

**ADDENDUM NO. 1 July 18, 2024**

**RE:**

**GILBERT ELEMENTARY SCHOOL PK-TK CLASSROOMS AND EARLY LEARNING BUILDING**

DSA File Number: 30-4

DSA Application Number: 04-123212

Studio W Project Number: 23076

**From:** Studio W Associates, Inc.; dba. Studio W Architects  
111 N. Market Street  
San Jose, CA 95113

**To:** Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original bidding documents dated (May 2023) as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

**The following changes or clarifications shall be made part of the Bid Documents and shall be taken into consideration when submitting bids.**

**CHANGES TO BIDDING REQUIREMENTS:**

Item 1 – The mandatory Job walk has been canceled in its entirety. There will not be a job walk or a requirement for a job walk for the bid.

Item 2 – Replace the bid form with the following attached bid form. This change removes the verbiage “Bid Package 02 Demolition and Grading” from the top of the form and adds a section for the bidder to write in the bid package being submitted.

Item 3 – Replace section 01 10 10 00 Scope of Work in its entirety and replace with the attached section 01 10 1000 Scope of Work. This document is correcting a format error in the original document. The original track changes have been removed.



**BID FORM**

FOR

Carl E. Gilbert Elementary School TK-PK Classroom & Early Learning Building  
Carl E. Gilbert Elementary School  
7255 8th Street, Buena Park CA 90621

Bid No. 2406

FOR

BUENA PARK SCHOOL DISTRICT

TRADE  
CONTRACTOR  
NAME:

\_\_\_\_\_

BID  
PACKAGE:

\_\_\_\_\_

ADDRESS:

\_\_\_\_\_

TELEPHONE: (       )

\_\_\_\_\_

FAX: (       )

\_\_\_\_\_

EMAIL

\_\_\_\_\_

TO: Buena Park School District, acting by and through its Governing Board, herein called "District".

1. Pursuant to and in compliance with your Notice Inviting Bids and other Contract Documents relating thereto, the undersigned bidder, having thoroughly studied and familiarized himself with the terms of the Contract, the Trade Contractor Category of Work, the local conditions affecting the performance of the Contract, the cost of the work at the place where the work is to be done, the labor market, the supply chain market for materials and equipment necessary to complete the Project, with the Drawings and Specifications, and other Addenda, hereby proposes and agrees to perform within the time stipulated, the Trade Contract, including all of its component parts, and everything required to be performed, including its acceptance by the District, and to provide and furnish any and all labor, materials, tools, expendable equipment, and utility and transportation services necessary to perform the Trade Contract and complete all of the Work in a workmanlike manner required in connection with the construction of:

BID SCHEDULE NO. 2406

Carl E. Gilbert Elementary School TK-PK Classroom & Early Learning Building

in the District described above, all in strict conformance with the drawings and other Contract Documents on file at the Purchasing Office of said District for amounts set forth herein.

2. BIDDER ACKNOWLEDGES THE FOLLOWING ADDENDUM:

Number	Number	Number	Number	Number	Number	Number	Number
_____	_____	_____	_____	_____	_____	_____	_____

Acknowledge the inclusion of all Addenda issued prior to bid in the blanks provided above. Your failure to do so may render your bid non-responsive.

3. BID AMOUNT

ALLOWANCES - As described in in Section 01 21 00 ALLOWANCE SPECIFICATIONS

\_\_\_\_\_ DOLLARS

(\$ \_\_\_\_\_)

BASE BID

\_\_\_\_\_ DOLLARS

(\$ \_\_\_\_\_)

TOTAL CASH PURCHASE PRICE IN WORDS & NUMBERS: (Includes allowances & base bid)

\_\_\_\_\_ DOLLARS

(\$ \_\_\_\_\_)

4. TIME FOR COMPLETION: The District may give a Notice to Proceed within ninety (90) days of the award of the bid by the District. Once the Trade Contractor has received the Notice to Proceed, the Trade Contractor shall diligently study and work with Construction Manager and other Trade Contractors to build a realistic Trade Contractor Baseline Schedule for the purpose of outlining the entire scope of Work and to complete the Work in the time specified in the Agreement. By submitting this bid, Trade Contractor has thoroughly studied this Project, the labor market, and the supply chain market for materials and equipment that are necessary to complete the Project and Trade Contractor agrees that the Contract Time for this Project is adequate for the timely and proper completion of the Project. Further, Trade Contractor has included in the analysis of the time required for this Project, Rain Days, Governmental Delays, and the requisite time to complete Punch List.

5. It is understood that the District reserves the right to reject any or all bids and/or waive any irregularities or informalities in this bid or in the bid process. The Trade Contractor understands that it may not withdraw this bid for a period of ninety (90) days after the date set for the opening of bids.

6. Attached is bid security in the amount of not less than ten percent (10%) of the bid:

Bid bond (10% of the Bid), certified check, or cashier's check (circle one)

7. The required List of Designated Subcontractors is attached hereto.

8. The required Non-Collusion Declaration is attached hereto.

9. The Substitution Request Form, if applicable, is attached hereto.

10. It is understood and agreed that if written notice of the acceptance of this bid is mailed, telegraphed, or delivered to the undersigned after the opening of the bid, and within the time this bid is required to remain open, or at any time thereafter before this bid is withdrawn, the undersigned will execute and deliver to the District a Contract in the form attached hereto in accordance with the bid as accepted, and that he or she will also furnish and deliver to the District the Performance Bond and Payment Bond, all within five (5) calendar days after award of Contract, and that the work under the Contract shall be commenced by the undersigned bidder, if awarded the Contract, by the start date provided in the District's Notice to Proceed, and shall be completed by the Trade Contractor in the time specified in the Contract Documents.

11. The names of all persons interested in the foregoing proposal as principals are as follows:

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(IMPORTANT NOTICE: If bidder or other interested person is a corporation, state the legal name of such corporation, as well as the names of the president, secretary, treasurer, and manager thereof; if a co-

partnership, state the true names of the firm, as well as the names of all individual co-partners comprising the firm; if bidder or other interested person is an individual, state the first and last names in full.)

12. PROTEST PROCEDURES. If there is a bid protest, the grounds shall be submitted as set forth in the Instructions to Bidders.

13. The undersigned bidder shall be licensed and shall provide the following California Contractor's license information:

License Number: \_\_\_\_\_

License Expiration Date: \_\_\_\_\_

Name on License: \_\_\_\_\_

Class of License: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

If the bidder is a joint venture, each member of the joint venture must include the above information.

14. Time is of the essence regarding the completion of the Project in the Contract Time and within the Milestones set forth in the Outline Schedule, therefore, in the event the bidder to whom the Contract is awarded fails or refuses to post the required bonds and return executed copies of the Agreement form within five (5) calendar days from the date of receiving the Notice of Award, the District may declare the bidder's bid deposit or bond forfeited as damages.

15. The bidder declares that he/she has carefully examined the location of the proposed Project, that he/she has examined the Contract Documents, including the Plans, General Conditions, Supplemental Conditions, Addenda, and Specifications, and read the accompanying instructions to bidders, and hereby proposes and agrees, if this proposal is accepted, to furnish all materials and do all work required to complete the said work in accordance with the Contract Documents, in the time and manner therein prescribed for the unit cost and lump sum amounts set forth in this Bid Form. The undersigned bidder hereby acknowledges and agrees that such bidder shall not be entitled to any price increase to the Total Cash Purchase Price set forth above on account of or due to any external factors including, but not limited to, inflation, labor shortages, and/or supply chain issues/shortages.

16. DEBARMENT. In addition to seeking remedies for False Claims under Government Code Section 12650 et seq. and Penal Code Section 72, the District may debar a Trade Contractor pursuant to Article 15 of the General Conditions if the Board, or the Board may designate a hearing officer who, in his or her discretion, finds the Trade Contractor has done any of the following:

- a. Intentionally or with reckless disregard, violated any term of a contract with the District;
- b. Committed an act or omission which reflects on the Trade Contractor's quality, fitness or capacity to perform work for the District;

c. Committed an act or offense which indicates a lack of business integrity or business honesty; or

d. Made or submitted a false claim against the District or any other public entity. (See Government Code Sections 12650, et seq., and Penal Code Section 72)

17. DESIGNATION OF SUBCONTRACTORS. In compliance with the Subletting and Subcontracting Fair Practices Act (California Public Contract Code Sections 4100 et seq.) and any amendments thereof, each bidder shall list subcontractors on the District's form Subcontractor list. This subcontractor list shall be submitted with the bid and is a required form

I agree to receive service of notices at the e-mail address listed below.

I the below-indicated bidder, declare under penalty of perjury that the information provided and representations made in this bid are true and correct.

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Proper Name of Company

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Name of Bidder Representative

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Street Address

---

City, State, and Zip

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( )  
Phone Number

---

( )  
Fax Number

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E-Mail

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of Bidder Representative

**NOTE:** If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of authorized officers or agents and the document shall bear the corporate seal; if bidder is a partnership, the true name of the firm shall be set forth above, together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if bidder is an individual, his signature shall be placed above.

All signatures must be made in permanent blue ink.

**GENERAL SCOPE OF WORK AND PROVISIONS  
(APPLICABLE TO ALL BID PACKAGES)**

SECTION 01 10 10 - 00  
SUMMARY OF WORK

1. GENERAL

1.1. SUMMARY

The General Scope of Work and Provisions Section is applicable to all Bid Packages and outlines the standard requirements that must be performed on a daily basis. In case of conflict between the General Scope of Work and Provisions and the Bid Package Specific Scope of Work, the most stringent shall apply.

1.2. RELATED DOCUMENTS AND PROVISIONS

TRADE CONTRACTOR shall review all Contract Documents for applicable provisions related to the provisions in this document, including without limitation:

1.2.1. General Conditions;

1.2.2. Special Conditions;

1.2.3. Submittals; and

1.2.4. Temporary Facilities and Controls.

1.3. SUMMARY OF WORK COVERED BY CONTRACT DOCUMENTS

1.3.1. Work of the total Project is planned to be accomplished by dividing the total work amongst the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime TRADE CONTRACTORS are referred to herein as "Trade TRADE CONTRACTOR" or "TRADE CONTRACTOR".

1.3.2. Demolition of existing and reconstruction of new outdoor athletic facilities including buildings and site work, earthwork and utilities, lighted synthetic turf sports fields, fencing, landscaping, irrigation, bleachers and press box and construction necessary for the **Elsinore Elementary School New Administration Building Increment 1 Project.**



#### 1.4. CONTRACTS

Each BID PACKAGE or TRADE CONTRACTOR shall Perform the Work under a single, fixed-price Contract.

#### 1.5. WORK BY OTHERS

The Plans may make reference to “By Others” in which various design disciplines are referring to other disciplinary sheets (Fire Sprinkler to Plumbing, Structural and Architectural, etc.). This shall not mean that work is being performed “By Others”. The entirety of the project, with the exception of Owner Furnished Owner Installed equipment, shall collectively be performed by the TRADE CONTRACTORS. TRADE CONTRACTORS shall refer to all Specification Section 10 10 10 Summary of Work.

#### 1.6. CODES, REGULATIONS, AND STANDARDS

1.6.1. The codes, regulations, and standards adopted by the State and federal agencies having jurisdiction shall govern minimum requirements for the Project. Where codes, regulations, and standards conflict with the Contract Documents, these conflicts shall be brought to the immediate attention of the District and the Architect.

1.6.2. Codes, regulations, and standards are as published effective as of date of bid opening, unless otherwise specified or indicated.

#### 1.7. EXAMINATION OF EXISTING CONDITIONS

1.7.1. TRADE CONTRACTOR shall be held to have examined the Project Site and acquainted itself with the conditions of the Site or of the streets or roads approaching the Site.

1.7.2. Prior to commencement of their Work, TRADE CONTRACTOR shall survey the Site, existing buildings and new improvements to observe existing damage and defects such as cracks, sags, broken, missing or damaged glazing, other building elements and Site improvements, and other damage. This shall include work in place performed by other TRADE CONTRACTORS.

1.7.3. Should TRADE CONTRACTOR observe cracks, sags, and other damage to and defects of the Site, other TRADE CONTRACTORS work and adjacent buildings, paving, and other items not indicated in the Contract Documents, TRADE CONTRACTOR shall immediately report same to the District and the Construction Manager.

1.8. TRADE CONTRACTOR'S USE OF PREMISES

- 1.8.1. If unoccupied and only with District's prior written approval, TRADE CONTRACTOR may use the building(s) at the Project Site without limitation for its operations, storage, and office facilities for the performance of the Work. If the District chooses to beneficially occupy any building(s), TRADE CONTRACTOR must obtain the District's written approval for TRADE CONTRACTOR's use of spaces and types of operations to be performed within the building(s) while so occupied. TRADE CONTRACTOR's access to the building(s) shall be limited to the areas indicated.
- 1.8.2. The Project Site although fairly large, is extremely limited and is not able to accommodate storage of materials and equipment unless immediately being utilized for the TRADE CONTRACTOR's work. TRADE CONTRACTOR shall coordinate just in time deliveries and keep material stored in an offsite location to be paid for by the TRADE CONTRACTOR. CONSTRUCTION MANAGER shall design certain areas of the site for material/staging laydown which will be provided on a priority basis.
- 1.8.3. If the space at the Project Site is not sufficient for TRADE CONTRACTOR's operations, storage, office facilities and/or parking, TRADE CONTRACTOR shall arrange and pay for any additional facilities needed by TRADE CONTRACTOR, at no expense to District.
- 1.8.4. TRADE CONTRACTOR shall not interfere with others use of or access to occupied portions of the building(s) or adjacent property.
- 1.8.5. TRADE CONTRACTOR shall maintain corridors, stairs, halls, and other exit-ways of building clear and free of debris and obstructions at all times.
- 1.8.6. No one other than those directly involved in the demolition and construction, or specifically designated by the District or the Architect shall be permitted in the areas of work during demolition and construction activities.
- 1.8.7. Refer to Exhibit 02 of the Contract Documents in regards to Construction Staging and Logistics Plan.

1.9. TRAFFIC CONTROL

- 1.9.1. Each TRADE CONTRACTOR shall provide all traffic control flagmen, barricades, safety barriers, and any street controls or closure permits as necessary and

pertaining to their scope of work and as required by local Ordinance.

#### 1.10. PROTECTION OF EXISTING STRUCTURES AND UTILITIES

1.10.1. The Drawings show above-grade and below-grade structures, utility lines, and other installations that are known or believed to exist in the area of the Work. TRADE CONTRACTOR shall locate these existing installations before proceeding with excavation and other operations that could damage same; maintain them in service, where appropriate; and repair damage to them caused by the performance of the Work. Should damage occur to these existing installations, the costs of repair shall be at the TRADE CONTRACTOR's expense and made to the District's satisfaction.

1.10.2. TRADE CONTRACTOR shall be alert to the possibility of the existence of additional structures and utilities. If TRADE CONTRACTOR encounters additional structures and utilities, TRADE CONTRACTOR will immediately report to the District for disposition of same as indicated in the General Conditions.

1.10.3. Specific TRADE CONTRACTORS may be required to identify existing utilities via pot holing. Refer to respective Bid Packages specific Summary of Work for pot holing/identification of existing utility requirements.

#### 1.11. UTILITY SHUTDOWNS AND INTERRUPTIONS

1.11.1. TRADE CONTRACTOR shall give the District, through the CONSTRUCTION MANAGER, a minimum of five (5) days written notice in advance of any need to shut off existing utility services or to effect equipment interruptions. In no instance shall utilities be allowed to be shutdown during regularly school operation hours (7AM-4PM Monday through Friday). Each Contractor shall account within their base bid any premium time required to work Saturday's or before our after school hours in order to perform utility shutdowns. District will set exact time and duration for shutdown, and will assist TRADE CONTRACTOR with shutdown. Work required to re-establish utility services shall be performed by the TRADE CONTRACTOR.

1.11.2. TRADE CONTRACTOR shall obtain District's written approval as indicated in the General Conditions in advance of deliveries of material or equipment or other activities that may conflict with District's use of the building(s) or adjacent facilities.

1.12. STRUCTURAL INTEGRITY

1.12.1. TRADE CONTRACTOR shall be responsible for and supervise each operation and work that could affect structural integrity of various building elements, both permanent and temporary.

1.12.2. TRADE CONTRACTOR shall include structural connections and fastenings as indicated or required for complete performance of the Work.

1.13. FIELD MEASUREMENTS, LAYOUT AND SURVEY

1.13.1. The District will hire an independent professional surveyor to perform surveying services for certain phases of the project as scheduled by the Construction Manager. Example; project start, building pad certification, building slab elevation verification and as required by the Construction Manager. Each Bid Package is required to provide their own survey during the course of their work in order to ensure required grades and elevations are met. Third party survey verification shall be requested in writing 72 hour prior the requested survey date to the Construction Manager.

1.13.2. The District provided Survey will include existing topography, area of work limits/property line set-backs, utility points of connection, building grid lines and building corners, and third party verification of TRADE CONTRACTOR's scope of work, if in question or necessary by the CONSTRUCTION MANGER. This shall not relieve each TRADE CONTRACTOR from performing field measurements, layout, or providing additional survey as may be required to perform their scope.

1.14. COORDINATION WITH CONSTRUCTION MANAGER

1.14.1. The District has hired a CONSTRUCTION MANAGER to coordinate and oversee the work. TRADE CONTRACTOR shall coordinate directly with the CONSTRUCTION MANAGER and TRADE CONTRACTOR's in order to accomplish the work.

1.14.2. TRADE CONTRACTORS shall direct all Project Correspondence and Documentation through the CONSTRUCTION MANAGER, unless directed otherwise. TRADE CONTRACTOR shall have no direct communications with the OWNER and/or ARCHITECT, unless written permission is provided.

1.15. COORDINATION WITH OTHER PRIME AND SUB TRADE CONTRACTORS

1.15.1. Coordination between all TRADE CONTRACTORS, subcontractors, material suppliers, Owner, Site Staff, CONSTRUCTION MANAGER and jurisdictional agencies is required and necessary for the successful completion of the work. TRADE CONTRACTORS shall properly coordinate with other TRADE CONTRACTORS and subcontractors continuously in order to accomplish the work.

1.15.2. TRADE CONTRACTORS shall proceed with the work in accordance with the most current Bid Schedule, Monthly Update Schedule, 3 Week Look-Ahead Schedule or as directed by the CONSTRUCTION MANAGER. In no event shall a TRADE CONTRACTOR install their work so as to prevent follow-on contractors from the installation of their work. If necessary and due to failure to properly coordinate the work, TRADE CONTRACTORS shall remove, relocate, and reinstall work that is not in accordance with the schedule and/or has impacted other TRADE CONTRACTORS from completing their work.

1.15.3. TRADE CONTRACTORS are responsible to provide coordination and layout for the other TRADE CONTRACTORS when components are scheduled to attach or are directly affected by the elements of work within their respective contract.

1.16. HOURS OF WORK

1.16.1. Generally, the Hours of Work will be Monday through Friday between the hours of 7:00AM and 4:00PM, with the exception of work which may be required to be performed after hours, such as bridge construction and/or utility shutdowns. In no event shall work be performed outside of the local jurisdictional hours without express approval from the CONSTRUCTION MANAGER.

1.16.2. City of Buena Park allowable construction hours:

Monday through Friday:	7:00AM to 7:00PM
Saturday:	8:00AM to 5:00PM
Sundays & Federal Holidays:	No Work Allowed without Authorization

1.17. MOBILIZATION

1.17.1. TRADE CONTRACTORS are responsible for the mobilization and ALL necessary move-ins as required by CONSTRUCTION MANAGER's Bid Schedule, to perform the work. Refer to Specification Section 01 32 13 and Exhibit 01 for scheduling requirements.

1.18. SWPPP / BEST MANAGEMENT PRACTICES

- 1.18.1. The implementation of general Erosion Control Measures and/or BMP's shall be performed by select TRADE CONTRACTORS as specified in the Summary of Work Section 10 10 10. However, all TRADE CONTRACTORS all best management practices associated with work under their bid package
  - 1.18.2. BMP's associated with each respective TRADE CONTRACTORS scope of work may include, but is not limited to: providing concrete washout pits, dust control, and cleaning of streets due to trucking on or off the site, controlling water runoff into storm drains or offsite during concrete placement and clean-up operations and containment of all toxic material as required by law. Clean-up and dispose of all temporary washout pits, and other temporary facilities as required and legally dispose of all waste material.
  - 1.18.3. Any TRADE CONTRACTOR found in violation of SWPPP requirements will pay all penalties or fines due to any violations issued to the Owner for this TRADE CONTRACTOR's failure to meet requirements by the State or other Government agencies for non compliance with the State or Federal Clean Water Act or other regulations.
- 1.19. DAILY HOUSEKEEPING / CLEAN-UP
- 1.19.1. Continuous housekeeping and daily cleanup is mandatory for all TRADE CONTRACTORS. TRADE CONTRACTORS shall place construction debris in designated debris boxes and remove debris from site at contractor's own expense prior to the end of the work day or as directed by the CONSTRUCTION MANAGER. All debris boxes will be identified for this contracts use, and containers shall be kept free of graffiti at all times.
  - 1.19.2. TRADE CONTRACTORS shall properly dispose of all trash, unused material, debris, and waste at the end of each work day. Failure to perform this task daily, will cause the Owner to exercise its right to self perform work and direct the clean up by others at the expense of the TRADE CONTRACTOR upon immediate verbal notice or written notice.
  - 1.19.3. Clean-up and dispose of all temporary washout pits, and other temporary facilities as required and legally dispose of all waste material. Bid Package will pay all penalties or fines due to any violations issued to the Owner for this Bid Package's failure to meet requirements by the State or other Government agencies for non-compliance with the State or Federal Clean Water Act or other regulations.
- 1.20. NOISE
- 1.20.1. TRADE CONTRACTOR shall manage all personnel in order to reduce excessive noise levels caused to adjacent residents, businesses, public, and other onsite personnel. This shall not only apply to care taken during the work activities, but shall also apply to personnel during arrival, breaks, and end of day activities. No

excessive shouting, profanity, or the use of radios or other broadcasting devices shall be allowed on or surrounding the project.

1.21. DAILY REPORTS

1.21.1. Each TRADE CONTRACTOR shall provide a Daily Report which shall be submitted to the CONSTRUCTION MANAGER.

1.21.2. Daily Report must at a minimum identify the TRADE CONTRACTOR by name, date, deliveries, inspections, a description of work completed and in progress, and a listing of all TRADE CONTRACTOR and subcontractor personnel.

1.21.3. Daily Reports shall be on the form specified by the CONSTRUCTION MANAGER through Procore and shall be uploaded to Procore properly at the end of each day.

1.21.4. Daily Reports are considered part of the contract scope of work and as such, failure for TRADE CONTRACTOR to provide current and accurate Daily Reports may prevent the release of progress payments until corrected.

1.22. AS-BUILT DOCUMENTS

1.22.1. Each TRADE CONTRACTOR shall provide and maintain as-built documents on a regular basis.

1.22.2. CONSTRUCTION MANAGER will provide electronic access, via ftp site, PDF plans to all TRADE CONTRACTORS. TRADE CONTRACTORS shall “redline” plans as it relates to their specific scope of work at the end of each work week for verification by the CONSTRUCTION MANAGER. Should TRADE CONTRACTOR not provide weekly as-built updates, progress payments will not be processed until corrected.

1.23. LABOR RATES

1.23.1. TRADE CONTRACTOR shall provide to the CONSTRUCTION MANAGER prior to the approval of any Progress Payments a detailed breakdown of the labor wage rates of all it’s employees and subcontractor’s employees that will be performing work on the project. At a minimum, Labor wage rates shall be broken down in accordance with DIR General Prevailing Wage determinations.

1.23.2. This requirement is in addition to and separate from Prevailing Wage, Certified Payroll and Compliance Monitoring Unit and the District’s Labor Compliance Program.

1.24. TESTS AND INSPECTION

1.24.1. Except as set forth below, the District will pay for fees, costs and expenses to complete the initial tests/inspections of portions of the Work as required by law, code or regulation, provided that such tests/inspections are conducted and completed at a location within a one hundred (100) mile radius of the Site. The foregoing notwithstanding, if the portion(s) of the Work subject to tests/inspections is/are not ready for such test/inspection at the time indicated in the Contractor's notice under Article 26 or if upon completion of such test/inspection, the portion(s) of the Work subject to such test/inspection do not meet or exceed the minimum requirements of such test/inspection, the Contractor shall be solely responsible for the payment of all fees, costs or expenses arising out of or related in any manner to subsequent tests/inspections of such portion(s) of the Work. Notwithstanding the District's payment of fees, costs or expenses for conducting initial tests/inspections, if any actions or failures to act of the Contractor or person or entity providing or performing Work under the direction or control of the Contractor require tests/inspections to be conducted over a period of more than eight (8) hours per day by any single person or on weekends/holidays, the Contractor shall be solely responsible for the payment of fees, costs or expenses which result from test/inspection services which exceed eight (8) hours per day by any single person or on weekends/holidays. If any tests/inspections are conducted outside a one hundred (100) mile radius of the Site, the Contractor shall be solely responsible for all costs, fees or expenses to conduct and complete such tests/inspections conducted at such location, including without limitation, costs to complete such tests/inspections and travel, meal and related expenses.

1.25. SAFETY

1.25.1. TRADE CONTRACTORS and subcontractors are solely responsible for all safety precautions and programs in connection with work under their agreement.

1.25.2. The requirements of Cal/OSHA, state, county and city laws, statutes, regulations, codes, ordinances and order of those governing bodies having jurisdiction over the work, including the OCIP specific safety specifications listed in Appendix D establish the minimum safety guidelines for the project. In the event of a conflict or inconsistency, the most stringent standard will govern.

1.26. EXCAVATIONS, SOILS, AND SPOILS

1.26.1. Excavation: All Bid Packages are responsible for the excavation, backfill, compaction and any import/export required for each bid package to complete their own work.



- 1.26.2. Spoil Disposal: All Bid Packages are responsible for the legal removal and disposal to an offsite location of all excavation and other spoils generated on the site by their own work. Removal of spoils shall take place within 72 hours, or must be coordinated in writing with the construction manager to request additional time for removal.
- 1.26.3. Open Trench Protection: Provide all trenches and/or excavations required for the installation of work of this Bid Package (including de-watering and erosion control), backfilled and properly compacted flush to adjacent existing grades (with approved backfill and bedding materials – imported if necessary at no additional cost to the Owner). In the event of rain days, contractor is responsible to protect open trenches, spread footings and grade beams. Contractor is responsible to provide sump pumps and hoses to muck out trenches at no additional cost to the Owner.
- 1.26.4. Re-establishing Existing Grades: The grade at completion of this scopes work cannot exceed .10 +/- of certified grade. Verify all excavations are back to existing grades with Construction Manager at completion (within 24hrs) of each excavation and prior to other Contractors start of new activities. Contractor will be responsible for any extra grading activities due to lack of grade verification with Construction Manager.

**END OF DOCUMENT**

**BID PACKAGE 01**

**GENERAL CONDITIONS, FINISHES AND SPECIALTIES**

SECTION 01 10 10 01

SUMMARY OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents
  
- B. Basic Scope of Work Summary

**Carl E. Gilbert Elementary School**

**TK-PK Classrooms & Early Learning Building**

**Bid Documents**

**July 2024**

- C. Specific Scope of Work Provisions
- D. General Scope of Work and Provisions
- E. Scheduling, Sequence of Work, and Mobilizations
- F. Allowances

**A. WORK COVERED BY CONTRACT DOCUMENTS:**

1. **Work Included:** The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

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Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

**B. BASIC SCOPE OF WORK SUMMARY:**

1. This Bid Package (BP01) Contract scope of work includes: all work required to **furnish and install General Conditions/Requirements and various building components and finishes** for the project, as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:
  - Primary Technical Specifications:
    - Division 0 (Bid Documents)
    - Division 1
    - 011000 – SUMMARY
    - 012600 – CONTRACT MODIFICATION PROCEDURES
    - 012900 – PAYMENT PROCEDURES
    - 013100 – PROJECT MANAGEMENT AND COORDINATION
    - 013200 – CONSTRUCTION PROGRESS DOCUMENTATION
    - 013300 – SUBMITTAL PROCEDURES
    - 014000 – QUALITY REQUIREMENTS
    - 014200 – REFERENCES
    - 015000 – TEMPORARY FACILITIES AND CONTROLS
    - 015639 – TEMPORARY TREE AND PLANT PROTECTION

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015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

**GEOTECHNICAL REPORT**

042113 – BRICK MASONRY

042200 – CONCRETE UNIT MASONRY

055134 – ALUMINUM LADDERS

072100 - BUILDING INSULATION

078413 – PENETRATION FIRESTOPPING

078446 – FIRE-RESISTIVE JOINT SYSTEMS

079200 – JOINT SEALANTS

093000 – TILING

095113 – ACOUSTICAL PANEL CEILINGS

096513 – RESILIENT WALL BASE AND ACCESORIES

096813 – TILE CARPETING

098319 – ACCOUSTICAL WALL PANELS

099100 – PAINTING

101100 – VISUAL DISPLAY SURFACES

101400 – SIGNAGE

102600 – WALL AND DOOR PROTECTION

102800 – TOILET AND BATH ACCESORIES

104400 – FIRE PROTECTION SPECIALTIES

129314 – BICYCLE RACKS

323119 – DECORATIVE METAL FENCES AND GATES

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work

- Related Technical Specifications:

031000 – CONCRETE FORMING AND ACCESSORIES

032000 – CONCRETE REINFORCING

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033000 – CAST-IN-PLACE CONCRETE  
051200 – STRUCTURAL STEEL FRAMING  
055000 – METAL FABRICATIONS  
061000 – ROUGH CARPENTRY  
092116 – GYPSUM BOARD ASSEMBLIES

C. SPECIFIC SCOPE OF WORK PROVISIONS:

1. Temporary Fencing: This Bid Package (BP01) shall install, maintain, relocate as needed, and perform the final removal of all temporary fencing. Fencing shall be in place within five (5) days of Notice to Proceed and shall remain until project completion, or as directed for removal by the CONSTRUCTION MANAGER. Temporary Fencing shall be 6' wind screening with pre-cut wind screen holes. Any damaged wind screen shall be replaced by the contractor at no additional cost to the Owner within the duration of the construction project. All fencing requires the windscreens to limit visibility and limit possible distraction for students. There shall be no limit of fence moves, nor any cost to the District to move the fence as needed or requested. All fencing must meet minimum aesthetic requirements to meet surrounding Housing Development standards. Contractor shall refer to Construction Staging/Logistics Plan for locations of approximate fencing. Contractor to field verify measurements associated with the provided logistics plan, approximately 400' of temporary chain-link with windscreens and approximation of 830' of windscreens to be attached to the existing fencing.
2. Gates: This Bid Package is responsible for removing existing chain-link and installing one (2) 20' double swing gate as indicated on the logistics plan.
3. Field Office Trailers: This Bid Package is responsible for providing two jobsite trailers. The first jobsite trailer shall be for TELACU Construction Management and District Personnel with minimum dimensions of 12'x60'. The second jobsite trailer shall be for the IOR with minimum dimensions of 8'x20'. These trailers must be installed with power and internet connection (overhead power and low voltage lines to be provided from site power and landed at the electrical panel and within the trailer by Electrical Bid Package) before first construction activities commence. CM Office Trailer to include (2) offices, consisting of a single office at each end of the trailer with a conference room in the center. Trailers to be weather tight with lighting, electrical outlets, communications capabilities, heating, cooling, and ventilating equipment. CM trailer to have interior bathroom with sink. Water and sewer to be connected and maintained by GC for life of project. VCT to be used for flooring, NO CARPET. Contractor to provide wireless and hardwired data lines and Wi-Fi connection to all electronic devices within the offices. Contractor shall ensure District, TELACU CM, DSA IOR, and all other project parties are connected to the supplied Wi-Fi and wired network. Contractor shall provide basic weekly cleaning service for trailer including floors, windows, etc.

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4. Office Furniture: Contractor shall provide the following furnishings:
  - Four (4) Office Desks approximately 30"x60"
  - Four (4) Office Chairs with caster wheels and arm rests
  - Four (4) 36"x18"x54" Steel Lateral Filing Cabinets with 3 drawers
  - (1) 96"x48" Conference Table
  - Chairs (Basyx – 633802 or equal)
    - Twelve (12) Conference Chairs with casters and arm rests
  - Three (3) Built Plan Tables
  - Provide and Install four (4) 4'x 8' Whiteboards
  - 24 Lineal Ft of Shelving to be installed by Contractor
  - Contractor to provide a 65" TV to be mounted by the GC in the CM's construction trailer and utilized for all construction meetings. TV is to be purchased as described here: - LG - 65" Class - LED - UK6090PUA Series - 2160p - Smart - 4K UHD TV or approved equal.
5. Time Lapse Recording: This Bid Package is responsible to install, mount and connect necessary cabling for a fully operational District provided time lapse recording camera.
6. Portable Toilet Service & Trash Receptacles: This Bid package is responsible for the adequate provisions and service of portable sanitary facilities for the entire duration of the project. Number of portable toilets and hand wash stations will comply with OSHA regulations and shall be distributed appropriately across the site at least two locations. This Bid package (BP01) is responsible to provide eight (8) thirty (30) gallon trash receptacles at locations designed by the Construction Manager to be utilized by all trades for the duration of the project. Trash receptacles shall be emptied weekly and coordinate locations with Construction Manager.
7. Trash Dumpsters: This Bid Package shall provide a 40 CY Dumpster along with providing fifty (50) 40 CY Dumpster pick-ups during the course of construction for debris removal to be serviced every week for the duration of the Project. The cost for this service shall be included in the base bid for this Bid Package (BP01). Cost associated with unused dumpsters will be credited back to the District. Provide a line item in the schedule of value for this activity.
8. Project Site Requirements: Contractor shall provide a minimum, weekly Street Sweeping and cleaning of curbs, gutters, school parking lots located on and around the perimeter of the project area. Contractor shall use exceptional site housekeeping to maintain the standards of the surrounding project area daily or more frequent as directed by the Owner and/or CM.
9. Labor Support: This Bid Package shall provide weekly one (1) journeyman carpenter and (1) laborer for an eight (8) hour period each for the duration of the Project from start date to finish date. The cost for the staff mentioned above shall be included in the base bid of this Project and shall be identified on the Schedule of Values for review and approval by the Construction Manager. Construction Manager will direct specifics of this general work and sign time sheets which will indicate the areas worked. Labor Hours not used each week will be accrued and tracked by this Bid Package and the Construction Manager for future work and any unused hours shall be fully credited back to the

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District. Contractor shall replace staff if workmanship is not acceptable to the Construction Manager.

10. Final Clean-up: This Bid Package is responsible for the Final Cleaning of the Building and site. Except as otherwise specifically provided, "clean" for the purpose of the Definition, shall be interpreted as meaning the level of cleanliness generally provided by skilled cleaners using commercial quality building maintenance equipment and materials, i.e., 'scrub and polish clean". Prior to completion of the work, remove from the job site all tools, surplus materials, equipment, scrap, debris and waste and conduct final progress cleaning as described above. Water and broom clean paved areas on the site and public paved areas directly adjacent to the site. Remove any resultant debris. Schedule the final cleaning with the Construction Manager to enable the Owner to accept a completely clean project.
11. Concrete Masonry Unit Building and Walls: This Bid Package Contract scope of work includes: all concrete masonry units and reinforcement and manufactured stone masonry (veneer) as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and materials in the Primary and Related Specification Sections.
12. Thermal Insulation: This Bid Package is Responsible for all Thermal Insulation installations at all locations per the contract drawings and Specification Section 072100 (excluding roof underlayment which is by Bid Package 07) including meeting all vapor barrier/retarder & R value requirements in the specifications.
13. Acoustic Insulation: This Bid Package is responsible to provide all labor, material and equipment necessary to install all thermal and acoustical insulation per Plans, Specifications and Addenda, including but not limited to; all thermal insulation, fire insulation, sound insulation, shaftwall insulation, foil faced insulation, rigid insulation, batts, facings, wires, nails, staples, tapes, adhesives, fire safing, sag wires, impaling pins, stickpins, washers, trim and accessories for a complete system and installation.
14. Flooring: This Bid Package is responsible for all flooring finishes required for a complete installation as indicated on in the Contract Documents, this includes the Wood Athletic Flooring, Tiling, Resilient Flooring, Fluid-Applied Flooring and Tile Carpeting.
15. Tile Grout: Seal all tile grout after installation whether or not indicated in contract documents.
16. Tiling Slope Test: This Bid Package is responsible to test/confirm the minimum and maximum slope have required slopes to floor drains. Contractor is responsible for water test.
17. Acoustical Ceilings: This Bid Package is responsible for all Acoustical Ceiling work per the Drawings and Specification Section 095100 including cutting tile and installing all necessary ceiling wires for all trades with ceiling mounted accessories including seismic wires for speakers, strobes, lighting or other ceiling mounted device requiring wire ceiling.
18. Wall Coverings: This Bid Package is responsible to supply and install all Vinyl Coated Wall



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Covering per the drawings and specification Section 097200.

19. Paint: This Bid Package is responsible for all painted surfaces as indicated in the contract documents. Regardless of the Outline Schedule or Baseline Schedule, this Bid Package shall include within their base bid applying a prime and one finish coat during the course of the work and then remobilizing at the direction of the Construction Manager for a second finish coat after the bulk of interior and exterior trade contractor work is completed. This is required in order to minimize trade damage to finish paint during the course of the work.
20. High Performance Coatings: This Bid Package is responsible for all surface preparation and application of high-performance coating systems for all steel surfaces as indicated in the Contract Documents and Specification section 099600.
21. Mural Painting and Faux Finishes: This Bid Package is responsible to supply and install Mural Painting and Faux Finishes per the Contract Drawings and Specification Section 121103.
22. Specialties: This Bid Package is responsible for supply and installation of all Division 10 Specialties.
23. Signage: This Bid Package is responsible for supply and installation of all signage as indicated in the contract documents and per specification section 101400.
24. Toilet Compartments/Partitions: This Bid Package is responsible to furnish all necessary hardware, anchors, inserts, connections and coordinate backing/blocking layout with other Bid Packages required for a complete installation as indicated on in the Contract Documents and specification section 102113.
25. Toilet Accessories: This Bid Package (BP01) is responsible to furnish and install all required toilet and bath accessories as indicated in the contract documents and specification section 102800.
26. Fire Protection Specialties: This Bid Package (BP01) is responsible to furnish and install all required fire protection specialties as indicated in the contract documents and specification section 104400.
27. Window Shades: This Bid Package (BP01) is responsible to furnish and install all required roller window shades as indicated in the contract documents and specification sections, including the manual and motorized window shades.
28. Marker boards: This Bid Package (BP01) is responsible to furnish all necessary hardware, anchors, inserts, connections and coordinate backing/blocking layout with other Bid Packages required for a complete installation as indicated on in the Contract Documents.
29. Chain-link Fences and Gates: This Bid Package is responsible for supply and installation of all chain-link fences and gates which shall include all labor and material for fence post footings, posts, caps, mesh, hinges, Knox boxes, and hardware as indicated in the Contract Drawings and Specification Section 323113. This Bid Package is also

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responsible for the installation of closers and panic hardware for any required gates. Closers and panic hardware provided by others.

30. Decorative Metal Fences and Gates: This Bid Package is responsible for supply and installation of all decorative metal fences and gates which shall include all labor and material for fence post footings, posts, caps, mesh, hinges, Knox boxes, and hardware as indicated in the Contract Drawings and Specification Section 323119. This Bid Package is also responsible for the installation of closers and panic hardware for any required gates. Closers and panic hardware provided by others.
31. Fire Rated Penetrations: All penetrations through a fire rated assembly shall be properly fire stopped by the applicable TRADE CONTRACTOR whose work or assembly causes the penetration, be it by design or field condition, per specification requirements
32. Final Clean-Up Approval: The Construction Manager will be responsible for approving final clean-up.

**D. GENERAL REQUIREMENTS AND PROVISIONS:**

1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

**E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:**

1. Schedule: Refer to **Construction Manager's Bid Schedule and associated attachments** for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

**F. ALLOWANCES:**

1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 02**

**DEMOLITION & GRADING**

SECTION 01 10 10-02

SUMMARY OF WORK

PART 1 - GENERAL

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

A. Work Covered by Contract Documents

B. Basic Scope of Work Summary

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- C. Specific Scope of Work Provisions
  
- D. General Scope of Work and Provisions
  
- E. Scheduling, Sequence of Work, and Mobilizations
  
- F. Allowances
  
  
- A. WORK COVERED BY CONTRACT DOCUMENTS:

Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert Elementary School TK-PK Classroom & Early Learning Building Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

B. BASIC SCOPE OF WORK SUMMARY:

1. This Bid Package (BP02) Contract scope of work includes: all work required to furnish and install all on-site/off-site **Demolition and Grading**, as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods in the Primary and Related Specification Sections applicable to the work.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:
  - Primary Technical Specifications:
    - DIVISION 0 – Front End Documents
    - DIVISION 01 - General Requirements
    - DIVISION 31 - Earthwork
      - 311000 – Site Clearing
      - 312000 – Earth Moving Summary
    - SWPPP – 015723 Temporary Stormwater Pollution Control
    - GEOTECHNICAL AND GEOHAZARD REPORTS
3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work
  - Related Technical Specifications:
    - 321540 – GRANITECRETE CRUSHED AGGREGATE PAVING

321313 – CONCRETE PAVING  
321216 – ASPHALT PAVING

C. SPECIFIC SCOPE OF WORK PROVISIONS:

1. Demolition: This Bid Package (BP02) is responsible for all demolition as identified on the Bid Set Plans.
2. Disposal of Demolition Materials: This Bid Package (BP02) is responsible for disposal of demolition materials in accordance with Division 01 Construction Waste Management meeting requirements by the Local, State and Federal regulations.
3. Temporary Construction Entrance: This Bid Package (BP02) is to provide and maintain a rolled curb for a temporary construction entrance until the new entrance has been constructed.
4. Hauling & Excess Material: This Bid Package is responsible to maintain the on-site/off-site hauling route and construction entrances in a clean condition daily which includes street sweeping. All construction traffic egress must be coordinated with the Construction Manager. The haul off of excess materials and the import of any required materials to complete this scope of work is a responsibility of this Bid Package. Bid Package 02 shall dispose of excess material/debris to an approved location off-site at no additional cost to the Owner and no impact to the schedule. Please refer to the Geotechnical Report and Supplemental Geotechnical Report Letter which identifies conditions and use of existing soils.
5. Rough Grading Earthwork: This Bid Package (BP02) includes: the mass grading of the entire site and the work involved to prepare and install all sub grade elevations for structure, synthetic turf and hardscape placement including but not limited to asphalt paving, sidewalk, planters, landscape, building pads, slab depressions, and other associated on-site/off-site depressed or raised features as shown on the Contract Drawings and all associated sheets, elevations, details, and the methods and materials in the Primary and Related Specification Sections. All sub grade elevations are to adhere to the elevations provided in the approved Plans, Specifications, Approved Submittals and/or Construction Manager at the completion of grading and prior to other construction.
6. Certified Building Pad: This Bid Package (BP02) is responsible to provide all sub-excavation, compaction, earth work and finish grade elevation as required for the building pad and to the satisfaction of the Construction Manager's surveyor in order to obtain a certified building pad.
7. Contractor Surveying: This Bid Package (BP02) is responsible for all survey to perform this bid packages scope of work and prior to Construction Manager verifying rough/finish grade elevations.
8. Finish Grading Earthwork: This Bid Package (BP02) includes: the provision for multiple grading crews and mobilizations as required re-establishing grades and maintaining the scheduled time frames for the work associated with finish grading for the entire construction site. This work includes all sub-excavation and re-compaction and earthwork as required on the Project sites to prepare and install all finish grade elevations within tolerances and as shown on the Contract Drawings and all associated sheets, elevations, details, and the methods and materials in the Primary and Related Specification Sections. At completion of grading Contractor is to provide documentation from licensed surveyor verifying elevations to the CM Superintendent.
9. Contamination Caution: Provide equipment petroleum protection to avoid soil contamination. Any soil contamination made by this bid package shall be properly disposed of and replaced with approved soil at no additional cost to the Owner and no impact to the schedule.
10. Traffic Safety/Control: Provide all traffic control flagmen, barricades, safety barriers, and any street controls or closure permits as necessary and pertaining to the scope of work of this Bid Package.

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11. Unforeseen Utilities: If unforeseen transite pipe, or any other unforeseen conditions, are discovered Contractor shall immediately notify the Construction Manager.
12. Utility Location/Demolition: This Bid Package (BP02) is responsible for removal of existing utilities and below grade utility structures, unless identified to be protected in place or specifically assigned to another bid package. Abandon utility lines outside this area. Provide cut, cap, safe off as required of existing on-site utilities. This Bid Package shall pothole the location of the existing utilities that are designated to remain prior to the completion of demolition activities. Utilities shall be as-built and documented for follow-on trades.
13. Repairs: This Bid Package (BP02) is responsible for the prompt repair for damages to adjacent buildings or components caused by demolition operations and activities.
14. SWPPP QSP: Bid Package (BP02) shall perform the Work of the Project related to being the District's Qualified SWPPP (Storm Water Pollution Prevention Plan) Practitioner ("QSP") and that BP02 is certified to be the District's QSP, as required by the current California State Water Board's Construction General Permit.
15. SWPPP: This Bid Package (BP02) Contract scope of work includes: the responsibility to implement the General Permit and all site Erosion Control Measures to ensure the provisions of the State Water Resources Control Board National Pollutant Discharge Elimination System General Permit for Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction Activity (Permit) and the Storm Water Pollution Prevention Plan (SWPPP) including the standard provisions, monitoring and reporting requirements as required by the Permit for the work of all Bid Packages on this Project, following Division 0 and 1, refer to Section 01 57 23 Temporary Stormwater Pollution Control. The cost of preparing, monitoring, and maintaining the plan as required by the Permit is included in this Bid Package throughout the duration of this project. At the completion of the Project, all SWPPP control measures shall be removed. Additionally, this Bid Package is responsible to maintain the on-site/off-site hauling route and construction entrances in a clean condition daily which may include street sweeping as required.
16. Truck Hours of Operation: Any and all trucks entering and/ or exiting the construction site shall follow local and county jurisdiction rules for allowed trucking times.
17. Existing Site Operational Utilities: Contractor to protect the existing site utilities to provide service of the operational school equipment, buildings and facilities for hourly and/or daily operational procedures during the entire excavation, rough and final grading process.
18. Existing Conditions: This Bid Package (BP02) is responsible to make a thorough inspection of the Project sites and existing site conditions. By submitting a bid, this Bid Package assumes full responsibility for existing conditions with respect to the intentions of the Documents and waives any additional compensation for work required by any visible or known current circumstance that is in conflict with the Documents. Any damage done to existing features or known utilities, in the course of work in this Bid Package, will be repaired by this Bid Package at no cost to the Owner.
19. Site Restoration: This Bid Package (BP02) is responsible for completely filling below grade area and voids resulting from building demolition operation with satisfactory sols material according to the backfilling division 31 Sections "Earth moving"

**D. GENERAL REQUIREMENTS AND PROVISIONS:**

1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified

within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:

1. Schedule: Refer to **Construction Manager's Bid Schedule and associated attachments** for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

F. ALLOWANCES:

1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION



**BID PACKAGE 03**

**CONCRETE & CONCRETE REINFORCEMENT**

SECTION 01 10 10-03

SUMMARY OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

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**Bid Documents**

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- A. Work Covered by Contract Documents
  
- B. Basic Scope of Work Summary
  
- C. Specific Scope of Work Provisions
  
- D. General Scope of Work and Provisions
  
- E. Scheduling, Sequence of Work, and Mobilizations
  
- F. Allowances

A. WORK COVERED BY CONTRACT DOCUMENTS:

Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Division 03, Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach from existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

**B. BASIC SCOPE OF WORK SUMMARY:**

1. This Bid Packages Basic Scope of Work includes: all **Structural Concrete, Concrete Paving, Detectable Warning Surfaces, and Concrete Reinforcing work** required for a complete and operational building system as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

Primary Technical Specifications

Division 0 (Bid Documents)

Division 1

011000 - SUMMARY

012900 – PAYMENT PROCEDURES

013100 – PROJECT MANAGEMENT AND COORDINATION

013200 – CONSTRUCTION PROGRESS DOCUMENTATION

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013300 – SUBMITTAL PROCEDURES

014000 – QUALITY REQUIREMENTS

014200 – REFERENCES

015000 – TEMPORARY FACILITIES AND CONTROLS

015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

031000 - CONCRETE FORMING AND ACCESSORIES

032000 – CONCRETE REINFORCING

033000 - CAST IN PLACE CONCRETE

071909 – CONCRETE MOISTURE AND ALKALINITY TESTING

071910 – CONCRETE FLOOR SEALER

071920 – CONCRETE MOISTURE AND ALKALINITY BARRIER

079200 – JOINT SEALANTS

320120 – DETECTABLE WARNING SURFACES

321313 – CONCRETE PAVING

321123 – GRANITECTRETE – CRUSHED AGGREGATE PAVING

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3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work:

Related Technical Specifications:

312000 – EARTH MOVING SUMMARY

329113 – SOIL PREPARATION

042000 – UNIT MASONRY

051200 - STRUCTURAL STEEL FRAMING

055000 - METAL FABRICATIONS

061000 – ROUGH CARPENTRY

All other Specification Sections as they interface or relate to this Scope of Work

C. SPECIFIC SCOPE OF WORK PROVISIONS:

1. Structural and Site Concrete: This Bid Package is responsible for the completion of all structural and site concrete items of work or improvements shown on the plans and described in the specifications including all excavations, crushed rock layer, vapor barrier, concrete formwork, concrete for slab on grade floor construction, concrete foundations, footings, grade beams, all concrete reinforcement, all joints and sealants associated with concrete work, and all concrete curing and concrete sealing, which is required to complete the scope of work.
2. Footings/Foundations: This Bid Package is responsible for excavation and trenching for all footings and foundations and the replacement and recompaction for Work completed by the Grading Contractor but impacted by this Bid Package. This Bid Package shall remove from the site and dispose of all soils, spoils, and excess dirt generated by the operations of this Bid Package, off site and in a legal manner. This Bid Package is responsible for all costs for any all equipment, hauling, hauling or truck route permits, disposal of materials and any dump fees.
3. Backfill and Compaction: This Bid Package is responsible to complete backfilling and compaction of all structures created by this Bid Package. All spoils and excess soil generated this Bid Package is to be removed from site at the direction of the Construction Manager.
4. Reinforcing Steel: This Bid Package is responsible to provide all reinforcing steel for the work of the site and structural concrete of this Bid Package.
5. Interconnection: Scope of this Bid Package includes all construction joints, keys, keyways, and water stops as it applies to this Bid Package.
6. Surface Roughening: This Bid Package is responsible for all surface roughening of concrete to complete this scope of work.

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### TK-PK Classrooms & Early Learning Building

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7. Coordination/ Opening/Block-outs: This Bid Package is responsible to coordinate with mechanical, electrical, plumbing, fire systems, and all other items requiring recess or openings in the work of this Bid Package, and is responsible to provide block-outs for passage of piping and other elements where required for other Bid Contractors and where indicated to do so on the drawings.
8. Anchor Bolt Material: The structural steel Bid Package and Framing Bid Package shall deliver anchor bolts, templates, bolt and base plate assemblies, and other embedded items, including setting plans, to the jobsite and will place them at a storage location designated by the Construction Manager. This Bid Package is responsible for the accurate placement of items per approved shop drawings or DSA approved design drawings. After placement of anchor bolts and before placement of concrete, this Bid Package is responsible to complete a survey, using a licensed surveyor, to verify the locations and elevations of anchor bolts, templates and levelling nuts. This Bid Package shall deliver the survey data to the Construction Manager for review and as a record of placement, and may not proceed with placing concrete until directed to do so by the Construction Manager. Contractor is responsible to correct any items identified as varying from design or approved locations and elevations. Contractor is to leave embedded items clean and ready for follow on work.
9. Grouting: This Bid Package is responsible for grouting of all base plates and other grouting where shown or indicated.
10. S.O.G.: This Bid Package is responsible to complete all structural building slabs including under slab vapor barrier where required.
11. Curbs: This Bid Package is responsible to complete any partition curbs where shown and required for interior and exterior walls, including concrete, forming, studded anchor bolts and all edge-of-slab curbs where shown and all stem walls including water stops.
12. Formwork: This Bid Package is responsible for all forming required for all the concrete scope of work of this package including all steps, formed edges, transitions, keys, depressions, and sloping.
13. S.O.G. Depressions: This Bid Package is responsible to complete slab depressions, as indicated on the Contract Documents, and elements requiring depression into or casting into concrete slabs, and to coordinate depression to accept components and work provided, furnished and installed by others.
14. Concrete Finishing: This Bid Package is responsible for the finishing of all concrete in the scope of work of this package, including all exposed and sacked finishes, colored concrete, etc.
15. Cure/Sealing: This Bid Package is responsible for completing the curing and sealing of all concrete work.

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16. Joints and Joint Sealants: This Bid Package is responsible for furnishing and installing all joints in concrete work including isolation joints, dowels, construction and expansion joints, saw cut joints, and any others shown on the plans and required by the Specifications. Includes placement of all concrete joint materials. This Bid Package is responsible to coordinate with other contractors providing these items and make allowance for placement of such items, in this Bid Package (concrete) work.
17. Concrete Paving and Detectable Warning Tiles: This Bid Package is responsible to complete the concrete paving as shown on the civil, landscape, and architectural drawings; detectable warning tiles and truncated domes, city sidewalk, PCC hardscape, concrete pavement per plans, planter walls, and retaining walls, light pole bases, ramps and stairs as indicated.
18. Concrete Seat Wall: This Bid Package is responsible to complete all seat walls along with providing all necessary concrete reinforcement as specified in the drawings and described in the specifications.
19. Monumental Sign: This Bid Package is responsible to complete all of the concrete for the monumental sign as shown in the plans and described in the specifications. Coordinate with any related Bid Packages for relevant work needed to complete this scope.
20. Subgrade Prep: Mass grading to be by others. Subgrade will be left +/- .10" for design subgrade by Grading Bid Package. Scope for this Bid Package includes proof-rolling, placement of aggregate base, reinforcement and concrete.
21. Light Pole Bases: This Bid Package is responsible to provide and install the concrete electrical light pole bases as indicated on the Contract Documents. Coordinate with electrical (BP14) for installation. (BP14) will supply all required anchor bolts and templates which shall be set/installed by this Bid Package.
22. Additional Testing: The Owner will pay for and arrange for all testing. In the case of any concrete identified as defective, this Bid Package is responsible to pay the cost to strength test sampling by District's testing agency, for any costs of design or engineering caused by any such defective work or materials, and to complete any remedial work including repair and/or replacement. If such replacement involves any surrounding work or improvements put in place by others, this Bid Package is responsible for the cost of removal or replacement of same.
23. Temporary Shoring: This Bid Package is responsible to provide temporary shoring, fencing, guardrails, caps and any other necessary safety items required for completion of operations of this Bid Package.
24. Additional Traffic Control: Where traffic control is required, in addition to that which is identified in the Traffic Control Plan, this Bid Package shall pay for and secure necessary

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permits from authorities having jurisdiction over the public right(s) of way in which the work is taking place.

25. Mis. CIP Concrete: This Bid Package is responsible to complete all miscellaneous cast in place concrete items shown on the plans including CIP curbs, mow curbs, building mow strips, all wall curbs, all restroom curbs, concrete encasement of steel where required, concrete mechanical equipment pads or housekeeping pads and locker curbs.
26. Permits: This Bid Package is responsible for procuring any and all required permits through the relevant agencies.

**D. GENERAL REQUIREMENTS AND PROVISIONS:**

1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

**E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:**

1. Schedule: Refer to **Construction Manager's Bid Schedule and associated attachments** for project duration and general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 16 – Master Construction Schedule for specific schedule requirements.

**F. ALLOWANCES:**

1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in the bidding documents.

END OF SECTION



**BID PACKAGE 04  
STRUCTURAL STEEL & MISCELLANEOUS METALS**

SECTION 01 10 10-04

SUMMARY OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents

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- B. Basic Scope of Work Summary
  
- C. Specific Scope of Work Provisions
  
- D. General Scope of Work and Provisions
  
- E. Scheduling, Sequence of Work, and Mobilizations
  
- F. Allowances

A. WORK COVERED BY CONTRACT DOCUMENTS:

1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach from existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

B. BASIC SCOPE OF WORK SUMMARY:

1. This Bid Packages Basic Scope of Work includes: all **Structural Steel, Metal Fabrications, and Miscellaneous Metals** work required for a complete and operational building system as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:
  - Primary Technical Specifications  
Division 0 (Bid Documents)  
  
Division 1  
  
011000 – SUMMARY  
012600 – CONTRACT MODIFICATION PROCEDURES  
012900 – PAYMENT PROCEDURES  
  
013100 – PROJECT MANAGEMENT AND COORDINATION  
013200 – CONSTRUCTION PROGRESS DOCUMENTATION

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013300 – SUBMITTAL PROCEDURES  
014000 – QUALITY REQUIREMENTS  
014200 – REFERENCES  
015000 – TEMPORARY FACILITIES AND CONTROLS  
015639 – TEMPORARY TREE AND PLANT PROTECTION  
015723 – TEMPORARY STORM WATER POLLUTION CONTROL  
016000 – PRODUCT REQUIREMENTS  
017300 – EXECUTION REQUIREMENTS  
017419 – CONSTRUCTION WASTE MANAGEMENT  
017700 – CLOSEOUT PROCEDURES  
017823 – OPERATION AND MAINTENANCE MANUAL  
017839 – PROJECT RECORD DOCUMENTS  
017900 – DEMONSTRATION AND TRAINING

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051200 – STRUCTURAL STEEL FRAMING  
055000 – METAL FABRICATIONS  
078446 – FIRE-RESISTIVE JOINT SYSTEMS  
079200 – JOINT SEALANTS

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work
  - Related Technical Specifications:
    - 031000 – CONCRETE FORMING AND ACCESSORIES
    - 032000 – CONCRETE REINFORCING

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033000 – CAST IN PLACE CONCRETE

042000 – UNIT MASONRY

092900 – GYPSUM BOARD

099100 – PAINTING

All other Specification Sections as they interface or relate to this Scope of Work

C. SPECIFIC SCOPE OF WORK PROVISIONS:

1. Structural Steel: This Bid Package is responsible for the completion of all structural steel framing shown on the plans and described in the Specifications including all embeds, columns, beams, metal decking, metal bollards and all misc. fabricated steel items necessary to complete the projects scope of work.
2. Traffic Control: Traffic Control is required for all deliveries associated with this Bid Package. Contractor is to provide flagmen and other personnel to safely deliver any and all material and equipment to the site.
3. Hoisting and Rigging: This Bid Package is responsible to provide all cranes, hoists, lift equipment and coordination to complete the erection, installation, and assembly of the Structural Steel, Misc. Metals, Metal Decking and related components associated with this Bid Package.
4. Finishes: This Bid Package is responsible to complete all shop priming and galvanization, as indicated in the Contract Documents, of structural steel members and fabricated items provided under this Bid Package.
5. Embeds and Attachments: This Bid Package is responsible to fabricate and provide all structural or miscellaneous steel items to be embedded in concrete or masonry. This includes, but is not limited to, all closure pieces, templates, anchor bolts for structural or fabricated steel items, threaded studs or Nelson studs for attachment to structural or misc. steel, base plates, embed plates for connection of steel beams, columns, and other framing members, ledger angles, or shear plates. Scope of this bid package includes fabrication, delivery to the jobsite, and placement at a staging location designated by the Construction Manager. Bid package 04 MASONRY shall install all embeds in masonry provided by and for this Bid Package.
6. Surface Preparation: This Bid Package is responsible to complete the surface preparation and priming for all scope related items as designated on the plans and specifications. Surface

preparation includes but is not limited to grinding of welds, fill weld access holes and erection bolt holes, consistent alignment, orientation and length of bolts, removal and patching of any embossed or stamped lettering or numbering, lifting tabs, erection aids, temporary connections, etc. Finish coatings will be completed by Bid Package 01.

7. Metal Decking: This Bid Package is responsible to complete all metal deck shown on the plans. This scope includes all decking and/or structural decking, welding where shown on the drawings and as otherwise indicated by the specifications. After installation, metal decking shall be left in a clean and orderly condition for the next follow on Contractor.
8. Installation and Attachment: This Bid Package is responsible to provide and install all materials necessary for a complete installation of the metal decking including all closure plates/closure angles, deck edge angles, Z closure plates (both gauged, and 1/4" or greater where required), angles for support of decking, reinforcing steel welded to decking or to closure plate, shear studs, beam shims, bent plates.
9. Welding: This Bid Package is Responsible for all welding and/ or bolting for metal decking and all items included in this Bid Package. This Bid Package shall provide its own reliable source of power for welding associated with this Bid Package.
10. Metal Deck Openings: This Bid Package shall provide openings in the metal decking where other contractors require penetration of the decking to complete their scope or as indicated on the drawings. This Bid Package shall coordinate with said contractors for layout and shall provide and install any necessary reinforcing before cutting the deck.
11. Temporary Railings: This Bid Package is responsible to construct metal stairs and all related work of this Bid Package, including railings, according to requirements for accessibility per applicable codes and as shown on the drawings and specifications.
12. Metal Fabrication: All applicable requirements of Division 5 apply to the scope of work of this Bid Package, and are included in the scope of work of this Bid Package. This Bid Package is responsible to complete all metal fabrications shown on the drawings and identified in the specifications, including those listed in Specification Section 055000.
13. Ladders: This Bid Package is responsible to furnish and install all steel ladders as shown or indicated in the Contract Documents.
14. Countertop Supports: This Bid Package is responsible to provide fabricated steel countertop supports as shown on the drawings. Supports are to be delivered to the job site when scheduled by the Construction Manager, for installation by Bid Package 01.
15. Equipment anchorage for mechanical equipment including drilling and bolting per plans to be provided by the respective TRADE CONTRACTORS of Bid Packages 10, 12, 13, and 14.

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16. Pipe and Tube Railings: This Bid Package is responsible to construct pipe and tube railings and all related work of this Bid Package according to requirements for accessibility per applicable codes and as shown on the drawings and specifications.
  17. Joint Sealant: This Bid Package (BP01) shall furnish and install caulking and sealants as required between components of work provided under this Bid Package and also between concrete and gypsum and plaster, and concrete and structural steel work, and all work previously installed which adjoins work of this section. All sealants to be installed per specification.
  18. Coordination: This Bid Package is responsible to provide full coordination with all other building elements, whether supplied by this Bid Package under this bid package, or provided by other TRADE CONTRACTORS.
  19. Safety cabling: This Bid Package is responsible for all safety cabling required around the perimeter of the building and is only to be removed at the direction of the Construction Manager.
  20. This Bid Package is responsible for all welding required for completion of the entire scope of work of this bid package.
  21. This Bid Package is responsible for securement of the work of all items of this bid package to work or improvements completed by others, including all anchors necessary for attachment to the Work of this Bid Package.
  22. This Bid Package is responsible to provide all metal fabrication items as primed, primed for High Performance coatings, or hot dipped galvanized, as indicated in the drawings and specifications.
- D. GENERAL REQUIREMENTS AND PROVISIONS:
1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.
- E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:
1. Schedule: Refer to **Construction Manager's Bid Schedule and associated attachments** for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings weekly with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.
- F. ALLOWANCES:

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1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION



**BID PACKAGE 05**

**GYPSUM BOARD, LATH & PLASTER**

SECTION 01 10 10-05

SUMMARY OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents
  
- B. Basic Scope of Work Summary

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- C. Specific Scope of Work Provisions
  
- D. General Scope of Work and Provisions
  
- E. Scheduling, Sequence of Work, and Mobilizations
  
- F. Allowances

A. WORK COVERED BY CONTRACT DOCUMENTS:

- 1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach from existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

B. BASIC SCOPE OF WORK SUMMARY:

1. This Bid Packages Basic Scope of Work includes: Furnish all labor, materials, and equipment necessary to complete **Non-Load-Bearing Steel Framing, Gypsum Board, Lath and Plaster** as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications  
Division 0 (Bid Documents)

Division 1

011000 – SUMMARY

012600 – CONTRACT MODIFICATION PROCEDURES

012900 – PAYMENT PROCEDURES

013100 – PROJECT MANAGEMENT AND COORDINATION

013200 – CONSTRUCTION PROGRESS DOCUMENTATION

013300 – SUBMITTAL PROCEDURES

014000 – QUALITY REQUIREMENTS

014200 – REFERENCES

015000 – TEMPORARY FACILITIES AND CONTROLS

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015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

078413 – PENETRATION FIRESTOPPING

078446 – FIRE-RESISTIVE JOINT SYSTEMS

079200 – JOINT SEALANTS

092216 – NON-LOAD-BEARING STEEL FRAMING

092400 – PORTLAND CEMENT PLASTERING

092900 – GYPSUM BOARD

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work:

- Related Technical Specifications:
  - 051200 – STRUCTURAL STEEL FRAMING
  - 061000 – ROUGH CARPENTRY
  - 062000 – FINISH CARPENTRY
  - 064023 – INTERIOR ARCHITECTURAL WOODWORK
  - 072100 – THERMAL INSULATION
  - 076200 – SHEET METAL FLASHING AND TRIM
  - 081113 – STEEL DOORS AND FRAMES
  
  - 083113 – ACCESS DOORS AND FRAMES

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085113 – ALUMINUM WINDOWS

102800 – TOILET AND BATH ACCESSORIES

104400 – FIRE PROTECTION SPECIALTIES

220529 – HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT

224213.13 – COMMERCIAL WATER CLOSETS

224216.13 – COMMERCIAL LAVATORIES

224216.16 – COMMERCIAL SINKS

230529 – HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT

260500 – BASIC ELECTRICAL MATERIALS AND METHODS

C. SPECIFIC SCOPE OF WORK PROVISIONS

1. Gypsum Board: This Bid Package is responsible to provide all labor, material and equipment necessary to install all gypsum wallboard per Plans, Specifications and Addenda, including but not limited to; all lintels, soffits, gypsum board, moisture resistant gypsum board, cementious backerboard, wall sheathing, exterior ceiling and soffit sheathing, casing beads, compounds, joint treatments, tape, primers, texturing, finishes, acoustical sealants, foam moldings, expansion control joints, shims, anchors, fasteners, trim and accessories required for a complete and system and installation. Gypsum board shall be installed over framing (provided and installed by others).
2. Joint Sealant: This Bid Package shall furnish and install caulking and sealants as required between components of work provided under this Bid Package and also between concrete and gypsum and plaster, and concrete and structural steel work, and all work previously installed which adjoins work of this section. All sealants to be installed per specification.
3. Plaster: This Bid Package Contract scope of work includes: Provide all labor, materials and equipment necessary to install all cement plaster per Plans, Specifications and Addenda, including but not limited to; all exterior and interior plaster systems, wall and soffit cladding systems, insulation board, fluid applied air/moisture barrier, reinforced base coats, finish coats, insulation, standard mesh, high impact mesh, foam shapes, installation of access doors, shims, metal trim, plaster trim, aluminum trim, colors, papers, masking, furring channels, lath, scratch, brown coats, color coats, bonding agents, reinforcement, mesh, screeds, control joints, expansion joints, anchors, scaffolding, support systems, angles, tape, taping, tie-wires, primers, finishes, compounds, joint treatments, texturing, finishes, casing beds, corner beads, adhesives, backing channels, fasteners, caulking and sealants for a complete system and installation as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and materials in the Primary and Related Specification Sections.

4. Fire and Smoke Assembly Identification: Prior to completing work, this contractor shall install all fire and smoke assembly identification above ceiling grid at applicable wall types per specification.
  5. This Bid Package shall furnish and install all caulking and sealants as required between components of work provided under this Bid Package and also between concrete and gypsum and plaster, and plaster and metal wall panels, and all work previously installed which adjoins work of this section. All sealants to be installed per specification.
  6. This Bid Package is responsible for all penetrations through a fire rated assembly shall be properly fire stopped by the applicable TRADE CONTRACTOR whose work or assembly causes the penetration, be it by design or field condition, per specification requirements.
  7. Coordination with Contractor and other trades for blocking and backing requirements and locations, provide block-outs, blocking and backing for other trades. Layout is by others.
  8. This Bid Package is to provide warranties with all applicable Title 24 requirements.
  9. This Bid Package is required to protect and clean up plaster and drywall mud from adjacent surfaces. All floors to be scraped and broom cleaned. Provide dumpsters for cleanup and removal of own debris. Masking of doors and windows as required.
  10. This Bid Package is required to submit standard color charts to Owner for approval before ordering materials.
  11. This Bid Package is to provide gypsum board enclosures at supply and return plenums and bottoms of the air conditions curbs, as shown or specified.
  12. This Bid Package is to furnish and install all sound attenuation batts and fire safing at floor and roof levels as shown, specified and/or required.
  13. This Bid Package is responsible for supplying and installing Access Doors (as needed)
- D. **GENERAL REQUIREMENTS AND PROVISIONS:**
- This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.
- E. **SCHEDULING, SEQUENCING AND MOBILIZATIONS:**
- Schedule: Refer to Construction Manager's Bid Schedule and associated attachments for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

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F. ALLOWANCES:

- a. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 06**

**WOOD FRAMING**

SECTION 01 10 10-06

SUMMARY OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

A. Work Covered by Contract Documents



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- B. Basic Scope of Work Summary
- C. Specific Scope of Work Provisions
- D. General Scope of Work and Provisions
- E. Scheduling, Sequence of Work, and Mobilizations
- F. Allowances

A. WORK COVERED BY CONTRACT DOCUMENTS:

1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach from existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

B. BASIC SCOPE OF WORK SUMMARY:

1. This Bid Packages Basic Scope of Work includes: all work required for a complete and operational sports field and paving system as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications

- Division 0 (Bid Documents)

- Division 1

- 011000 – SUMMARY

- 012600 – CONTRACT MODIFICATION PROCEDURES

- 012900 – PAYMENT PROCEDURES

- 013100 – PROJECT MANAGEMENT AND COORDINATION

- 013200 – CONSTRUCTION PROGRESS DOCUMENTATION

- 013300 – SUBMITTAL PROCEDURES

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014000 – QUALITY REQUIREMENTS

014200 – REFERENCES

015000 – TEMPORARY FACILITIES AND CONTROLS

015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

061000 – ROUGH CARPENTRY

061600 - SHEATHING

078413 – PENETRATION FIRESTOPPING

078446 – FIRE-RESISTIVE JOINT SYSTEMS

079200 – JOINT SEALANTS

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work

- Secondary Technical Specifications:
  - 031000 – CONCRETE FORMING AND ACCESSORIES

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032000 – CONCRETE REINFORCING

033000 – CAST IN PLACE CONCRETE

042000 – UNIT MASONRY

051200 – STRUCTURAL STEEL FRAMING

062000 – FINISH CARPENTRY

064023 – INTERIOR ARCHITECTURAL WOODWORK

072100 – BUILDING INSULATION

075216 – MODIFIED BITUMINOUS MEMBRANE ROOFING

076200 – SHEET METAL FLASHING AND TRIM

092900 – GYPSUM BOARD

081113 – STEEL DOORS AND FRAMES

085113 – ALUMINUM WINDOWS

220529 – HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT

230529 – HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT

260500 – BASIC ELECTRICAL MATERIALS AND METHODS

**SPECIFIC SCOPE OF WORK PROVISIONS:**

1. **Framing:** In general this Bid Package is responsible for all Wood Framing which includes but may not be limited to: all wood framing, sheathing, glu-laminated beams, trusses, plywood web joists, wood "I" joists, wood-to-wood catalog hardware, fasteners, accessories, cabinet backing, wood nailers on steel beams, wood nailers for flashings, wood nailers for roofing systems, shaped nailers and blocking, plywood substrate for roof, mechanical equipment curbs, crickets, plaster grounds, soffit framing, support framing for roof and overflow drains, cricket framing, hardware, trim and accessories as required for a complete framing system and installation.
2. **Rough Carpentry:** This Bid Package is responsible for all Rough Carpentry and Framing per specification section 061000
3. **Sheathing:** This Bid Package is responsible for all Sheathing Construction per Specification Section 061600.
4. **Concrete Embed Coordination:** This Bid Package shall provide detailed layout information to the Concrete Bid Package (BP03) for all framing related concrete embeds (material provided by this bid package), including but not limited to; all hold-down bolts, column bases, anchor bolts, plate

splices, wall openings, curb breaks and other required areas. This Bid Package shall be on-site to provide review and layout of all framing related concrete embeds during the concrete foundation form work activity and installation. This Bid Package will be responsible for final review of all framing related embeds prior to concrete placement and notify the Construction Manager of any discrepancies or concerns 48 hours prior to concrete placement.

5. Nailers: This Bid Package shall coordinate nailer installation with Structural Steel Bid Package, Mason, and other trades in which a nailer is required. If this Bid Package elects to install nailers on the ground before the structural steel is erected, coordinate receiving, unloading and shakeout of materials as required so as not to delay the Structural Steel contractors' activities.
6. Door Opening Verification: This Bid Package shall be responsible to review and verify door throat sizes and frame dimensions with Bid Package (BP08) so as not to cause delay to the construction schedule.
7. Storefront Window System Verification: This Bid Package shall be responsible to review and verify Storefront Window System attachments, sizes and dimensions with other Bid Packages to meet the design intent and so as not to cause delay to the construction schedule.
8. Aluminum Window Frame Verification: This Bid Package shall be responsible to review and verify Aluminum Curtain Wall System attachments, sizes and dimensions with other Bid Packages to meet the design intent and so as not to cause delay to the construction schedule.
9. Access Doors and Frames Verification: This Bid Package shall be responsible to review and verify Access Doors and Frames locations, attachments, sizes and dimensions with other Bid Packages to meet the design intent and so as not to cause delay to the construction schedule.
10. Joint Sealants: This Bid Package shall furnish and install caulking and sealants as required between components of work provided under this Bid Package and also between concrete and gypsum and plaster, and concrete and structural steel work, and all work previously installed which adjoins work of this section. All sealants to be installed per specification.
11. Provide all labor, materials and equipment necessary to install all rough carpentry, framing, sheathing and structural panel web joists per plans, specification and addenda, including but not limited to; all wood framing, sheathing, glu-laminated beams, trusses, plywood web joists, wood "I" joists, wood-to-wood catalog hardware, fasteners, accessories, cabinet backing, wood nailers on steel beams, wood nailers for flashings, wood nailers for roofing systems, shaped nailers and blocking, plywood substrate for roof, equipment curbs, plaster grounds, soffit framing, support framing for roof and overflow drains, cricket framing, hardware, trim and accessories as required for a complete framing system and installation
12. Prime Trade Contractor to provide detailed layout information to Building and Site Concrete PTC for all framing related concrete embeds, including but not limited to; all hold-down bolts, column bases, anchor bolts, plate splices, wall openings, curb breaks and other required areas. PTC shall layout all framing related concrete embeds on the foundation form work, during the formwork installation, as coordinated by the Concrete PTC's Superintendent. Concrete PTC to furnish and install concrete embeds. This PTC will be responsible for final review of all

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framing related embeds prior to concrete placement and notify the Concrete PTC's Superintendent and CM Superintendent of any discrepancies or anticipated problems.

13. Coordinate nailer installation with Structural Steel PTC. If this Rough Carpentry PTC elects to install nailers on the ground before the structural steel is erected, coordinate receiving, unloading (by Steel PTC) and shakeout of materials as required.
14. Coordinate own work with adjacent trades and ensure proper alignment of materials, reveals and details as shown or specified.
15. Coordination with Contractor and other trades for blocking and backing requirements and locations, provide block-outs, blocking and backing for other trades. Layout is by others.
16. Bolts, nuts and washers for wood nailers, steel beams, (beam connection bolts, by others) brackets, buckets, and other areas as related to this PTC's installation.
17. Nailers at masonry, structural steel and concrete parapets.
18. Wood framed rooftop equipment platforms, sleepers and wood leveling for all pre-manufactured curbs. Pre-manufactured curbs supplied by others.
19. Provide installation of any fabricated non-catalog items needed for wood framing. Fabricated items by others.
20. Provide and install all wood crickets.
21. Installation of steel counter support brackets and other miscellaneous steel supplied by others that attaches to wood.
22. Dust control from own work.
23. Provide field welding as shown for own work, including field welding of anchors for hold-downs.
24. Scaffolding and task lighting for own work.
25. Hoisting for own work.

**C. GENERAL REQUIREMENTS AND PROVISIONS:**

1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

D. SCHEDULING, SEQUENCING AND MOBILIZATIONS:

1. Schedule: Refer to **Construction Manager's Bid Schedule and associated attachments** for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

E. ALLOWANCES:

1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 07**

**ROOFING AND SHEET METALS**

SECTION 01 10 10-07

SUMMARY OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents



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- B. Basic Scope of Work Summary
- C. Specific Scope of Work Provisions
- D. General Scope of Work and Provisions
- E. Scheduling, Sequence of Work, and Mobilizations
- F. Allowances

A. WORK COVERED BY CONTRACT DOCUMENTS:

1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach from existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

**B. BASIC SCOPE OF WORK SUMMARY:**

1. This Bid Packages Basic Scope of Work includes: all work required for a complete and operational sports field and paving system as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications

- Division 0 (Bid Documents)

- Division 1

- 011000 – SUMMARY

- 012600 – CONTRACT MODIFICATION PROCEDURES

- 012900 – PAYMENT PROCEDURES

- 013100 – PROJECT MANAGEMENT AND COORDINATION

- 013200 – CONSTRUCTION PROGRESS DOCUMENTATION

- 013300 – SUBMITTAL PROCEDURES

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**Bid Documents**

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014000 – QUALITY REQUIREMENTS

014200 – REFERENCES

015000 – TEMPORARY FACILITIES AND CONTROLS

015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

074100 – METAL ROOF PANELS

075216 – MODIFIED BITUMINOUS MEMBRANE ROOFING

076200 – SHEET METAL FLASHING AND TRIM

076500 – FLEXIBLE SHEET FLASHING

077200 – ROOF ACCESSORIES

078413 – PENETRATION FIRESTOPPING

078446 – FIRE-RESISTIVE JOINT SYSTEMS

079200 – JOINT SEALANTS

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of

Work

- Secondary Technical Specifications:

081113 – HOLLOW METAL DOORS AND FRAMES

085113 – ALUMINUM WINDOWS

092400 – PORTLAND CEMENT PLASTERING

C. SPECIFIC SCOPE OF WORK PROVISIONS:

1. Modified Bituminous Membrane Roofing System: This Bid Package is responsible for the completion of the modified built up roof system and associated preparatory work, including thermal insulation and weather barriers. There are specific elements of the roofing system which are “Furnished by the District and Installed by the Contractor” which are designated in Specification Section 075200 .
2. Surface Prep: This Prime Contractor is responsible to complete the cleaning of all foreign matter, paint, etc. from drain bodies, to bare metal, prior to applying waterproofing materials or metal composite wall panels.
3. Metal Roof Panels: This Bid Package is responsible for the supply and installation of metal composite material, associated secondary supports (unless structural steel provided by BP04), anchors, and underlayment membrane.
4. Weatherproofing/Waterproofing: This Bid Package is responsible to furnish and install all weather barriers/waterproofing/air barriers associated with the roofing system and underlayment required for the metal composite material wall panels.
5. Flexible Sheet Flashing: This Bid Package Contract scope of work includes all preparatory work and the supply and installation of flexible sheet flashing as required for this bid package scope of work to provide a complete roofing system.
6. Manufactured Gutter and Downspouts: This Bid Package shall furnish and install all gutter, downspouts, and accessories in accordance with SMACNA requirements.
7. Joint Sealant: This Bid Package shall furnish and install all caulking and sealants as required between components of work provided under this Bid Package and also between concrete and gypsum and plaster, and concrete and structural steel work, and all work previously installed which adjoins work of this section. All sealants to be installed per specification.
8. Sheet Metal & Flashings: This Bid Package is responsible for the sheet metal and flashing for the entire Project as noted on the plans and in the specifications. This includes various (all) expansion joint assemblies required. This work includes lead flashing at the roof drains, and counter flashing at the HVAC units.

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9. Parapet Coping Cap: The parapet coping cap shall be galvanized, factory painted and match exterior metal panels. Parapet Coping Cap material shall match vertical and horizontal sheet metal panels.
10. Sub-Girts: This Bid Package is responsible to furnish and install vertical and horizontal sub-girts.
11. Roof Accessories: This Bid Package is responsible for the supply and installation of roof accessories.
12. Metal Flashings: This Bid Package shall furnish and install continuous metal flashing.
13. Window Metal Flashings: This Bid Package shall furnish and install window metal flashing.
14. Galvanized Metal Flashings: This Bid Package shall furnish and install galvanized metal flashing per the contract documents.
15. Expansion Joint: This Bid Package shall furnish and install all expansion joint filler material and sealants for work of this Bid Package, including any located where concrete adjoins work previously installed by others.
16. Hoisting and Rigging: This Bid Package is responsible to provide all cranes, hoists, lift equipment and coordination to complete the erection, installation, and assembly of the related components associated with this Bid Package.

D. GENERAL REQUIREMENTS AND PROVISIONS:

1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:

1. Schedule: Refer to **Construction Manager's Bid Schedule and associated attachments** for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

F. ALLOWANCES:

1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 012 21 00.

END OF SECTION

**BID PACKAGE 08**

**DOORS AND HARDWARE**

SECTION 01 10 10-08

SUMMARY OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

A. Work Covered by Contract Documents

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- B. Basic Scope of Work Summary
- C. Specific Scope of Work Provisions
- D. General Scope of Work and Provisions
- E. Scheduling, Sequence of Work, and Mobilizations
- F. Allowances

A. WORK COVERED BY CONTRACT DOCUMENTS:

1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:



Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach from existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

B. BASIC SCOPE OF WORK SUMMARY:

1. This Bid Packages Basic Scope of Work includes: all work required for a complete and operational sports field and paving system as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications

Division 0 (Bid Documents)

Division 1011000 – SUMMARY

012600 – CONTRACT MODIFICATION PROCEDURES

012900 – PAYMENT PROCEDURES

013100 – PROJECT MANAGEMENT AND COORDINATION

013200 – CONSTRUCTION PROGRESS DOCUMENTATION

013300 – SUBMITTAL PROCEDURES

014000 – QUALITY REQUIREMENTS

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014200 – REFERENCES

015000 – TEMPORARY FACILITIES AND CONTROLS

015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

080671 – DOOR HARDWARE SCHEDULE

081113 – HOLLOW METAL DOORS AND FRAMES

087100 – DOOR HARDWARE

078446 – FIRE-RESISTIVE JOINT SYSTEMS

079200 – JOINT SEALANTS

083113 – ACCESS DOORS AND FRAMES

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work

- Secondary Technical Specifications:  
061000 – ROUGH CARPENTRY

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062000 – SHEATHING

092216 – NON-LOAD BEARING STEEL FRAMING

283100 – INTRUSION DETECTION SYSTEM

**C. SPECIFIC SCOPE OF WORK PROVISIONS:**

1. Hollow Metal Doors, Frames & Hardware: This Bid Package (BP08) is responsible for the supply and installation of all hollow metal doors, frames, required hardware and other materials for a complete installation as indicated in the Contract Documents. Install doors and required hardware and other materials.
2. Door Hardware: This Bid Package (BP08) is responsible for the supply and installation of all Door Hardware as indicated on the plans and per specification section 087100. This shall include coordination with the electrical contractor for preparatory work required for the Access Control system.
3. Temporary/Permanent Keying: This Bid Package (BP08) shall supply and install temporary cores (i.e. construction cores) for use during construction operations. This Bid Package is also responsible for the removal of said temporary cores and the installation of new permanent cores upon completion of the project. Contractor shall provide appropriate quantity of keys per the specifications.
4. Access Doors: Provide and install all required access doors and hatches needed to complete the work in this Bid Package.
5. Joint Sealant: This Bid Package shall furnish and install caulking and sealants as required between components of work provided under this Bid Package and also between concrete and gypsum and plaster, and concrete and structural steel work, and all work previously installed which adjoins work of this section. All sealants to be installed per specification.
6. Gate Hardware: This Bid Package shall provide panic hardware and closers for any required gates to be installed by others.

**D. GENERAL REQUIREMENTS AND PROVISIONS:**

1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

**E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:**

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1. Schedule: Refer to **Construction Manager's Bid Schedule and associated attachments** for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.
- F. ALLOWANCES:
  1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 09  
WINDOW AND STOREFRONT**

SECTION 01 10 10-09

SUMMARY OF WORK

1.01 1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents
  
- B. Basic Scope of Work Summary

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- C. Specific Scope of Work Provisions
  
- D. General Scope of Work and Provisions
  
- E. Scheduling, Sequence of Work, and Mobilizations
  
- F. Allowances

**A. WORK COVERED BY CONTRACT DOCUMENTS:**

- 1. **Work Included:** The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

B. BASIC SCOPE OF WORK SUMMARY:

1. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications  
Division 0 (Bid Documents)

Division 1

011000 – SUMMARY

012600 – CONTRACT MODIFICATION PROCEDURES

012900 – PAYMENT PROCEDURES

013100 – PROJECT MANAGEMENT AND COORDINATION

013200 – CONSTRUCTION PROGRESS DOCUMENTATION

013300 – SUBMITTAL PROCEDURES

014000 – QUALITY REQUIREMENTS

014200 – REFERENCES

015000 – TEMPORARY FACILITIES AND CONTROLS

015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

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- 017300 – EXECUTION REQUIREMENTS
- 017419 – CONSTRUCTION WASTE MANAGEMENT
- 017700 – CLOSEOUT PROCEDURES
- 017823 – OPERATION AND MAINTENANCE MANUAL
- 017839 – PROJECT RECORD DOCUMENTS
- 017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

- 078446 – FIRE-RESISTIVE JOINT SYSTEMS
- 079200 – JOINT SEALANTS
- 085113 – ALUMINUM WINDOWS
- 088000 – GLAZING

2. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work:

- Related Technical Specifications:
  - 033000 - CAST IN PLACE CONCRETE
  - 061000 – ROUGH CARPENTRY
  - 092216 – NON-LOAD BEARING STEEL FRAMING
  - 092400 – PORTLAND CEMENT PLASTERING
  - 092900 – GYPSUM BOARD

All other Specification Sections as they interface or relate to this Scope of Work.

C. SPECIFIC SCOPE OF WORK PROVISIONS



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1. Aluminum Windows: This Bid Package is Responsible to Supply and Install all Aluminum Framed Storefronts per the Contract Documents and Specification Section 085113. This shall include required hardware and other materials for a complete installation as indicated.
  2. Glazing: This Bid Package is Responsible to Supply and Install all Aluminum Window Assemblies and Glazing per the Contract Documents and Specification Section 088000.
  3. Joint Sealant: This Bid Package shall furnish and install caulking and sealants, including caulking of windows for a water tight seal, as required between components of work provided under this Bid Package and also between concrete and gypsum and plaster, and concrete and structural steel work, and all work previously installed which adjoins work of this section. All sealants to be installed per specification.
  4. Cleaning: This Bid Package shall be responsible for a final clean of the glazing, windows and storefront system (interior and exterior) as directed by the Construction Manager but not prior to substantial completion of the project.
  5. Fire stopping: This Bid Package is responsible for all fire stopping associated with this bid package scope of work.
  6. Provide all labor, materials and equipment necessary to install all glass and glazing per Plans, Specifications and Addenda, including but not limited to; all tempered glass, laminated glass, sealed insulating glass, security films, solar control, glazing sealants, caulking of all windows for a water-tight seal preformed glazing tabs, cleaning, hardware, trim, fasteners and accessories for a complete system and installation.
  7. Coordinate own work with adjacent trades and ensure proper alignment of materials, reveals and details as shown or specified.
  8. Cleaning and adjustments for own work as required. Clean up of finish surfaces.
  9. Protection and cleanup of adjacent surfaces from own work.
  10. Provide extra stock and replacement materials as specified.
  11. Provide field samples and mockups as specified.
  12. Provide dumpsters for disposal and removal of own debris.
- D. GENERAL REQUIREMENTS AND PROVISIONS:
- This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.
- E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:
1. Schedule: Refer to Construction Manager's Bid Schedule and associated attachments for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline

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Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

F. ALLOWANCES:

1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 10  
CASEWORK**

SECTION 01 10 10-10

SUMMARY OF WORK

1.01 1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents
  
- B. Basic Scope of Work Summary

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- C. Specific Scope of Work Provisions
  
- D. General Scope of Work and Provisions
  
- E. Scheduling, Sequence of Work, and Mobilizations
  
- F. Allowances

**A. WORK COVERED BY CONTRACT DOCUMENTS:**

- 1. **Work Included:** The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

B. BASIC SCOPE OF WORK SUMMARY:

1. This Bid Packages Basic Scope of Work includes: All work required to **furnish and install Finish Carpentry and Interior Architectural Casework** as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification. Site Utility Contractor (Bid Package 09) will provide water and sanitation piping to within 5' of the building as indicated in the Contract Drawings.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications  
Division 0 (Bid Documents)

Division 1

011000 – SUMMARY

012600 – CONTRACT MODIFICATION PROCEDURES

012900 – PAYMENT PROCEDURES

013100 – PROJECT MANAGEMENT AND COORDINATION

013200 – CONSTRUCTION PROGRESS DOCUMENTATION

013300 – SUBMITTAL PROCEDURES

014000 – QUALITY REQUIREMENTS

014200 – REFERENCES

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015000 – TEMPORARY FACILITIES AND CONTROLS

015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

062000 – FINISH CARPENTRY

064023 – INTERIOR ARCHITECTURAL CASEWORK

079200 - JOINT SEALANTS

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work:

- Related Technical Specifications:

055000 - METAL FABRICATION

061000 – ROUGH CARPENTRY

078413 – PENETRATION FIRESTOPPING

083113 - ACCESS DOORS AND FRAMES

All other Specification Sections as they interface or relate to this Scope of Work.

C. SPECIFIC SCOPE OF WORK PROVISIONS

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1. Finish Carpentry and Architectural Wood Casework: This Bid Package is responsible for all labor, materials and equipment necessary to install all custom casework, including but not limited to; all wood casework, glass and glazing integral to casework, counter tops, plastic laminated cabinets, plastic laminated casework, teaching wall cabinets, cabinet drawers, cabinet doors, splashes, moldings, edge bands, adhesives, sealers, bases, toe kicks, hardware, valances, gromets, miscellaneous casework items as indicated on the drawings and as specified for a complete system and installation per Contract Drawings and Specification Sections 062000 and 064100.
2. Coordination with MEP Trades: This Bid Package shall coordinate with other trades in order to provide cutouts for mechanical, electrical and plumbing fixtures, inserts, appliances, outlet boxes, drains or other penetrations as required. Scribe and cut own work to fit adjoining work, refinish and seal cuts. Counter sink nails, fill surface flush, sand and reseal where face nailing is unavoidable.

**D. GENERAL REQUIREMENTS AND PROVISIONS:**

This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

**E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:**

Schedule: Refer to Construction Manager's Bid Schedule and associated attachments for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

**F. ALLOWANCES:**

- a. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 11  
SITE UTILITIES**

SECTION 01 10 10-11

SUMMARY OF WORK

1.01 1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents
  
- B. Basic Scope of Work Summary



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- C. Specific Scope of Work Provisions
- D. General Scope of Work and Provisions
- E. Scheduling, Sequence of Work, and Mobilizations
- F. Allowances

A. WORK COVERED BY CONTRACT DOCUMENTS:

1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

B. BASIC SCOPE OF WORK SUMMARY:

1. This Bid Packages Basic Scope of Work includes: All work required to furnish and install **all on-site/off-site Plumbing Water, Sanitary, Storm Utilities, Gas and Fire Water systems**, as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications  
Division 0 (Bid Documents)

Division 1

011000 – SUMMARY

012600 – CONTRACT MODIFICATION PROCEDURES

012900 – PAYMENT PROCEDURES

013100 – PROJECT MANAGEMENT AND COORDINATION

013200 – CONSTRUCTION PROGRESS DOCUMENTATION

013300 – SUBMITTAL PROCEDURES

014000 – QUALITY REQUIREMENTS

014200 – REFERENCES

015000 – TEMPORARY FACILITIES AND CONTROLS

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015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

221116 – DOMESTIC WATER PIPING

221119 – DOMESTIC WATER PIPING SPECIALTIES

221123 – FACILITY NATURAL GAS PIPING

221316 – SANITARY WASTE AND VENT PIPING

221319 – SANITARY WASTE PIPING SPECIALTIES

221413 – STORM DRAIN PIPING

221423 – STORM DRAIN PIPING SPECIALTIES

331100 – WATER UTILITY DISTRIBUTION PIPING

333100 – SANITARY UTILITY SEWERAGE PIPING

334100 – STORM UTILITY DRAINAGE PIPING

334600 - SUBDRAINAGE

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work:

Related Technical Specifications:

031000 – CONCRETE FORMING AND ACCESSORIES

032000 – CONCRETE REINFORCING

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033000 - CAST IN PLACE CONCRETE

312000 – EARTH MOVING SUMMARY

DIVISION 22

All other Specification Sections as they interface or relate to this Scope of Work.

C. SPECIFIC SCOPE OF WORK PROVISIONS

1. Site Utilities: This Bid Package (BP11) is responsible for all site utility work indicated on the project plans. Site Utilities associated with this bid package include domestic water, sanitary sewer, fire water, gas, and storm drain which are generally shown on the Civil Drawings, but may also include work and/or coordination across Plumbing, Mechanical and Fire Sprinkler drawings. The scope of work for this Bid Package shall terminate 5' outside of the building for point of connection by the Building Plumbing and Fire Sprinkler contractor, with the exception of the fire riser which shall be brought within the fire riser room.
2. Retention Basin and Biofilter: This bid package shall contain all work for the Stormtech Chamber Detention System and biofilter as noted on the civil drawings. This includes but not limited to excavation, installation, procurement of, certification, removal of spoils, fill material, and final fill above the Stormtech Chamber Detention System, and all other items required for a complete installation of the systems.
3. Points of Connection: The points of connection (POC's) for the aforementioned utilities are noted on the Civil Drawings. This Bid Package scope of work shall include potholing/investigating the points of connection for all utilities to confirm depths and sizes of each line. This work shall be performed prior to the start of any associated site utilities and is included within the base bid scope of work and price.
4. Site Gas: This Bid Package is responsible for the installation of the low pressure gas line that is indicated on the P-Sheets stubbed to 12" above finish surface up to the new regulator to be installed at the New Administration Building. The Building Plumbing (BP12) shall be responsible for connecting the gas line at the regulator provided by this Bid Package.
5. Storm Drain: This Bid Package is responsible for the supply and installation of all site storm drainage as indicated in the Contract Documents. This Bid Package is responsible for coordination and making the connection of the site storm drainage system to the in-line catch basin.
6. Encasement and Thrust Blocks: This Bid Package is responsible for furnishing all required encasements and thrust blocking for site utilities.
7. Temporary Site Water: This Bid Package is responsible to furnish and install temporary backflow preventer to the nearest fire hydrant for water needed for all construction activities including dust control and earthwork for the full duration of the project.

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**Bid Documents**

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8. Asphalt/Concrete Patch Repairs: Provide all cutting, temporary and permanent patching, including concrete and asphalt paving as required by invasion of this Bid Package onto Project.
  9. Concrete Pours: This Bid Package is responsible for an adequate labor force on site at concrete pours to protect work in place.
  10. Demo: Provide cut, cap and relocation as required to complete this Bid Package scope of work.
  11. Shallow Trenches: This Bid Package is responsible for slurry encasement of shallow plumbing storm drain pipe. Storm drain pipe shall be encased approximately one foot encased around entire pipe per Geotechnical Engineer approval.
  12. Joint Sealants: This Bid Package shall furnish and install caulking and sealants as required between components of work provided under this Bid Package and also between concrete and gypsum and plaster, and concrete and structural steel work, and all work previously installed which adjoins work of this section. All sealants to be installed per specification.
- D. **GENERAL REQUIREMENTS AND PROVISIONS:**
- This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.
- E. **SCHEDULING, SEQUENCING AND MOBILIZATIONS:**
1. **Schedule**: Refer to Construction Manager’s Bid Schedule and associated attachments for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.
- F. **ALLOWANCES:**
1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 12  
BUILDING PLUMBING**

SECTION 01 10 10-12

SUMMARY OF WORK

1.01 1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents
  
- B. Basic Scope of Work Summary

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- C. Specific Scope of Work Provisions
  
- D. General Scope of Work and Provisions
  
- E. Scheduling, Sequence of Work, and Mobilizations
  
- F. Allowances
  
- A. WORK COVERED BY CONTRACT DOCUMENTS:
  - 1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

B. BASIC SCOPE OF WORK SUMMARY:

1. This Bid Packages Basic Scope of Work includes: All work required to **furnish and install Building Plumbing Water, Sanitary Sewer, Natural Gas, Vents and Storm Drainage** as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification. Site Utility Contractor (Bid Package 11) will provide water and sanitation piping to within 5' of the building as indicated in the Contract Drawings.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications  
Division 0 (Bid Documents)

Division 1

011000 – SUMMARY

012600 – CONTRACT MODIFICATION PROCEDURES

012900 – PAYMENT PROCEDURES

013100 – PROJECT MANAGEMENT AND COORDINATION

013200 – CONSTRUCTION PROGRESS DOCUMENTATION

013300 – SUBMITTAL PROCEDURES

014000 – QUALITY REQUIREMENTS

014200 – REFERENCES



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015000 – TEMPORARY FACILITIES AND CONTROLS

015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

078446 – FIRE RESISTIVE JOINT SYSTEMS

079200 – JOINT SEALANTS

083100 – ACCESS DOORS AND PANELS

220513 – COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT

220517 – SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING

220518 – ESCUTCHEONS FOR PLUMBING PIPING

220519 – METERS AND GAGES FOR PLUMBING PIPING

220523 – GENERAL-DUTY VALVES FOR PLUMBING PIPING

220529 – HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT

220553 – IDENTIFICATION FOR PLUMBING EQUIPMENT

220719 – PLUMBING PIPING INSULATION

221116 – DOMESTIC WATER PIPING

221119 – DOMESTIC WATER PIPING SPECIALTIES

221123 – FACILITY NATURAL GAS PIPING

221316 – SANITARY WASTE AND VENT PIPING

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221319 – SANITARY WASTE PIPING SPECIALTIES

221413 – FACILITY STORM DRAINAGE PIPING

221423 – STORM DRAIN PIPING

221423 – STORM DRAIN PIPING SPECIALTIES

221616 – CONDENSATE DRAIN PIPING

223300 – ELECTRIC DOMESTIC-WATER HEATERS

224213.13 – COMMERCIAL WATER CLOSETS

224216.13 – COMMERCIAL LAVATORIES

224216.16 – COMMERCIAL SINKS

224713 – DRINKING FOUNTAINS

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work:

- Related Technical Specifications:
  - 031000 – CONCRETE FORMING AND ACCESSORIES
  - 032000 – CONCRETE REINFORCING
  - 033000 - CAST IN PLACE CONCRETE
  - 055000 - METAL FABRICATION
  - 312200 – GRADING
  - 312316 – EXCAVATION
  - 078400 - FIRESTOPPING
  - 232300 – REFRIGERANT PIPING
  - 237413 – PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS
  - 238126 – SPLIT-SYSTEM AIR-CONDITIONERS
  - 260500 – BASIC ELECTRICAL MATERIALS AND METHODS

All other Specification Sections as they interface or relate to this Scope of Work.

C. SPECIFIC SCOPE OF WORK PROVISIONS

1. Plumbing: This Bid Package is responsible for all work shown on Plumbing drawings as well as coordinated related scope with all other Trade Contractors to produce FULLY FUNCTIONAL SYSTEMS.
2. Plumbing Fixtures: This Bid Package is responsible for the supply and installation of all plumbing fixtures listed in the Contract Documents and Drawings.
3. Plumbing Equipment: This Bid Package is responsible for the supply and installation of all Plumbing Equipment for a complete and operational system as indicated in the Contract Documents and P0.20.
4. Plumbing Condensate Line: This Bid Package is responsible for the supply and installation of all required condensate line related to HVAC equipment.
5. Low Pressure Gas: This Bid Package is responsible for the installation of all low pressure gas from the regulator and into the building (provided by BP11). This Bid Package is also responsible for the installation of the earthquake shut off valve or regulators that may be required.
6. Plumbing Installations: Furnish and install all fire stops, seals, flashings, sleeves, sealants and fittings as required to complete this Bid Package scope of work.
7. Plumbing Anchors & Supports: Furnish and install all anchoring and supports as required to complete the work in this Bid Package.
8. Fire Penetrations: All penetrations through a fire rated assembly shall be properly fire stopped by the applicable TRADE CONTRACTOR whose work or assembly causes the penetration, be it by design or field condition, per specification requirements.
9. Access Doors: This Bid Package is responsible for furnishing and installing all access doors required to complete this Bid Packages scope of work.
10. Concrete Pours: This Bid Package is responsible for an adequate labor force on site at concrete pours to protect work in place. Additionally, this Bid Package shall coordinate with the concrete contractor (Bid Package 03) for pipe penetrations through or under footings. Any sleeves that are required shall be provided by this Bid Package.
11. Flashings and Waterproof Products: Provide all flashings, counter flashings, boots, pitch pockets, seals, platform covers, sealants, sleeves and fittings as required to install work of this Bid Package and provide a weather tight seal.
12. Roof Flashings: Provide all flashings for roof drains to roofing Bid Package for installation and coordinate for proper installation.
13. Demo: Provide cut, cap and relocation as required to complete this Bid Package scope of work.
14. Joint Sealant: This Bid Package shall furnish and install caulking and sealants as required between components of work provided under this Bid Package and also between concrete and gypsum and plaster, and concrete and structural steel work, and all work previously installed which adjoins work of this section. All sealants to be installed per specification.

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15. Access Doors and Panels: This Bid Package shall provide and install any access doors/panels required for this scope of work.

D. GENERAL REQUIREMENTS AND PROVISIONS:

This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:

Schedule: Refer to Construction Manager's Bid Schedule and associated attachments for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

F. ALLOWANCES:

- a. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 13  
HVAC / MECHANICAL**

SECTION 01 10 10-13

SUMMARY OF WORK

1.01 1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents
  
- B. Basic Scope of Work Summary

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- C. Specific Scope of Work Provisions
- D. General Scope of Work and Provisions
- E. Scheduling, Sequence of Work, and Mobilizations
- F. Allowances

A. WORK COVERED BY CONTRACT DOCUMENTS:

1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

**B. BASIC SCOPE OF WORK SUMMARY:**

1. This Bid Packages Basic Scope of Work includes: all **HVAC work** required for a complete and operational HVAC system as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

Primary Technical Specifications

Division 0 (Bid Documents)

Division 1

011000 – SUMMARY

012600 – CONTRACT MODIFICATION PROCEDURES

012900 – PAYMENT PROCEDURES

013100 – PROJECT MANAGEMENT AND COORDINATION

013200 – CONSTRUCTION PROGRESS DOCUMENTATION

013300 – SUBMITTAL PROCEDURES

014000 – QUALITY REQUIREMENTS

014200 – REFERENCES

015000 – TEMPORARY FACILITIES AND CONTROLS

015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

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017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

078446 – FIRE-RESISTIVE JOINT SYSTEMS

079200 – JOINT SEALANTS

230529 – HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT

230548 – VIBRATION AND SIESMIC CONTROL FOR HVAC

230553 – IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT

230593 – TESTING, ADJUSTING, AND BALANCING FOR HVAC

230713 – DUCT INSULATION

230719 – HVAC PIPING INSULATION

230900 – INSTRUMENTATION AND CONTROL FOR HVAC

232300 – REFRIGERATION PIPING

233113 – METAL DUCTS

233300 – AIR DUCT ACCESORIES

233423 – HVAC POWER VENTILATORS

233713 – DIFFUSERS, REGISTERS, AND GRILLES

233723 – HVAC GRAVITY VENTILATORS

237413 – PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS

238126 – SPLIT-SYSTEM AIR-CONDITIONERS



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3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work:

Related Technical Specifications:

055000 - METAL FABRICATION

076200 – SHEET METAL FLASHING AND TRIM

083113 – ACCESS DOORS AND FRAMES

260100 – BASIC ELECTRICAL MATERIALS AND METHODS

260940 – LINE VOLTAGE OCCUPANCY MOTION SENSORS

All other Specification Sections as they interface or relate to this Scope of Work

**C. SPECIFIC SCOPE OF WORK PROVISIONS:**

1. HVAC System: This Bid Package Contract scope of work includes: all work required to furnish and install a complete and operational HVAC system as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections. This includes, but is not limited to the following: Package A/C Units, Make-up Air Units, Fan Coil Units, Branch Selectors, Split System Heat Pumps, Exhaust Fans, Variable Frequency Drives, Supply Fans, Gravity Vents, Diffusers & Grilles, Dryer Duct, Pumps, Refrigerant Systems, HVAC Equipment Controls, Ductwork with Insulation, Hydronic Piping with Insulation, Refrigerant Piping, Acoustical Treatment for Piping, Air Registers, Linear Air Diffusers, Mechanical Louvers, Commissioning Support, Start Up Reports by the manufacturer for all equipment, Testing of all systems, Adjusting and Balancing of all new systems and systems tied into new systems such as to be functional, Penetration Fire stopping, and Sheet metal caps at HVAC Equipment pads.
2. HVAC Structural Supports & Bracing: Furnish and install all braces, brackets and support systems complete (including their attachment to the building structure) as required for this Bid Package scope of work, including structural and miscellaneous steel items when detailed only on the Mechanical drawings, or not specifically detailed but required. Mechanical attachments generically referred to on Architectural drawings shall be considered within the scope of this Bid Package. In areas of fireproofing, limit initial drops through decking to 12” in length and provide approved splice after fireproofing is installed.
3. HVAC Equipment, Piping, and Ductwork: This Bid Package is responsible for all mechanical equipment as indicated on M0.20, ductwork, and associated supports as shown on the Mechanical drawings, or required for the work, and all related specifications, including certified air balance, as well as coordination with other Trade Contractors.
4. Condensate Drain Piping: The Plumbing Trade Contractor shall be responsible for condensate drain piping specifically identified on the Plumbing Sheets. This Bid Package shall be responsible for condensate drainage for HVAC systems if not specifically identified on the Plumbing Sheets.
5. HVAC Curbs: Furnish and completely install factory curb systems.

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6. Protection Covers: Provide and install temporary sheet metal covers to provide protection to the building from weather from the time the curbs are installed to the time the units are set and sealed.
7. Instrumentation and Controls for HVAC: Furnish and install all low voltage control wiring, conduit, devices and other equipment required for a complete and operational BMS control system as indicated in Specification Section 230900.
8. Fire Alarm Coordination: This Bid Package shall be responsible for providing all necessary equipment associated with HVAC units, ductwork, dampers, etc. for proper connection of the fire alarm system. The fire alarm system shall be connected by Bid Package 14, but the preparatory work, devices, etc. required for connection when associated with HVAC equipment shall be provided by this bid package.
9. Fire Penetrations: All penetrations through a fire rated assembly shall be properly fire stopped by the applicable TRADE CONTRACTOR whose work or assembly causes the penetration, be it by design or field condition, per specification requirements
10. Louvers: This Bid Package shall furnish and install all louvers that are specifically indicated on the Mechanical Sheets. Furnish and installation shall be complete which includes but may not be limited to, necessary angles and/or supports for attachment (unless specifically noted to be provided otherwise), flashing and trim, caulking, and sealants. This Bid Package shall coordinate with each respective TRADE CONTRACTOR for attachment, and provide and install said material so as not to impact the project schedule.
11. Access Doors: This Bid Package is responsible for all access doors and hatches that are specifically indicated in the contract drawings for this Bid Package's scope of work and/or are required by code to complete this Bid Package's scope of work or allow for proper maintenance access. Prior to installation, Trade Contractor shall submit to the Construction Manager a layout plan for those access panels that are required, but are not specifically laid out on the Contract Drawings.
12. Miscellaneous Blocking: This bid package may be required to place blocking, this work may require coordination with other trades. It is the contractor's responsibility to perform this coordination with other bid packages.
13. Exterior Galvanized Pipe: Galvanized piping to be provided at all exterior locations.
14. Flashings and Waterproof Products: Provide all flashings, counter flashings, boots, pitch pockets, seals, platform covers, sealants, sleeves and fittings as required to install work of this Bid Package and provide a weather tight seal. This is also applicable to all caulking and/or sealants that may be required for weather proofing, sound, aesthetics or building performance when this Bid Packages scope of work is directly adjacent to other HVAC work or work of other TRADE CONTRACTORS.
15. Air Filters: This Bid Package shall install all HVAC equipment with either temporary air filters, or with specified filters, which shall be replaced during the course of construction and as necessary to maintain air quality, cleanliness, and proper operation of the equipment. At a minimum, the air filters shall be replaced with new upon substantial completion of the project.
16. Commissioning Schedule: Provide complete testing and commissioning schedule within 30 calendar days of Notice to Proceed.
17. Testing, Adjusting and Balance Report: Provide and comply with the testing, adjusting and balance report which shall be furnished by an independent contractor and coordinated and paid

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for by this Bid Package. The Construction Schedule may dictate multiple mobilizations and/or partial completion of the building which shall be included and factored within this Bid Package.

18. Hoisting and Rigging: This Bid Package is responsible to provide all cranes, hoists, lift equipment and coordination to complete the installation, and assembly of the Mechanical Systems and related components associated with this Bid Package.

**D. GENERAL REQUIREMENTS AND PROVISIONS:**

1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

**E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:**

1. Schedule: Refer to Construction Manager's Bid Schedule and associated attachments for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

**F. ALLOWANCES:**

1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 14**

**ELECTRICAL, LOW VOLTAGE SYSTEMS AND FIRE ALARM**

SECTION 01 10 10-14

SCOPE OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents
- B. Basic Scope of Work Summary

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- C. Specific Scope of Work Provisions
  
- D. General Scope of Work and Provisions
  
- E. Scheduling, Sequence of Work, and Mobilizations
  
- F. Allowances

**A. WORK COVERED BY CONTRACT DOCUMENTS:**

1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

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Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

**B. BASIC SCOPE OF WORK SUMMARY:**

1. This Bid Packages Basic Scope of Work includes: all **Electrical, Fire Alarm, Communications, and Low Voltage work** required for complete and operational systems as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications:
  - Division 0 (Bid Documents)
  - Division 1
  - 011000 – SUMMARY
  - 012600 – CONTRACT MODIFICATION PROCEDURES
  - 012900 – PAYMENT PROCEDURES
  
  - 013100 – PROJECT MANAGEMENT AND COORDINATION
  - 013200 – CONSTRUCTION PROGRESS DOCUMENTATION
  
  - 013300 – SUBMITTAL PROCEDURES
  
  - 014000 – QUALITY REQUIREMENTS
  
  - 014200 – REFERENCES
  
  - 015000 – TEMPORARY FACILITIES AND CONTROLS
  
  - 015639 – TEMPORARY TREE AND PLANT PROTECTION
  
  - 015723 – TEMPORARY STORM WATER POLLUTION CONTROL
  
  - 016000 – PRODUCT REQUIREMENTS
  
  - 017300 – EXECUTION REQUIREMENTS
  
  - 017419 – CONSTRUCTION WASTE MANAGEMENT

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017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

078446 – FIRE-RESISTIVE JOINT SYSTEMS

079200 – JOINT SEALANTS

083113 – ACCESS DOORS AND FRAMES

260100 – ELECTRICAL GENERAL PROVISIONS

260500 – BASIC ELECTRICAL MATERIALS AND METHODS

260530 – CONDUIT AND WIRE

260923 – LIGHTING CONTROL SYSTEM

260940 – LINE VOLTAGE OCCUPANCY MOTION SENSORS

262415 – SWITCHBOARDS, PANELBOARDS, AND TERMINAL CABINETS

263300 – BATTERY ENERGY STORAGE SYSTEMS

265000 – LIGHTING FIXTURES

265200 – EMERGENCY LIGHTING INVERTER

DIVISION 27 – COMMUNICATIONS

271000 – STRUCTURED CABLING

274114 – AUDIO VIDEO SYSTEM

275126 – PORTABLE ASSISTIVE LISTENING SYSTEM

275313 – PAGING SYSTEM

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

283100 - INTRUSION DETECTION SYSTEM

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284620 – FIRE ALARM

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work:

- Related Technical Specifications:
  - 031000 – CONCRETE FORMING AND ACCESSORIES
  - 032000 – CONCRETE REINFORCING
  - 033000 – CAST IN PLACE CONCRETE
  - 061000 – ROUGH CARPENTRY
  - 099100 – PAINTING
  - 220513 – COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT
  - 223300 – ELECTRIC DOMESTIC WATER CLOSETS
  - 230900 – INSTRUMENTATION AND CONTROL FOR HVAC
  - 237413 – PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS
  - 238126 – SPLIT-SYSTEM AIR-CONDITIONERS
  - 312000 – EARTH MOVING SUMMARY

All other Specification Sections as they interface or relate to this Scope of Work

C. SPECIFIC SCOPE OF WORK PROVISIONS:

1. Contract Scope: This Bid Package Contract scope of work includes: all work required to furnish and install all on-site/off-site Electrical, Fire Alarm, Communications, Audiovisual Systems, Safety and Security systems as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. Electrical: This Bid Package includes all items and work indicated on the Electrical drawings as well as all items listed in specifications and related items in other TRADE CONTRACTORS Bid Package's and as indicated in the Contract Documents.
3. Demolition: Provide cut, cap and relocation as required of existing on-site/off-site utilities, street lighting, fixtures and features found on Civil Demolition Drawings and as indicated on the contract documents. Coordinate with local utility services and school for removal and/or relocation of all components found on site. Dispose of all debris generated by this Bid Package offsite in a legal manner and at your own cost. Coordinate with Bid Packages.
4. Temporary Power: This Bid Package is responsible to provide Temporary Power which shall include temporary power poles, 50A spider box, and 100' of extension cable. Electrical Contractor may



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### TK-PK Classrooms & Early Learning Building

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- utilize existing switchgear(s) if feasible. Final locations to be coordinated with Construction Manager and so normal length extension cords can be utilized by trades. Maintain and keep in good working order all temporary power components.
5. Temporary Lighting: This Bid Package is responsible to provide Temporary Lighting throughout entire Building including: restrooms, classrooms, corridors, electrical rooms, miscellaneous rooms. Set up billing of used utilities to be paid for by Electrical Contractor. Provide enough spider boxes to ensure Prime Contractors have enough electricity for normal construction demands. This Bid Package shall also provide temporary security lighting at the contractor staging area as designated on the Site Logistics Plan.
  6. Temporary Power for Construction Management Trailer: Furnish and Install temporary overhead power pathway to the Construction Management Trailer. Reference Construction Laydown Plan for location of trailer and restrooms. Coordinate tie-ins with Construction Managers.
  7. Temporary Data for Job Site Trailers: This Bid Package is responsible to provide data for CM and IOR trailers via hardwire and Wi-Fi for all electronic device throughout the duration of the project.\*
  8. Temporary Power Tie-In Location: This Bid Package is responsible to provide temporary power to the construction site. Construction Phasing plan showing switchgear location where temporary power will be pulled from. Contractor to provide an install temporary power poles as necessary. The Electrical contractor shall coordinate this work with the Construction Management and determine the locations.
  9. On Site and Off Site Utilities: Provide all trenching, backfill, compaction, street patching and conduit for all dry utilities covered in this BP that run through the site in any direction and location to the building as designed. Remove any abandoned utilities encountered in any utility trench during the installation of the utilities required in this Bid Package any excavation and providing and installation of concrete vaults and boxes is included in this package. Protect in place all existing utilities scheduled to remain. Refer to Construction Drawings and as built drawings as well as provide utility search services. Any damage done to known conduits, cables and equipment will be repaired by this Bid Package at no cost to owner including interruptions and damage caused by said interruptions.
  10. Electrical Conduit: Furnish and install all conduit for all power equipment, furnish fire alarm conduit, and low voltage conduit on/off site.
  11. Concrete Pours: This Bid Package is responsible for an adequate labor force on site at concrete pours to protect work in place.
  12. Electrical Structural Supports & Bracing: This Bid Package is responsible to furnish and install all braces, brackets and support systems complete (including their attachment to the building structure) as required for this Bid Package scope of work, including structural and miscellaneous steel items when detailed only on the Electrical drawings, or not specifically detailed but required. Electrical attachments generically referred to on Architectural drawings shall be considered within the scope of this Bid Package. In areas of fireproofing, limit initial drops through decking to 12" in length and provide approved splice after fireproofing is installed. Coordinate with CM.
  13. Site Lighting & Light Pole Foundations: Provide required labor, materials, design and coordination for the on-site lighting. Concrete foundations for pole bases will be furnished and installed by the Concrete Bid Package. Provide anchor bolts attached to templates with double nuts and with proper projection for all light poles.
  14. Encased Conduit: Furnish and install all required concrete encasement including all conduits passing through or under footings, coordinate with structural drawings.

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15. Smoke Fire Dampers: Furnish and supply all materials and labor necessary to provide power for all smoke fire dampers.
16. Communications: This Bid Package is responsible to furnish and install all required systems to provide a complete and operational Communications System per specifications and as indicated in the Contract Documents.
17. Low Voltage Systems: This Bid Package is responsible to supply and install all low voltage systems not specifically mentioned yet are indicated in the Contract Documents to provide a complete and operational system.
18. Fire Alarm System: This Bid Package is responsible to furnish and install all required systems to provide a complete and operational Fire Alarm System per specifications and as indicated in the Contract Documents.
19. Technology Systems: This Bid Package is responsible to furnish and install all required systems to provide a complete and operational Technology System per specifications and as indicated in the Contract Documents. See Contract Documents Technology Drawings for information related to pathways, public address systems, access controls, surveillance systems, intrusion detection systems, clock systems, and annotation systems.
20. Access Doors: Provide and install all required access doors and hatches needed to complete the work in this Bid Package.
21. Fire rated Backboard: Provide and install all plywood backboards as required for all work associated with this Bid Package.
22. Legacy Systems: Contractor may be required to interface or coordinate connections between the new and existing systems. Contractor is to notify the Construction Management team in advance of any coordination that may need to be done with the District on their existing systems.
23. Interface Coordination: This bid package is to coordinate interfaces with the Owners representative where appropriate.
24. Fire Penetrations: All penetrations through a fire rated assembly shall be properly fire stopped by the applicable TRADE CONTRACTOR whose work or assembly causes the penetration, be it by design or field condition, per specification requirements
25. Flashings and Waterproof Products: Provide all flashings, counter flashings, boots, pitch pockets, seals, platform covers, sealants, sleeves and fittings as required to install work of this Bid Package and provide a weather tight seal.

#### D. GENERAL REQUIREMENTS AND PROVISIONS:

1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

#### E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:

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1. Schedule: Refer to **Construction Manager's Bid Schedule and associated attachments** for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.
- F. ALLOWANCES:
1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 15  
LANDSCAPE AND IRRIGATION**

SECTION 01 10 10-15

SUMMARY OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents
- B. Basic Scope of Work Summary
- C. Specific Scope of Work Provisions

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- D. General Scope of Work and Provisions
- E. Scheduling, Sequence of Work, and Mobilizations
- F. Allowances

A. WORK COVERED BY CONTRACT DOCUMENTS:

1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

B. NARRATIVE FOR SCOPE OF WORK:

1. This Bid Packages Basic Scope of Work includes: All work required to **furnish and install all on-site/off-site Landscape and Irrigation Systems** for a complete and operational system, as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:
  - Primary Technical Specifications:
    - Division 0 (Bid Documents)
    - Division 1
    - 011000 – SUMMARY
    - 012600 – CONTRACT MODIFICATION PROCEDURES
    - 012900 – PAYMENT PROCEDURES
  
    - 013100 – PROJECT MANAGEMENT AND COORDINATION
    - 013200 – CONSTRUCTION PROGRESS DOCUMENTATION
  
    - 013300 – SUBMITTAL PROCEDURES
  
    - 014000 – QUALITY REQUIREMENTS
  
    - 014200 – REFERENCES
  
    - 015000 – TEMPORARY FACILITIES AND CONTROLS
  
    - 015639 – TEMPORARY TREE AND PLANT PROTECTION
  
    - 015723 – TEMPORARY STORM WATER POLLUTION CONTROL
  
    - 016000 – PRODUCT REQUIREMENTS
  
    - 017300 – EXECUTION REQUIREMENTS
  
    - 017419 – CONSTRUCTION WASTE MANAGEMENT

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017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

328400 – IRRIGATION SYSTEM

329113 – SOIL PREPARATION

329300 - PLANTING

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work:

- Related Technical Specifications:

311000 - SITE CLEARING

312000 – EARTH MOVING SUMMARY

C. **SPECIFIC SCOPE OF WORK PROVISIONS:**

1. Irrigation System: This Bid Package (BP15) is responsible to provide a complete an operational irrigation system. The site operates off of reclaimed water and this Bid Package will be responsible to investigate, verify, and connect to the existing reclaimed water system.
2. Reclaimed Water Identification: This Bid Package (BP15) is responsible to provide and install reclaimed water tags for each coupler and provide and install an additional (30) extra for existing couplers onsite.
3. Reclaimed Water Signage: Provide and install (20) of reclaimed water signage across the existing campus for the health department inspector.
4. Spoil & Waste Disposal: This Bid Package (BP15) is responsible for all spoils and waste generated by this Bid Package and the proper disposal of all stockpiled spoils and waste generated by this Bid Package.
5. Point of Connection Coordination: This Bid Package (BP15) is responsible to coordinate with the Plumbing and Electrical Contractor for the installation of designated points of connection (e.g. irrigation controller,
6. Planting: This Bid Package is responsible for the supply and installation of all planting and landscape materials including soil amendments and top soil.

7. Mechanical Seeding: This Bid Package (BP15) is responsible for the use and providing of machinery that evenly disperses seeds then mechanically pushes the seeds into the soil.
8. Excavating: This Bid Package (BP15) is responsible for any of the shallow excavation along with any tools/equipment that may be required for the installation of the irrigation system.
9. Backfill: This Bid Package (BP15) is responsible for any backfilling required for the installation of the irrigation system.
10. Finish Grade Verification: This Bid Package (BP15) Contract scope of work includes: the verification of all finish grades, final grading, and proper drainage associated with the placement of all planting and irrigation installation, and maintenance as set forth in the Project specifications.
11. Irrigation Sleeve Concrete Pours: This Bid Package is responsible for an adequate labor force on site at and before concrete pours to ensure any required irrigation sleeves have been installed and to protect work in place.

**D. GENERAL REQUIREMENTS AND PROVISIONS:**

1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

**E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:**

1. Schedule: Refer to Construction Manager's Bid Schedule and associated attachments for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

**F. ALLOWANCES:**

1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION



**BID PACKAGE 16**

**BASE AND ASPHALT**

SECTION 01 10 10-16

SUMMARY OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents

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- B. Basic Scope of Work Summary
- C. Specific Scope of Work Provisions
- D. General Scope of Work and Provisions
- E. Scheduling, Sequence of Work, and Mobilizations
- F. Allowances

A. WORK COVERED BY CONTRACT DOCUMENTS:

1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."

Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

**B. BASIC SCOPE OF WORK SUMMARY:**

1. This Bid Packages Basic Scope of Work includes: all work required for a complete and operational drop off area, fire lane and parking lot as shown in the Contract Drawings and all associated sheets, elevations, details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications

- Division 0 (Bid Documents)

- Division 1

- 011000 – SUMMARY

- 012600 – CONTRACT MODIFICATION PROCEDURES

- 012900 – PAYMENT PROCEDURES

- 013100 – PROJECT MANAGEMENT AND COORDINATION

- 013200 – CONSTRUCTION PROGRESS DOCUMENTATION

- 013300 – SUBMITTAL PROCEDURES

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014000 – QUALITY REQUIREMENTS

014200 – REFERENCES

015000 – TEMPORARY FACILITIES AND CONTROLS

015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

321216 – HOT-MIX ASPHALT (HMA) PAVING

321236 – EMULSIFIED SLURRY SEAL

321540 – GRANITECRETE – CRUSHED AGGREGATE PAVING

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work

- Secondary Technical Specifications:
  - 031000 – CONCRETE FORMING AND ACCESORIES
  - 033000 – CAST-IN-PLACE CONCRETE
  - 079200 – JOINT SEALANTS
  - 311000 – SITE CLEARING

312316 – EARTH MOVING SUMMARY

- C. SPECIFIC SCOPE OF WORK PROVISIONS:
1. Asphalt: This Bid Package is responsible for the completion of all of the asphalt pavement work or improvements shown on the plans and described in the specifications including crushed rock layer (base), asphalt paving, concrete wheel stops, pavement markings, all joint sealants associated with asphalt work, and all asphalt curing and asphalt sealing, which is required to complete the scope of work.
  2. Traffic Signage: This Bid Package is responsible for the supply and installation of all traffic signage that is shown on the plans and described in the specifications.
  3. Pavement Markings: This Bid Package is responsible for the supply and painting of all pavement markings shown on the plans and described in the specifications.
  4. Surface Prep: This Prime Contractor is responsible to complete the cleaning of all foreign matter, paint, etc. from drain bodies, to bare metal, prior to applying waterproofing materials or metal composite wall panels.
  5. Concrete Wheel Stops: This Bid Package is responsible for the supply and installation of concrete wheel stops, associated secondary supports and structural steel.
  6. Crushed Rock Layer (Base): This Bid Package is responsible for the supply and installation of the appropriately sized crushed rock layer that is shown on the plans and described in the specifications for the parking lot.
  7. Site Signage: This Bid Package shall furnish and install all site signage for this project along with coordinating with any other Bid Package(s) in order to complete this scope of work.
- D. GENERAL REQUIREMENTS AND PROVISIONS:
1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.
- E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:

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1. Schedule: Refer to **Construction Manager's Bid Schedule and associated attachments** for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.
- F. ALLOWANCES:
  1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

**BID PACKAGE 17  
FENCING AND GATES**

SECTION 01 10 10-17

SUMMARY OF WORK

1.01 SUMMARY

As explained in Division 01 Section 01 10 10 of these specifications and the Notice Calling for Bids, work of the total Project is planned to be accomplished by dividing the total work among the various prime contracts, each of which is identified by a "Bid Package" number and title. The various prime Contractors are referred to herein as "TRADE CONTRACTORS" or "Contractors".

It is the responsibility of the individual Bidders to fully familiarize themselves with the entire Scope of Work Summary and all of the Contract Documents, as the individual Specifications interface throughout the Project and thus impact all TRADE CONTRACTORS. The Scope of Work Summary may not be inclusive of all work and therefore shall not limit those items that would regularly be required to execute the work.

TRADE CONTRACTORS are required to include all items listed within their respective Summary of Work regardless of duplication and/or discrepancy within the Contract Documents, Plans or Technical Specifications. In case of duplication between Scopes of Work between two or more Bid Packages, the Construction Manager, shall designate which Bid Package shall execute said scope of work, and a credit shall be provided for work required but not performed. In case of conflict between the Summary of Work and other Contract Documents, the Summary of Work shall govern.

1.02 SECTION INCLUDES

- A. Work Covered by Contract Documents

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- B. Basic Scope of Work Summary
  
- C. Specific Scope of Work Provisions
  
- D. General Scope of Work and Provisions
  
- E. Scheduling, Sequence of Work, and Mobilizations
  
- F. Allowances

**A. WORK COVERED BY CONTRACT DOCUMENTS:**

1. Work Included: The work to be performed by Contractor shall conform to the requirements of all of the Carl E. Gilbert TK-PK Classrooms & Early Learning Center Bid Documents, which include but may not be limited to: Division 00, Division 01 , Agreement, General Conditions and other Special Conditions, Supplementary Conditions, Technical Specifications, Drawings, Reference Documents and other related documents, addenda, and includes the furnishing of all supervision, labor, materials, tools, equipment, transportation, plant and services necessary therefore and incidental thereto to complete the Project.

It is understood that Drawings and Specifications are documents which indicate the work and intent of the Project, and as such, the Drawings and Specifications do not necessarily indicate or describe all work required by code for the full performance and completion of work. This contract will be awarded on the basis of such documents with the understanding that the TRADE CONTRACTOR is to furnish and install all items required for the proper completion of this work, including those items that are required by code and those that are inferred by an experienced construction professionals in order to meet the intent of the design, without adjustment to the contract sum.

The following terms and corresponding definitions are utilized throughout the Scope of Work. All prospective bidders shall take note of the intended meaning of each term:

Demolish, "Completely remove and legally dispose of off-site."



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Recycle, "Recovery of demolitions waste for the subsequent processing in preparation for reuse."

Salvage, "Carefully detach form existing construction, in a manner to prevent damage, and deliver to Owner."

Furnish "Delivered to the job site, marked or otherwise identified, assembled, ready for installation."

Install "Locate, lay out, temporarily shore or support, and erect to the completed and intended final use."

**B. BASIC SCOPE OF WORK SUMMARY:**

1. This Bid Packages Basic Scope of Work includes: all work required for a complete and **operational fencing and gate system, including but not limited to Decorative Metal Fences and Gates** as shown in the Contract Drawings and all associated sheets, elevations, and details, and the methods and in the Primary and Related Specification Sections.
2. This Bid Package Contract scope of work includes the complete furnish and installation of the following Primary Technical Specifications, to full and complete compliance, for the entire project:

- Primary Technical Specifications

- Division 0 (Bid Documents)

- Division 1

- 011000 – SUMMARY

- 012600 – CONTRACT MODIFICATION PROCEDURES

- 012900 – PAYMENT PROCEDURES

- 013100 – PROJECT MANAGEMENT AND COORDINATION

- 013200 – CONSTRUCTION PROGRESS DOCUMENTATION

- 013300 – SUBMITTAL PROCEDURES

- 014000 – QUALITY REQUIREMENTS

- 014200 – REFERENCES

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015000 – TEMPORARY FACILITIES AND CONTROLS

015639 – TEMPORARY TREE AND PLANT PROTECTION

015723 – TEMPORARY STORM WATER POLLUTION CONTROL

016000 – PRODUCT REQUIREMENTS

017300 – EXECUTION REQUIREMENTS

017419 – CONSTRUCTION WASTE MANAGEMENT

017700 – CLOSEOUT PROCEDURES

017823 – OPERATION AND MAINTENANCE MANUAL

017839 – PROJECT RECORD DOCUMENTS

017900 – DEMONSTRATION AND TRAINING

GEOTECHNICAL REPORT

323119 – DECORATIVE METAL FENCES AND GATES

3. This Bid Package Contract scope of work includes preparatory work and the furnish and installation of the following Related Technical Specifications, as it relates to this bid packages Basic Scope of Work
  - Related Technical Specifications:
    - 031000 – CONCRETE FORMING AND ACCESORIES
    - 032000 – CONCRETE REINFORCING
    - 033000 – CAST-IN-PLACE CONCRETE
    - 087100 – DOOR HARDWARE
- C. SPECIFIC SCOPE OF WORK PROVISIONS:
  1. Decorative Tube Steel Fencing: This Bid Package is responsible for the modification to existing and supply and installation of new tube steel fencing and gates, including all excavations for footings, reinforcement, concrete and hardware.
- D. GENERAL REQUIREMENTS AND PROVISIONS:
  1. This Bid Package shall be responsible for all of the General Scope of Work and Provisions required

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within Specification Section 01101000. The General Scope of Work and Provisions are applicable to all Bid Packages as it relates to their specific scope of work, unless noted otherwise or identified within this Bid Packages Specific Summary of Work. In case of conflict between Specification 01101000 and this Section, the most stringent shall apply.

E. SCHEDULING, SEQUENCING AND MOBILIZATIONS:

1. Schedule: Refer to Construction Manager's Bid Schedule and associated attachments for project duration, phasing, general sequence of activities and completion dates. Each Prime Contractor is responsible for reviewing and submitting comments/input to the Bid Schedule and attending Baseline Schedule Review Meetings with all trades to develop and finalize the Baseline Schedule as well as provide Monthly Schedule Updates. Refer to Specification Section 01 32 13 – Master Construction Schedule for specific schedule requirements.

F. ALLOWANCES:

1. The CONTRACTOR shall include an Owner Controlled Allowance amount within the base bid of the contract equivalent to the amount specified in Specification Section 01 21 00.

END OF SECTION

# Carl E. Gilbert Elementary School

Trailer

New Building

BMP  
Exit

Facilities

Entrance

