the responsibility of this Contractor.
  - 3) Install hardware, furnished by Bid Category 5, on aluminum doors.
  - 4) Frameless mirrors are to be furnished and installed by this Contractor.
  - 5) Provide sealant at the exterior of all exterior aluminum frames.
  - 6) This Contractor shall be responsible for furnishing and installing the insulation and spandrel panels noted on sections similar to 6 and 9/A6-5.
  - 7) Scope: Display Cases-Detail similar to 2/A6-4 and 3/A10-6: The Glass/Glazing Contractor-Bid Category 7 shall provide the tempered glass shelves, standards and brackets and the glass display case doors and track. The General Trades Contractor-Bid Category 5, shall provide the solid surface sill and trim. The Painting Contractor shall paint the interior drywall. The Walls and Ceilings Contractor shall provide wall framing, blocking and plywood.
  - 8) This Contractor shall be responsible for saw cutting the concrete floor per detail 5/A8-3. Saw cutting shall be performed by personnel experienced in saw cutting concrete floor slabs.

8. Bid Category 8-Walls and Ceilings

<u>a. Specification / Division</u>	<u>Title</u>
05 40 00	Cold-Formed Metal Framing
06 10 00	Rough Carpentry
06 16 43	Gypsum Sheathing
07 21 15	Batt Insulation
07 21 19	Foamed-In-Place Insulation
07 28 00	Moisture Barriers
09 22 00	Metal Support Assemblies
09 29 00	Gypsum Board
09 50 00	Wood Panel Ceiling
09 51 00	Acoustical Ceilings

- b. The following supplementary instructions apply to this bid category:

- 1) This Contractor shall accept the substrate to which he is applying his material prior to proceeding with his work. If the substrate does not meet his approval he shall notify the Construction Manager immediately.
- 2) This Contractor shall be responsible for clearly laying out all non-masonry walls as soon as possible after floors have been poured.
- 3) Provide sheet moisture barrier at exterior non-masonry walls.
- 4) Bid Category 8, Walls and Ceilings, shall furnish and install wood blocking at all exterior walls and parapets. Wood blocking on top of parapet walls, used to support metal coping is by the Roofing Contractor, Bid Category 6.
- 5) Furnish and install blocking at interior walls required for anchorage of cabinets, toilet accessories or other similar conditions where anchorage is required. Provide wood blocking at window sills and at the perimeter of aluminum frames.
- 6) This Contractor shall furnish and install all batt insulation, spray foam insulation, weather barrier, air infiltration barrier, sheet moisture barrier, plywood and exterior sheathing noted in wall sections.
- 7) Provide plywood backing applied to the aluminum curtain wall system similar to detail 6/A6-5.
- 8) Scope: Display Cases-Detail similar to 2/A6-4 and 3/A10-6: The Glass/Glazing Contractor-Bid Category 7 shall provide the tempered glass shelves, standards and brackets and the glass display case doors and track. The General Trades Contractor-Bid Category 5, shall provide the solid surface sill and trim. The Painting Contractor shall paint the interior drywall. The Walls and Ceilings Contractor shall provide wall framing, blocking and plywood.
- 9) Furnish and install wood slat ceilings where shown.
- 10) Scope Clarification: Details where metal wall panels are located, similar to 2/A6-5 and 1/A6-6:
  - c) Bid Category 6 shall be responsible for the furring and metal wall panels and associated trim.
  - d) Bid Category 8 shall provide the metal stud framing, insulation, sheathing and sheet moisture barrier.

9. Bid Category 9-Tile

- a. 

<u>Specification / Division</u>	<u>Title</u>
09 01 30	Restorative Bonding
09 05 61	Common Work Results for Flooring Preparation
09 30 00	Tiling
- b. The following supplementary instructions apply to this bid category:
  - 1) This Contractor shall accept the substrate to which he is applying his material prior to proceeding with his work. If the substrate does not meet his approval he shall notify the Construction Manager immediately.
  - 2) This Contractor shall be responsible for sanding, minor cleaning and/or filling prior to proceeding with his work.

10. Bid Category 10-Painting

- a. 

<u>Specification / Division</u>	<u>Title</u>
09 64 67	Stage Floor Refinishing
09 72 00	Wall Coverings
09 91 00	Painting
09 91 10	Electrostatically Applied Coating
09 96 00	High-Performance Coatings

- b. The following supplementary instructions apply to this bid category:
- 1) This Contractor shall accept the substrate to which he is applying his material prior to proceeding with his work. If the substrate does not meet his approval he shall notify the Construction Manager immediately
  - 2) This Contractor shall take adequate precautions to protect adjacent finishes while performing his work.
  - 3) The Masonry Contractor (Bid Category 3) shall inspect and repair all masonry walls after the block filler has been applied. If the painter fails to allow the Masonry Contractor the opportunity to inspect and repair the masonry walls, then the Painting Contractor accepts the responsibility to repaint should the walls need masonry repairs after inspection.
  - 4) Note responsibilities for painting mechanical and electrical material and equipment.
  - 5) Paint/finish all interior and exterior exposed steel in accordance with the paint schedule. This includes grinding, sanding, touching up with primer, etc. Note require finish for exposed steel trellis on the north side of the building.
  - 6) This Contractor shall apply the second coat of finish paint after the ceiling grid, casework, and miscellaneous specialties have been installed. Coordinate the scheduling of this work with the Construction Manager.
  - 7) Include the cost of touch-up painting, finishing, and minor wall repair as required prior to substantial completion.
  - 8) Scope: Display Cases-Detail similar to 2/A6-4 and 3/A10-6: The Glass/Glazing Contractor-Bid Category 7 shall provide the tempered glass shelves, standards and brackets and the glass display case doors and track. The General Trades Contractor-Bid Category 5, shall provide the solid surface sill and trim. The Painting Contractor shall paint the interior drywall. The Walls and Ceilings Contractor shall provide wall framing, blocking and plywood.

11. Bid Category 11-Fire Suppression

a. <u>Specification / Division</u>	<u>Title</u>
Division 21	Fire Suppression

- b. The following supplementary instructions apply to this bid category:
- 1) This Contractor shall be responsible for providing design, calculations, state permits and local permits and fees.
  - 2) Carefully coordinate the sprinkler work with the Structural, Architectural, Mechanical and Electrical drawings and specifications.
  - 3) Bid Category 2 shall be responsible for all concrete foundations and equipment pads shown on the plans (including those located on the mechanical and electrical plans), unless noted otherwise. If concrete pads or foundations are required but not noted on the plans, the contractor requiring the pad or foundation will be responsible for the work.
  - 4) Furnish and install all supports off of the building structure that are not detailed on the drawings, but may be required by this Contractor.
  - 5) Coordinate required openings in the roof deck, floors or walls with the Contractors responsible for the substrate.
  - 6) Provide all wood blocking that is not shown on the drawings, but is required for equipment support or anchorage.
  - 7) In renovated areas this Contractor shall be responsible for removal and replacement of acoustical ceilings necessary for installation of the fire suppression system, unless the ceiling is scheduled to be replaced on the finish schedule.

- 8) All recesses, chases, depressions, openings or inserts in concrete or masonry work required by this Contractor shall be located and/or provided by this Contractor and installed by the appropriate Bid Category.
- 9) Bid Category 5 shall furnish and install all access panels shown on the drawings (Architectural, Mechanical and Electrical). Access panels required by other Bid Categories, but not shown on the plans, shall be furnished and installed by the respective Bid Category.
- 10) This Contractor shall be responsible for cutting and patching existing roofs, walls and floors needed for placement of his work.

12. Bid Category 12-Mechanical

a. <u>Specification / Division</u>	<u>Title</u>
07 92 00	Joint Sealants
Division 22	Plumbing
Division 23	Heating, Ventilating, and Air-Conditioning

- b. The following supplementary instructions apply to this bid category:
  - 1) This Contractor shall remove from site any spoils material from his excavations.
  - 2) This Contractor is responsible for dewatering his excavations.
  - 3) Where existing floors must be cut for underground storm and sanitary lines The Mechanical Contractor, Bid Category 12, shall layout and cut the floor; remove and dispose of existing concrete and fill; make connections to existing lines; provide compacted backfill up to subgrade elevation and patch/finish the concrete (patching to be completed by persons skilled in finishing concrete floors) floor using Concrete Moisture Vapor Reduction Admixture Concrete ready for the new finish floor material. Coordinate removal of finish floor material with the General Trades Contractor. NOTE: In a portion of Corridors 208, 207 and 206 the Mechanical Contractor will be cutting the floor for a sanitary line running from Restroom 169 to Mens 15. The General Trades Contractor shall remove the carpet (including adhesives) in this area (See Plumbing Drawings).
  - 4) This Contractor shall remove all items as shown on the demolition drawings. This demolition scope includes removal of floor finishes, including removal of adhesives and glues down to bare concrete, and preparing the substrate for new finish material. This does NOT INCLUDE removal of flooring in the following corridors: 202, 203, 206, 207, 208 and 209. These areas will be addressed in future projects. NOTE: In a portion of Corridors 208, 207 and 206 the Mechanical Contractor will be cutting the floor for a sanitary line running from Restroom 169 to Mens 15. The General Trades Contractor shall remove the carpet (including adhesives) in this area (See Plumbing Drawings). The General Trades Contractor shall also remove the existing carpet (including adhesives) in the area of new terrazzo in Alternate 4.
  - 5) Carefully coordinate the mechanical work with the Structural, Architectural, Mechanical and Electrical drawings and specifications.
  - 6) Bid Category 2 shall be responsible for all concrete foundations and equipment pads shown on the plans (including those located on the mechanical and electrical plans), unless noted otherwise. If concrete pads or foundations are required but not noted on the plans, the contractor requiring the pad or foundation will be responsible for the work.
  - 7) Bid Category 1 is responsible for new storm piping being installed under the new addition to a new storm manhole outside the building. Additionally, Bid Category 1 shall be responsible for constructing the new sanitary structure, sanitary lateral, connections, cleanouts, etc. shown on Civil drawing C104. This work along with construction of the building pad must be expedited in order to complete the

building foundation. Bid Category 12 shall be responsible for plumbing storm and sanitary piping within the building.

- 8) This Contractor shall be responsible for the site storm and sanitary sewers inside the building beginning at a point 5'-0" from the exterior wall of the Concession building.
- 9) Each Contractor making utility or construction cuts will be totally responsible to cut, excavate, remove excess excavated material, install new material, provide and compact backfill and return the area to its original condition.
- 10) Repair any ruts (daily) caused by this Contractor's mechanized equipment.
- 11) This contractor shall be responsible for dewatering and/or shoring of his excavations.
- 12) Furnish and install all supports off of the building structure, which are not detailed on the drawings, but may be required by this Contractor.
- 13) Provide all wood blocking that is not shown on the drawings, but is required for equipment support or anchorage.
- 14) Access doors which are not shown on the drawings, but are required for access to this Contractor's work shall be provided by this Contractor.
- 15) All recesses, chases, depressions, openings or inserts in concrete or masonry work required by this Contractor shall be located and/or provided by this Contractor and installed by the appropriate Bid Category.
- 16) Obtain all required local permits, pay fees and schedule inspections with governing authorities.
- 17) During construction, this Contractor shall cover the open ends of ductwork to prevent dirt and dust from entering.
- 18) This Contractor shall be responsible for cutting and/or core drilling and patching existing walls and floors for duct and pipe penetrations.
- 19) This Contractor shall be responsible for patching walls where necessary where items are removed (including ducts and piping) from existing walls.
- 20) This Contractor shall be responsible for sealant at all plumbing fixtures
- 21) In renovated areas this Contractor shall be responsible for removal and replacement of acoustical ceilings necessary for installation of mechanical/plumbing items of work, unless the ceiling is scheduled to be replaced on the finish schedule.
- 22) Bid Category 2 will be responsible for furnishing and installing the board insulation located at the snow melt system.
- 23) The Mechanical Contractor shall coordinate the installation of the tubing for snow-melt in the concrete walk with Bid Category 2. The Mechanical Contractor shall be present when the walk or slab is poured in order to verify that the tubing and the components of the slab or walk are maintained in their proper position.
- 24) Bid Category 5 shall install items furnished by the Owner listed on the Equipment Schedule and Floor Plan Notes. The Mechanical (BC-11) and Electrical (BC-12) contractors shall provide plumbing or power for these owner-furnished items in accordance with the Documents.

13. Bid Category 13-Electrical

a. Specification / Division

Title

Division 26	Electrical
Division 27	Communications
Division 28	Electronic Safety and Security

b. The following supplementary instructions apply to this bid category:

- 1) This Contractor is responsible for excavating and backfill required for his work.
- 2) This Contractor is responsible for dewatering his excavations.

- 3) This Contractor is responsible for connections, wire and conduit required for all electronic hardware. Note Door Hardware specification section 08 71 00 and Door Schedule.
- 4) Carefully coordinate the electrical work with the Structural, Architectural, Mechanical and Electrical drawings. This Contractor is responsible for any electrical work noted in the Contract Documents.
- 5) Each Contractor making utility or construction cuts will be totally responsible to cut, excavate, remove excess excavated material, install new material, provide and compact backfill and return the area to its original condition.
- 6) Coordinate required openings in the roof deck, floors or walls with the Contractors responsible for the substrate.
- 7) Bid Category 2 shall be responsible for all concrete foundations and equipment pads shown on the plans (including those located on the mechanical and electrical plans), unless noted otherwise. If concrete pads or foundations are required but not noted on the plans, the contractor requiring the pad or foundation will be responsible for the work.
- 8) Furnish and install all supports off of the building structure, which are not detailed on the drawings, but may be required by this Contractor.
- 9) Provide all wood blocking that is not shown on the drawings, but is required for equipment support or anchorage.
- 10) Access doors which are not shown on the drawings, but are required for access to this Contractor's work shall be provided by this Contractor.
- 11) This Contractor shall be responsible for cutting and patching existing walls and floors needed for placement of his work. This Contractor is also responsible for patching existing walls and floors where his material is removed.
- 12) All recesses, chases, depressions, openings or inserts in concrete or masonry work required by this Contractor shall be located and/or provided by this Contractor and installed by the appropriate Bid Category.
- 13) In renovated areas this Contractor shall be responsible for removal and replacement of acoustical ceilings necessary for installation of Electrical items of work, unless the ceiling is scheduled to be replaced on the finish schedule.
- 14) Bid Category 5 shall install items furnished by the Owner listed on the Equipment Schedule and Floor Plan Notes. The Mechanical (BC-11) and Electrical (BC-12) contractors shall provide plumbing or power for these owner-furnished items in accordance with the Documents.
- 15) Note responsibilities for power for toilet accessories per the architectural plans.

END OF SECTION 01 12 00