

# Olympia Transit Center Expansion



## GCCM Bid Manual

**OWNER:**  
Intercity Transit

**LOCATION:**  
222 State Ave NE  
Olympia, WA 98501

**ARCHITECT:**  
SRG Partnership

**Owner's Representative:**  
Department of Enterprise Services

**Version:**  
July 30th, 2018

**GRAHAM**  
411 1st Ave South #620 Seattle WA 98104 206.729.8844

# Table of Contents

Bid Package:	Description:	Page No.
	Project Summary	1
	Bid Schedule	2
	Bid Information	3
	Bid Package Responsibility Matrix	4
	Bid Forms	
	Bidding Responsibility Criteria	9
	General Inclusions	11
	Project Specific Requirements	14
4.1	Masonry	16
6.1*	Structural Concrete, Carpentry & Steel	17
7.1	Metal Siding, Metal Flashings & Trim	21
7.2	Roofing	22
8.1	Windows, Glass & Glazing	23
8.2*	Doors, Frames & Hardware- Complete	24
9.1	GWB & Sound Batt Insulation	25
9.2	Acoustical Ceilings and Ceiling Treatments	27
9.3	Paint and Wall Coverings	28
9.4	Ceramic Tiling & Floor Coverings	29
10.1*	Misc. Specialties	30
12.1	Casework and Finish Carpentry	31
14.1	Elevator	32
21.0	Fire Protection- Complete	33
22.0	Mechanical- Complete	34
26.0	Electrical- Complete	35
31.1	Earthwork & Utilities- Complete	37
32.1	Landscaping- Complete	39
32.2*	Concrete Paving & Curbs	40

\* indicates bid packages Graham intends to bid on

# Project Summary

## Description:

Intercity Transit is building an expansion to the existing transit center in downtown Olympia. The project will be built on the vacant lot to the north of the existing structure. The site is bordered on the north by Olympia Avenue and on the east by Franklin Street. The project adds a new bus lane positioned to optimize the bus movements in and out of the site, without crossing traffic flow. The new bus lane will accommodate 3 busses.

The structure is a 2-story, 11,500 square foot, hybrid steel and wood framed. It is clad with masonry veneer and aluminum curtain wall. The first floor consists of ticket and informational areas to support transit customers, a public lobby and a board room. The second floor is a mix of open office, conference rooms, support spaces and the operators break room. The second floor overhangs the first to create covered waiting areas below for riders.

## Duration/Schedule:

The project is being managed by Graham Construction as the GCCM and will be bid and constructed in a single phase. The overall contractual duration is 12 months. The CPM schedule is included for reference for bidders. This is a baseline schedule and represents Graham's initial sequencing and logic. Once sub-contractors have been contracted, some deviations and re-sequencing of the work may occur in order to better sequence the work. Bidders are advised to consider the baseline schedule as part of their bid and not rely on significant re-sequencing assumptions made during bidding.

## Liquidated Damages:

Liquidated Damages are \$1,500 per day.

## Bonding & Bidding Guidance:

The following is a list of items which is intended to help ensure you have a responsive bid. Please contact Graham directly with an questions, comments or coordination issues related the bidding process and/or scope of work to be bid.

1. Fill out the Official Bid Form located on [bxwa.com](http://bxwa.com) and in this bid manual. Fill out all line items.
2. Sign bid form
3. Acknowledge addenda on bid form. Monitor BXWA for addenda issuance and dates.
4. Fill out costs for alternates on bid form. If alternate does not apply to your bid package please write "Not Applicable" or "NA"
5. Obtain a bid bond on Bid Packages over \$300,000. Sign bid bond and turn in with bid form in a sealed envelope. The bond form shall be an AIA 310 or equivalent. Bonds should be payable to Graham Construction & Management Inc. Note that a performance and payment bond for 100% of the bid amount will be required, at subcontractors expense if contract is awarded. Include this cost in your base bid amount at time of bid submission.
6. Make sure you have the bid form and bid bond in an envelope and deliver to the bid location no later than the specified bid time for each individual package.
7. Modification or exclusions on bid form are not allowed. No attachments to the bid form are allowed. If modifications are made, your bid may be considered non-responsive.
8. Due to Federal Transit Authority (FTA) grants, all permanently installed materials need to comply with the Buy America Act. [www.transit.dot.gov/nuyamerica](http://www.transit.dot.gov/nuyamerica)

# Bid- Schedule

## Phase 1 Bidding: Bidding August 22nd, 2018 @ 3:00pm

4.1	Masonry
6.1*	Structural Concrete, Carpentry & Steel
14.1*	Elevator
21.0	Fire Protection Complete
22.0	Mechanical Complete
26.0	Electrical Complete
31.1	Earthwork & Utilities Complete
32.1	Landscaping Complete

## Phase 2 Bidding: Bidding August 30th, 2018 @ 3:00pm

7.1	Metal Siding, Metal Flashings & Trim
7.2	Roofing
8.1	Windows, Glass & Glazing
8.2*	Doors, Frames & Hardware Complete
9.1	GWB & Sound Batt Insulation
9.2	Acoustical Ceilings and Ceiling Treatments
9.3	Paint and Wall Coverings
9.4	Ceramic Tiling & Floor Coverings
10.1*	Misc. Specialties
12.1	Casework and Finish Carpentry
32.2*	Concrete Paving & Curbs

\* indicates bid packages Graham intends to bid on

# Bid- Information:

**Bid Location:**

Bids will be received and opened at 1500 Jefferson, Olympia, WA 98501. This is the main office for the Department of Enterprise Services, Intercity Transit’s Owner’s Representative. Parking lot on site is limited. Bidders are encouraged to find street parking and arrive early.

**Bid Time:**

Bids are due at 3:00pm at the location listed above. Official bid clock will be identified and visible inside the building. Do not rely on cell phone clocks to be synchronized with the official bid clock.

**Plan Information:**

The bid documents are posted on the Builders Exchange online plan center under Graham Contracting Ltd.- Seattle Office.  
[www.bxwa.com/bxwa\\_toc/private/544/toc.html](http://www.bxwa.com/bxwa_toc/private/544/toc.html)

Bid documents are also available for viewing at our office: 411 1st ave S. #620, Seattle, WA 98104.

**Direct All Questions To:**

Chris Colley Graham Construction  
Phone: 206.915.0904                      email: [chriscol@grahamus.com](mailto:chriscol@grahamus.com)

Questions submitted in writing will be answered via addendum.

**Sealed Bids:**

Sealed bids must be submitted on the Graham Official Bid Form found in this manual. The bid form must be fully filled out, signed and in a sealed envelope.

Envelope must be labeled clearly with the following information:

Project Name:            Olympia Transit Center Expansion  
Bid Package:            <Insert appropriate bid package name & number>

GCCM:                    Graham Construction & Management Inc.  
                                 411 1st ave S. #620  
                                 Seattle, WA 98104

# Bid Package Responsibility Matrix

This matrix mirrors the project specifications and provides an overall view of which bid package or packages are responsible for each section. Individual bid package descriptions will be created to capture more specific inclusions, exclusions, alternates and unit costs that may be requested or required. The intent of this matrix is to provide a quick reference indicating how scopes of work are defined between bid packages.

Bid Package	Spec	Description
	<b>ALL Division 00</b>	<b>BIDDING AND CONTRACTING REQUIREMENTS</b>
	<b>Division 01</b>	<b>GENERAL REQUIREMENTS</b>
ALL	01 11 00	Summary of Work
ALL	01 23 00	Alternates
ALL	01 31 00	Project Coordination
ALL	01 31 19	Project Meetings
ALL	01 32 13	Scheduling Work
ALL	01 33 00	Submittals
ALL	01 35 35	Construction Indoor Air Quality
ALL	01 35 45	Hazardous & Contaminated Substance Safety Program
ALL	01 42 00	References
ALL	01 45 00	Quality Assurance
ALL	01 50 00	Temporarily Facilities & Controls
ALL	01 57 13	Erosion & Sediment Control
ALL	01 57 24	Temporary Site Water Discharge
ALL	01 60 00	Product Requirements
ALL	<b>01 61 00</b>	<b>Buy America Requirements</b>
ALL	01 71 23	Field Engineering
ALL	01 73 29	Cutting & Patching
ALL	01 74 19	Resource Recovery & Recycling
ALL	01 77 00	Closeout Procedures
ALL	01 91 13	General Commissioning
	<b>Division 02</b>	<b>EXISTING CONDITIONS</b>
31.1	02 41 00	Demolition
31.1	02 61 13	Excavation and Handling of Contaminated Soils
	<b>Division 03</b>	<b>CONCRETE</b>
6.1	03 20 00	Concrete Reinforcing
6.1	03 30 00	Cast In-place Concrete & Concrete Topping
32.2	03 30 01	Concrete Curb Gutter & Sidewalks
6.1	03 35 00	Concrete Finishing
32.1	03 45 00	Precast Architectural Concrete
	<b>Division 04</b>	<b>MASONRY</b>
4.1	04 21 00	Brick Masonry
4.1	04 22 00	Concrete Unit Masonry
	<b>Division 05</b>	<b>METALS</b>
6.1	05 12 00	Structural Steel
6.1	05 50 00	Metal Fabrications
6.1	05 51 00	Metal Stairs
6.1	05 51 15	Prefabricated Steel Stairs & Railings
6.1, 7.1	05 52 00	Metal Railings

	<b>DIVISION 06</b>	<b>WOOD, PLASTICS AND COMPOSITES</b>
	6.1 06 10 00	Rough Carpentry
	6.1 06 17 33	Wood I-Joists
	6.1 06 17 36	Metal-Web Wood Joists
	6.1 06 18 00	Glue-Laminated Construction
	12.1 06 40 00	Architectural Woodwork
	<b>DIVISION 07</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
	6.1 07 13 00	Subgrade Waterproofing
	9.3 07 19 00	Water Repellents
	6.1, 9.1 07 21 00	Thermal Insulation
	6.1 07 25 13	Weather Resistive Air Barrier
	6.1, 9.1 07 26 00	Vapor Barrier
	7.1 07 42 00	Metal Wall & Roof Panels
	6.1 07 46 43	Cement Board Panels
	7.2 07 54 00	Thermoplastic Roofing
	7.1, 7.2 07 62 00	Sheet Metal Flashing
	7.2 07 72 00	Roof Accessories
	ALL 07 84 00	Firestopping
	ALL 07 92 00	Joint Sealants
	<b>DIVISION 08</b>	<b>OPENINGS</b>
	8.2 08 11 00	Metal Doors and Frames
	8.2 08 14 00	Wood Doors
	6.1,21.0,22.0,26.0 08 31 00	Access Doors
	8.1 08 44 00	Aluminum Fenestration Assemblies
	8.1 08 63 00	Aluminum Skylights
	8.2 08 71 00	Door Hardware
	8.1 08 81 00	Glass Glazing
	<b>DIVISION 09</b>	<b>FINISHES</b>
	9.1 09 21 00	Gypsum Board
	9.1 09 21 16	Shaft Wall Assemblies
	9.1 09 22 16	Non-Structural Metal Framing Assemblies
	9.4 09 30 13	Ceramic Tiling
	9.2 09 51 00	Acoustic Panel Ceilings
	9.4 09 65 00	Resilient Flooring
	9.4 09 68 13	Modular Carpeting
	9.1 09 81 00	Acoustical Insulation
	9.3 09 90 00	Painting
	<b>DIVISION 10</b>	<b>SPECIALTIES</b>
	10.1 10 21 13	Toilet Compartments
	10.1 10 22 23	Operable Partitions
	10.1 10 28 13	Toilet Accessories
	10.1 10 44 00	Fire Extinguishers and Cabinets
	<b>DIVISION 12</b>	<b>FURNISHINGS</b>
	10.1 12 24 13	Roller Cloth Window Shades
	6.1, 10.1, 32.2 12 93 00	Site Furnishings
	<b>DIVISION 14</b>	<b>CONVEYING SYSTEMS</b>
	14.1 14 24 00	Hydraulic Elevator

	<b>DIVISION 21</b>	<b>FIRE SUPPRESSION</b>
21.0	21 00 00	Fire Sprinkler Basis of Design
	<b>DIVISION 22</b>	<b>PLUMBING</b>
22.0	22 05 00	Common Work Results Plumbing
22.0	22 07 00	Plumbing Insulation
22.0	22 08 00	Commissioning of Plumbing Systems
22.0	22 10 01	Supports, Vibration & Seismic Control for Plumbing
22.0	22 11 00	Facility Water Distribution Systems
22.0	22 13 00	Facility Sanitary & Storm Systems
22.0	22 30 00	Plumbing Equipment
22.0	22 40 00	Plumbing Fixtures
	<b>DIVISION 23</b>	<b>HEATING, VENTILATING AND AIR CONDITIONING</b>
22.0	23 00 01	PE Stamp Division 23 Specifications
22.0	23 05 00	Common Work Results for HVAC
22.0	23 05 05	HVAC Basis of Design Narrative
22.0	23 05 13	Common Motor Requirements for HVAC Equipment
22.0	23 05 29	Hangers & Supports for HVAC Piping & Equipment
22.0	23 05 48	Vibration Control of HVAC Piping & Equipment
22.0	23 05 53	Identification for HVAC Piping & Equipment
22.0	23 05 93	Testing, Adjusting & Balancing for HVAC
22.0	23 07 00	HVAC Insulation
22.0	23 08 00	Commissioning of HVAC
22.0	23 09 00	Instrumentation & Control for HVAC
22.0	23 09 01	Description of Operations for HVAC
22.0	23 23 00	Refrigerant Piping
22.0	23 31 00	HVAC Duct Accessories
22.0	23 33 00	Air Duct Accessories
22.0	23 34 00	HVAC Fans
22.0	23 37 00	Air Outlets & Inlets
22.0	23 80 07	Energy Recovery Ventilator
22.0	23 81 26	Split System Heat Pumps
22.0	23 81 30	Variable Refrigerant Flow Systems
	<b>DIVISION 26</b>	<b>ELECTRICAL</b>
26.0	26 05 00	General Electrical Provisions
26.0	26 05 19	Conductors & Cables
26.0	26 05 26	Grounding & Bonding
26.0	26 05 29	Hangers & Supports
26.0	26 05 30	Vibration & Seismic Controls
26.0	26 05 34	Raceways & Boxes
26.0	26 05 74	Overcurrent Protective Device Coordination
26.0	26 08 00	Commissioning of Electrical Systems
26.0	26 09 23	Lighting Control Devices
26.0	26 14 00	Wiring Devices
26.0	26 24 13	Switchboards
26.0	26 24 16	Panelboards
26.0	26 28 13	Fuses
26.0	26 28 19	Enclosed Switches & Circuit Breakers
26.0	26 28 25	Enclosed Controllers
26.0	26 51 00	Interior Lighting
26.0	26 51 00A	Appendix: Lighting Cut Sheets
26.0	26 56 00	Exterior Lighting



	<b>DIVISION 27</b>	<b>COMMUNICATIONS</b>
26.0	27 05 50	Communications Equipment Room Fittings
26.0	27 05 60	Communications Backbone Cabling
26.0	27 05 70	Communications Horizontal Cabling
	<b>DIVISION 28</b>	<b>ELECTRONIC SAFETY AND SECURITY</b>
26.0	28 31 00	Fire Detection & Alarm System
	<b>DIVISION 31</b>	<b>EARTHWORK</b>
31.1	31 00 00	Earthwork
31.1	31 10 00	Clearing & Grubbing
31.1	31 56 39	Tree and Plant Protection
	<b>DIVISION 32</b>	<b>EXTERIOR IMPROVEMENTS</b>
31.1	32 11 23	Base Course
31.1, 32.2	32 13 13	Concrete Paving
31.1, 32.2	32 13 20	Site Concrete Finishes
32.1	32 14 00	Unit Paving
31.1, 32.2	32 17 23	Pavement Markings
32.1	32 84 00	Irrigation
32.1	32 91 15	Soil Preparation
32.1	32 93 00	Plants
	<b>DIVISION 33</b>	<b>UTILITIES</b>
31.1	33 14 16	Site Water Utility Distribution Piping
31.1	33 31 13	Site Sanitary Sewer Gravity Piping
31.1	33 42 11	Stormwater Gravity Piping
31.1	33 42 12	Sub-Drainage



# Official Bid Form Olympia Transit Center Expansion

Intercity Transit | Olympia Transit Center Expansion | Official Bid Form

Bids Delivered To: Department of Enterprise Services  
1500 Jefferson  
Olympia, WA 98501

Bid Date: See Invitation to Bid

Bids Due: See Invitation to Bid, Base Bids and All Alternate Pricing Due at 3:00 PM. All pages of this bid form must be turned in.

Bid Package Number:

\_\_\_\_\_  
Clearly write the name of the bid package on this line (example, BP-9.3 Paint & Wall Coverings)

Bidder's Company Name:

\_\_\_\_\_  
Clearly write legal name of company submitting the bid on this line (example, Graham Construction)

Lump Sum Base Bid

Total Base Bid: Note, sales tax shall NOT be included in any base bid, unit pricing, or alternate pricing.

\$ \_\_\_\_\_ Dollars

Total Base Bid Written Amount

\_\_\_\_\_  
\_\_\_\_\_00/100 dollars

Bid Retention: The undersigned agrees to hold the BASE bid valid for a period of sixty (60) days. The cost of alternates as described below shall be valid for a period of ninety (90) days.

Receipt of the following Addenda is acknowledged:

Addendum Number \_\_\_\_\_ Date: \_\_\_\_\_

Addendum Number \_\_\_\_\_ Date: \_\_\_\_\_



# Official Bid Form Olympia Transit Center Expansion

Intercity Transit | Olympia Transit Center Expansion | Official Bid Form

**Performance and Payment Bond:** required on all bid amounts over **\$200,000**. Costs are to be included in the base bid amount.

**Bid Bond:** A Bid Bond/cashier's check is required in the amount of 5% of the bid amount on bids **\$300,000** and over. Make bond/check payable to Graham Construction & Management.

**Notification:** If bid is accepted, the undersigned will, within seven (7) days after award of Subcontract execute and return the signed Subcontract Agreement, Payment and Performance Bonds as specified, and a Certificate of Insurance with the correct amounts as specified.

**Contractor Registration:** All bidders must be registered by the Washington State Department of Labor and Industries in accordance with RCW 18.27.020

Bidder certified that in accordance with RCW 39.12 and RCW 49.18 workers will be paid not less than the Prevailing Wage Rates for Public Works Contracts and/or Davis Bacon wage rates that are in effect on the date of the bid opening. In the event there is a wage rate increases during the duration of construction, that amount is not compensable. Bidder will be required to show compliance with both Prevailing Wage and Davis Bacon rates with each certified payroll submittal.

**No modifications, qualifications, exclusions and/or clarifications to the scope of work may be made to the bid or bid form. Failure to comply with these requirements will be grounds for a bid to be declared non-responsive.** Graham Construction and the Owner, reserve the right to accept or reject any or all bids and to waive any informalities or non-material irregularities in the bid received, if it is in the best interest of the project.

The undersigned acknowledges to have carefully reviewed, and/or, understand the scope of work and requirements under the contract Documents, the Special and General Conditions, and other documents as may be identified, and the complete scope of work as required under the Bid Package and per the entirety of the Contract Documents. The undersigned further acknowledges to have been provided the opportunity to physically assess the project site and understands and affirms the bid entered herein shall be complete and just compensation for the work described and required under the terms of the Contract Documents.

Name of Firm: \_\_\_\_\_ Date: \_\_\_\_\_

Signed By: \_\_\_\_\_

Capacity: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax or Email: \_\_\_\_\_

State of Washington Contractor's License No. \_\_\_\_\_

Federal Tax ID No. \_\_\_\_\_

State of Washington UBI No. \_\_\_\_\_

If a Corporation, provide State of Incorporation. If a Partnership, provide full names and addressed of all parties below:

\_\_\_\_\_

Signature of Officer of Bidding Firm \_\_\_\_\_

# Bidding Responsibility Criteria

To be eligible for a trade contract the bidder must meet the requirements of the Responsiveness and Responsibility criteria listed below.

- 1.** The GCCM will evaluate bid responsiveness to the solicitation. The GCCM may reject all bids and may waive minor irregularities in bids received. GCCM's decision is final. A Tradecontractor's bid will be considered responsive if it is submitted in compliance with the documents including but not limited to:
  - A) Received at the designated time and place
  - B) Submitted on the proper form, without alteration, addition or qualification
  - C) Includes a bid guarantee is the Bid Amount if the bid is in excess of three hundred thousand dollars (\$300,000). An acceptable bid guarantee is a surety bond (Bid Bond), cashier's check or certified check in an amount equal to five percent (5%) of the Total (Bids under \$300,000 do not require any bid guarantee or Bid Bond).
  - D) Includes full scope of work as defined on the Bid Form
- 2.** Have a current certificate of registration in compliance with chapter 18.27 RCW, which must have been in effect at the time of subcontract bid submittal;
- 3.** Have a current Washington Unified Business Identifier (UBI) number;
- 4.** Have Industrial Insurance (Workers' Compensation) coverage for the subcontractor's employees working in Washington, as required, in Title 51 RCW;
- 5.** A Washington Employment Security Departments number, as required in Title 50 RCW;
- 6.** A Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW; and
- 7.** Not to be disqualified from bidding on any contract under RCW 39.06.010 or 39.12.065 (3).
- 8.** If bidding on a public works project subject to the apprenticeship utilization requirements in RCW 39.04.320, not have been found out of compliance by the Washington State Apprenticeship and Training Council for working apprentices out of ratio, without supervision or outside their approved work processes as outline in their standards of apprenticeship under chapter 49.04 RCW for the one-year period immediately preceding the date Final Proposals were due to the Owner in response to the Owner's Request for Final Proposals.
- 9.** The firm has not been determined by a final and binding citation and notice of assessment issued by the Washington State Department of Labor and Industries or through a civil judgement entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of RCW chapters 49.46, 49.48 or 49.52 within (3) three years prior to the date of the bid date.
- 10.** In determining a responsible bidder, the Owner and GCCM may consider the following in addition to price.
  - A) The ability, capacity, and skill of the bidder to perform the contract;
  - B) The experience of the bidder based upon previously completed similar projects;
  - C) Whether the bidder can perform the contract with in the specified time;
  - D) The quality of the bidder based upon performance of previous contracts;
  - E) The previous and existing compliance by the bidder with laws relating to the contract;
  - F) The safety record of the bidder
  - G) Any preferences allowed by law and such other information as may be secured having a bearing on the decision to award the trade contract
  - H) Valid City of Olympia Business License
- 11.** At the time of subcontract execution, Subcontractor shall verify that any and all tier subcontractors meet the following criteria:
  - A) Current registration as a contractor per Chapter 18.27 RCW. This registration will have been in effect at the time of bidding.
  - B) Current Washington Unified Business Identifier (UBI) number
  - C) Have appropriate Workers Compensation Insurance coverage as required in Title 51 RCW
  - D) Washington Employment Security Department number, as required by Title 50 RCW
  - E) Washington Department of Revenue state excise tax registration number, as required by Title 82 RCW
  - F) An Electrical or Elevator contractor license if required by Chapter 19.28 RCW or 70.87 RCW respectively.
  - G) Not be disqualified from bidding public works contracts under RCW 39.06.010 or 39.12.065 (3)
  - H) Not have violated more than one time the offsite, prefabricated, non-standard, project specific items reporting requirements of RCW 39.04.370
  - I) Maintained compliance with the Washington State Apprenticeship and Training Council's ratios, supervision and approved work processes.

**12.** Tradecontractor makes the following representations:

- A) Tradecontractor has examined and carefully studied the Contract Documents (including the Addenda) and the other related data identified in the Construction Documents.
- B) Tradecontractor has visited the Site and has become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, performance or furnishing of the Work.
- C) Tradecontractor is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress, performance or furnishing of the Work.
- D) Tradecontractor has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (including surface, subsurface, and underground facilities) at or contiguous to the Site which may affect cost, progress or performance of the Work or which relate or may relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Subcontractor (including its Subcontractors and Suppliers), including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Contract Documents and this Agreement to be employed by Tradecontractor and safety precautions and programs incident thereto.
- E) Tradecontractor does not consider that any additional examinations, investigations, explorations, tests, studies, or data are necessary for the performance and furnishing of the Work for the Contract Price, within the Contract Time, and in accordance with the other terms and conditions of the Contract Documents and this Agreement.
- F) Tradecontractor has correlated the information known to Subcontractor, including information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies and data, with the Contract Documents.
- G) Tradecontractor shall bind itself to the provisions of the Agreement between the GCCM and the Owner. Subcontractor shall comply with all procurement requirements upon which GCCM is bound.
- H) The Contract Documents and this Agreement are generally sufficient to indicate and convey the understanding of all terms and conditions for performance and furnishing of the Work.
- I) Carefully determined the quantity of its Work, the cost of performing such Work, and carefully applied its own prices to its quantities.
- J) Acquainted itself as to the plan, labor and material required for its Work and warrants that such plan; labor and material are available to it.
- K) Ascertained the general and local conditions involved in performing its Work, including but not restricted to, those bearing upon location of the Work, accessibility and character of the site, quality and quantity of surface and subsurface water, materials, or obstacles to be encountered, the character and extent of existing work within or adjacent thereto, other work being performed thereto, transportation, disposal, handling and storage of materials, availability of labor, labor scales, and likelihood of increase, if any, location and availability of utilities and access roads, the character of equipment and facilities needed for the prosecution of the Work, uncertainties of weather or physical conditions at the site, and all other matters which can in any way affect the Work or the cost thereof under this Trade Contract Agreement.
- L) Verified all information furnished by the GCCM or others and is satisfied with the correctness and accuracy of that information.
- M) Any failure of Tradecontractor to acquaint itself with all the information concerning the items listed above and any other items or conditions that would affect performance or cost will not relieve it from responsibility for estimating properly the difficulty or cost of successfully performing the work. Tradecontractor shall include all costs associated with performing its work and will not have a right to claim any additional costs or time associated with omissions in its estimate and/or bid.

# General Inclusions

**1. Safety Expectations:** Graham's goal is for zero incidents to occur on our job sites. In order to support that goal, Graham has a continually evolving safety plan that is inclusive of all people on our job. The following are highlights of our safety absolutes and give a general idea of what our safety procedures are.

- A) Personal Protective Equipment (PPE) will be worn by all people at all times while on the job site. This includes: safety glasses, hard hat, task specific gloves, safety footwear, shirts and pants, no tank tops or shorts, high visibility vest. Face shields are required for all tasks with the potential for flying debris. Hearing protection is required when noise exceeds 85dBA and when working around heavy equipment.
- B) On site crew shall attend weekly safety meetings led by the GCCM. Prior to beginning work on site for the first time, each crew member will complete a 30 min. site orientation led by the GCCM.
- C) All Tradecontractor on-site supervision to have current CPR and First Aid training.
- D) Fall protection plans and protection systems are required for work above 10'. When working in man-lifts, all employees must be tied off 100% of the time.
- E) All power tools and electrical extension cords must be in good working order. Tools and cords shall be inspected prior to work each day, with any damaged equipment being 'red-tag' and set aside until it is repaired to like new or is removed from the site.
- F) On-site cutting & welding of steel requires, at a minimum, appropriate goggles and/or face shields, protective leathers for protection against slag and sparks and welding screens to protect other employees and the public.
- G) Any use of cranes, rigging and/or use of slings will be done by certified, qualified and trained employees. Sub-contractors are responsible for providing certified equipment and pick-plans to the GCCM for review and approval prior to any hoisting on-site. Material shall never be hoisted over employees or into the public ROW.
- H) Ladders must be inspected prior to us on site. Any damaged ladders must be removed from the site. Extension ladders must be secured at the top and bottom and extend no less than 3' above the landing surface.

## 2. Schedule:

- A) The Project Schedule is of utmost importance on this project and integral to the Contract. To achieve the required completion dates, Tradecontractor must perform its work within the designated time frames. Carefully review the Project Schedule included as part of the bid solicitation. If it is necessary to provide multiple crews and adequate manpower, overtime, supervision, and equipment to complete your work to meet this schedule, these additional requirements will be considered part of your bid. Submission of this bid proposal is evidence that the required materials, manpower, and resources are available to complete the work per the Project Schedule.
- B) Project CPM schedule, including updates and modifications to the CPM is incorporated as part of this agreement. Damages could be accessed per the contract documents for failure to meet schedule requirements.
- C) All Tradecontractors will be required to develop, update, and integrate a total project schedule and three week (look ahead) short interval schedules to fit into the project milestones and coordination objectives with all Tradecontractors. Short interval schedules will be updated and provided to GCCM weekly.
- D) The Tradecontractor specifically agrees to alert the GCCM to situations or circumstances that could delay work or give cause for claims for time extension and/or additional cost prior to their occurrence and no later than as detailed in the Contract Documents.
- E) Should a Subcontractor cause delay to the approved GCCM Construction Schedule and contribute in the failure to achieve Substantial Completion, Tradecontractor shall pay \$2,000.00 per day in liquidated damages for each and every calendar day from the date when Substantial Completion should have been achieved to the date Substantial Completion is effectively achieved.
- F) The Tradecontractor specifically agrees to perform any premium time or shift work necessary to maintain the construction schedule unless the delay is solely caused by others. All premium time must be conducted during the work week or on Saturday. Sunday work will only be permitted if the Tradecontractor has worked premium time during the previous work week and the previous Saturday. Each Tradecontractor is responsible for providing supervision during premium hours for their subcontractors.
- G) During periods of on site, the Tradecontractor shall have an a supervisor on site who has full authority to make decisions on behalf of the tradecontractor regarding schedule issues and is capable of coordinating with other trades.

**3. Site Logistics & Temporary Utilities:** Please reference the logistics plan for haul routes, laydown area, construction site fencing, etc. Specifically note the following provisions provided by the GCCM for sub-contractor use:

- A) Due to limited laydown and staging area on site, a remote site has been rented by the GCCM for the duration of the project. Location is approximately 2 blocks away. See logistics plan for exact location relative to the construction site. Sub-contractors are responsible for securing material and equipment at this location. GCCM takes no responsibility for safety/security. Site will be fully fenced. Tradecontractor specifically agrees to schedule and coordinate with Graham, all delivery requirements for its materials, tools, temporary facilities and equipment at least 72 hours in advance. Tradecontractor to coordinate its deliveries so as to fit within the structures and/or building's planned openings. Any modifications to equipment, material or the enclosure in order to fit equipment and material inside the building, will be the sole responsibility of the tradecontractor. Each tradecontractor is to assume coordination of deliveries on an as needed or just in time basis. Each tradecontractor will be responsible for relocation of stocked or stored material.
- B) Temporary power service will be provided by the GCCM through the facility and terminated at spider boxes. All sub-contractors shall provide their own extension cords for tools and further provide their own task lighting as needed to complete its own scope of work. General site lighting will be provided by the GCCM.
- C) Scaffolding: A scaffold for the south facade of the building (abutting the existing bus driveway) will be provided by the GCCM at no-cost to the sub-contractors. Site constraints are such that the existing bus driveway must be kept operational at all times. Loading of materials will need to occur from the sides of the scaffold. See logistics plan.
- D) Sub-contractor to provide all cranes, scaffolds (aside from what is described in C. above.), lifts, etc. required, including all equipment, rigging, operators, permits, certifications, lift plans, fuel, work pads, etc. The GCCM will provide (1) forklift on site for general off-loading deliveries. All materials requiring this hoisting shall be properly loaded, palletized and shipped to facilitate efficient unloading on site.
- E) The GCCM will provide its own field office and telecommunications for its exclusive use. Tradecontractors shall provide their own field office and/or crew shacks, electrical, telephone, offices supplies, etc. for their own exclusive use. These facilities shall be located and relocated as deemed necessary and at the direction of the GCCM at the tradecontractor's expense. On site space for these facilities shall be coordinated with the GCCM and are not guaranteed. Given the limited site available, tradecontractors shall assume a combination field office and crew shack and not (2) separate facilities. Costs associated with any temporary utilities required or needed are the responsibility of the tradecontractor. Temporary toilets during construction will be provided by the GCCM.
- F) Graham will make best efforts to maintain an ambient air temperature above 55 F within the building once the exterior enclosure is installed. If subcontractor's work requires climate conditions beyond what is provided, they shall inform the GCCM of those requirements and timing of when those requirements are necessary. Subcontractor specifically agrees to provide its own supplemental heating and/or cooling if required.

**4. General Cleanup/Housekeeping:** Graham's intent is for all employees to be responsible in maintaining work areas that are clean, free of clutter and that materials and tools be stacked in an orderly fashion at the end of each shift. This leads to a safer work environment and a higher level of quality. With this in mind, Graham will ensure the following procedures for general cleanup and housekeeping on this job site:

- A) Subcontractor shall provide labor, equipment and materials to facilitate continuous cleanup daily. Include adequate brooms, sweeping compound and mobile waste receptacles to support the work activities and crew sizes.
- B) All trash and debris to be deposited daily in the designated dumpsters provided by the GCCM. Construction co-mingled dumpsters will be provided to all trades except as noted below. Dumpsters will be provided for general construction debris only and only debris generated on site.
- C) Tradecontractor for **Bid Package 9.1**, shall provide their own dumpster for their scope of work. Location and size of dumpster to be approved by the GCCM prior to mobilizing on site.
- D) If provided or required, Tradecontractor shall segregate waste into specific recycle dumpsters for items such as metal, wood, concrete, etc.

E) Any and all hazardous debris must be removed from the site and disposed of per the local authority having jurisdiction, the specifications of this project or other governmental requirements, whichever is most stringent.

F) Should any subcontractor fail to comply, Graham shall perform the required clean up with their labor and back charge the subcontractor.

**5. General Coordination of the Work:** All parties agree to coordinate the work of this agreement with the work of others in order to complete the project within the stated contract time. No subcontractor should assume exclusive use of work spaces at anytime. Each subcontractor agrees to accept full responsibility for the intermeshing, coordination and acceptance of its deviations and substitutions and is responsible to coordinate the various stages of work with other parties on site; including, but not limited to other subcontractors, suppliers, the GCCM and the Owner.

In addition, Tradecontractor agrees to the following:

A) Tradecontractor agrees to attend the GCCM's weekly coordination/foreman's meetings for the duration that Tradecontractor is on site. This includes the 2 weeks prior to mobilization and until all punch-list and closeout items on site are complete.

B) Site Investigations: The Tradecontractor acknowledges it has taken steps to familiarize itself with the nature and location of the work. That it has investigated the general and local conditions which can affect the work or the cost of the work, including, but not limited to:

- i. Conditions of transportation, disposal, handling and storage of materials
- ii. The character of equipment and facilities needed to complete their scope of work and how to mobilize those to and from the site.

C) Coordination with outside inspection, required by the City and/or owner.

D) Erosion Control will be executed per the Construction Storm Water Pollution Prevention Plan (SWPPP). While the Civil Contractor and the GCCM are primarily responsible for this implementation, it is incumbent on all sub-contractors to be aware of the plan and support it's execution and implementations.

E) Sleeves & Embeds: Tradecontractor agrees to provide coordination drawings, layout, supply and installation of all block-outs, sleeves and embeds required for their work in a timely fashion in order to not disrupt the current CPM schedule. Locations of sleeves and block outs may required the approval of the Structural Engineer or GCCM.

F) In Place Work Discrepancies: All Tradecontractors shall review the critical dimensions and elevations of its work and verify the previous work completed by others is acceptable. Upon noting discrepancies or unacceptable conditions, Tradecontractor will promptly notify the GCCM in writing. Do not attach to or cover any material which is not properly furnished and/or installed. Tradecontractors that do not follow that rule, will assume responsibility for any and all repair or rework required by other Tradecontractors or the GCCM.

G) Tradecontractor agrees to design, engineer, furnish and install all backing, seismic supports, seismic bracing, anchors and miscellaneous metal supports, shims, or blocking required to install its work.

All attachment supports will be submitted for review and approval. Backing in the wall for casework and Division 10 - Miscellaneous Specialties will be coordinated and installed via

**Bid Package 10.1 Misc. Specialties.**

H) Each tradecontractor is responsible for taking all field measurements necessary to coordinate its work with other trades. Field measurements shall be taken in a timely manner in order to not delay the project. Additionally, tradecontractor agrees to take all required field measurements and surveys to plan, layout, stake verify and complete its work. GCCM will provide control points.

I) Standard work hours will be 7:00am to 3:30pm, Monday- Friday. Some work may be adjusted to begin earlier or later as required by the Owner and/or the GCCM. Some work, including but not limited to, major material deliveries, utility outages, system cut-overs, work in occupied spaces or public areas may require work outside of the hours listed above. Labor premiums for off-hours work will be the responsibility of the subcontractor and will not be an added expense to the GCCM or Owner. All off-hours work requires supervision.

J) Each subcontractor is responsible to have at least 1 knowledgeable employee on site for pour watch when work is embedded within concrete. Prior to a pour beginning all subcontractors will need to sign off with the GCCM that all work in that area is complete.



## Project Specific Requirements

**1. Buy America Act:** A portion of this project is funded by the Federal Transit Authority (FTA) and thus 100% of this project is subject to compliance with the Buy America Act (BAA) requirements. All material permanently installed will require a certificate of compliance from the suppliers. Specifically review specification section 01 61 00 Buy America Requirements. All submittals will need to have a copy of the Buy America compliant certificate and it is the Tradecontractor's responsibility to ensure materials delivered to the site match the approved submitted material. In the event non-compliant products are installed, the Tradecontractor responsible, will at their own cost, remove the foreign made products and replace them with compliant products. Any schedule impacts and/or impacts to other scopes of work will also be the sole responsibility of the Tradecontractor.

**2. Prevailing Wage & Davis Bacon:** Regular certified payrolls are required for this project. Given the FTA funds, Tradecontractors will need to show labor classifications for both Prevailing Wage and Davis Bacon and show they are paying the higher of the 2 wage rates. Tradecontractor is responsible for determining and paying the correct wage and including that wage rate in their bid. Graham Construction & Management is an Open Shop. We are not signatory with any trade or labor union.

**3. Business Diversity Goals:** Per Chapter 39.19 of the RCW, it is the policy of the State of Washington to provide the maximum practical opportunity for increased participation of minority and women-owned businesses (MWBE). Reference the contract documents for specific voluntary goals Each Tradecontractor shall make a reasonable effort to include MWBE participation in the course of executing the work and provide the required monthly reporting. If requested by the GCCM, tradecontractors shall provide a Schedule of Values (SOV) showing how the tradecontractor is complying with the MWBE participation goals. Tradecontractors will be required to utilize the State's B2GNow web portal.

The Washington State Office of Minority and Women's Business Enterprises (OMWBE) certifies firms that are owned and controlled by People of Color or Women and can provide information regarding the certification process. Information about the status of a particular firm can be found at the following web address or contact information:

<http://www.omwbe.wa.gov>  
 OMWBE: (360) 753-9693  
 406 South Water  
 PO BOX 41160  
 Olympia, WA 98504-4611

**4. Allowances:** GCCM may include specific allowances in the tradecontractor's bid. This will be clearly defined in both the scope of work document and the bid form. Allowance work will be tracked on a direct cost basis; actual material costs and burdened gross wages paid. Allowance costs shall include all mark-ups, including, but not limited to, profit, field overhead, home office overhead, safety, bonds and insurance. Tradecontractor shall obtain sign-off by the Superintendent on all daily reports when allowance work is being performed. Failure to do so will waive subcontractor's right to Allowance funds. Monthly, Tradecontractor's Project Manager will meet with the GCCM to substantiate billings against any Allowance sum prior to GCCM submitting their monthly pay application. In the even the total Allowance is not fully spent, any remaining funds will return the to GCCM in the form of a deductive change order to the tradecontractor's contract.

**5. Schedule of Values & Billing:** Tradecontractor shall submit via email a draft of their monthly billing by the 20th of the month. Billing should forecast cost to the end of the month. Please include any documentation for materials stored off-site if applicable. Additionally, please familiarize yourself with the State's acknowledgement of payment system. Each Tradecontractor will be required to log in monthly to record payments received from the GCCM. Prior to the first invoice, Tradecontractors and their tier Subcontractors will be required to file an intent to pay prevailing wage. As part of the final closeout, the affidavit of wages paid will also need to be filed. Administrative costs for these are to be included in the base bid.

When developing the initial Schedule of Values, please break work down by floor or area and keep single line items to a maximum of \$50,000. This will streamline the review by both the GCCM and the Owner.

In addition, please adhere to the following line items and percentages for the SOV:

- A) Mobilization- NTE 2% of the contract value. Demobilization to equal mobilization.
- B) Submittals- NTE 5% of the contract value
- C) Closeout- Not less than 4% of the contract value. This will be considered a lump sum payable once O&M manuals have been approved.

Please review any other payment provisions in Division 00 as these pass through to the Tradecontractors through the GCCM's agreement with the Owner.

**5. Retention:** Retention on this job is the standard 5%. Graham Construction & Management will not be obtaining a Retention Bond for this project. Tradecontractors will have the option of supplying a retention bond to Graham in accordance with the current State statute. Any costs incurred in obtaining a retention bond will be assumed to be included in the Tradecontractor's base bid.

**6. Warranty:** The warranty period for workmanship is one year from the date of substantial completion. There may be other terms or warranties required in excess of one year. Those would be outlined in the Contract Documents. Graham or the Owner will promptly notify the Tradecontractor of any condition discovered within the warranty period. Tradecontractor agrees to promptly correct or replace the work in question. The corrected work shall have an extended warranty of one year, starting with the date the corrected work was completed.

**7. Ethics:** All Tradecontractors and their tier subcontractors are to comply with the Ethics in Public Service Act RCW 42.52. Additionally, all employees on site will comply with WAC 478-124-020 Conduct on Campus Code. For the purposes of this project, the intent is to treat the urban nature of the site as if it were on an occupied campus. This site is in a prominent part of Downtown Olympia and has significant pedestrian presence given the proximity to the existing and fully functioning Transit Center and the adjacent buildings and uses. In the event any employee is in violation of either the code of conduct or ethics, that employee will be removed from the job site permanently. Tradecontractor will assume any costs incurred or disruption to the schedule should an employee be removed from the job site.

**8. Contract Documents:** All provisions of the contract are complimentary. Tradecontractors bidding individual bid packages are required to provide a complete scope of work, coordinated fully with adjacent work by other subcontractors. Thus requires that all subcontractors be aware of and include in needed, work that may be defined in other specification sections which are not specifically included under the scope of work.

Additionally, Tradecontractors agree to the following:

- A) Tradecontractor's responsibility to the contract documents include, but are not limited to, all costs to obtain drawings and specifications, assuring any Addenda, ASI's and other revisions are incorporated correctly and in a timely fashion.
- B) Tradecontractor shall carefully examine the plans and specifications defining its work and promptly notify the GCCM in writing of any deficiencies, discrepancies, ambiguities or errors before proceeding with work.
- C) Tradecontractor is required to review the specifications as a whole. Individual sections taken on their own may not adequately capture the responsibilities of the work.
- D) The Owner, or its authorized representatives shall be the binding and final authority on the interpretation of the plans and specifications. Any interpretation by an employee or GCCM is the mere opinion of that individual. Tradecontractors shall be bound by all interpretations of the Owner or its authorized representatives which are also binding to the GCCM.
- E) Tradecontractor shall not deviate from the plans and specifications without written consent/approval from the GCCM. All changes or requests for changes need to go through the GCCM. At no time shall a Tradecontractor engage the Owner or its authorized representative directly. Any approved substitution request, before or after bidding, does not relieve the Tradecontractor from the timely completion of all work in accordance with the contract documents. A time extension can be requested in conjunction with a substitution request, but that request can be approved or declined independent of the approval of the substitution request itself. Tradecontractor shall indemnify and hold harmless the GCCM from claims for additional cost or schedule impacts incurred by other subcontractors, the Owner, or any related party affected by a deviation or substitution.
- F) Tradecontractors shall include the higher quality and/or greater quantity of an item if a conflict is discovered in the contract documents and not clarified as part of an addendum prior to bidding. If a significant conflict is discovered, Tradecontractors are strongly encouraged to submit the conflict in writing to the GCCM to be clarified by the Architect, Engineer or Owner prior to bidding.

# Bid Package 4.1 Masonry

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
04 21 00	Brick Masonry
04 22 00	Concrete Unit Masonry
07 92 00	Joint Sealants

### Inclusions:

1. Provide fully detailed, dimensioned, and properly coordinated masonry coordination drawings of all elevations for this scope of work to GCCM.
2. Furnish and install Scaffolding for masonry use only if deemed necessary by Tradecontractor. Note scaffolding will be provided along the south elevation by the GCCM. This scaffold will be used by multiple trades working on that elevation and Tradecontractor should not assume sole use of the scaffold. Every effort will be made to ensure an efficient sequencing of work.
3. Furnish and install Joint reinforcement as required by the contract documents.
4. Supply and Install joint sealants for Masonry as required by the contract documents.
5. Place loose steel reinforcing. Rebar supplied only by BP-6.1. Successful Tradecontractor of this package to include time to review and approve CMU rebar detailing to ensure it arrives in the lengths and quantities required. Steel ledger angles will be furnished and installed by BP-6.1. Note the trash enclosure will require a separate mobilization as that needs to be built and functioning prior to demolition of the existing trash enclosure.
6. Install rigid insulation behind masonry per the contract documents. Supply of rigid insulation by others (BP 6.1).
7. Protection of adjacent finishes. Supply and install protective boards at exposed outside corners and other areas subject to damage during construction.
8. Clean the masonry after complete installation. Reference requirements of 07 19 00 Water Repellents. Water repellents will be applied by BP 9.3.
9. Separate mobilization, cleaning of efflorescence, etc is required immediately prior to sealer application by BP 9.1 subcontractor.
10. Provide weather protection for own scope of work if needed to maintain schedule.
11. Installation of gauge metal masonry flashings. (Flashing supplied by others)
12. Provide and install of any flexible masonry flashings. Including, but not limited to, counter flashing called for in the contract documents at brick tie and gauge metal flashings.
13. Caulking or sealing of control or expansion joints as well as sealant joints noted in the contract documents.

### Exclusions:

1. Supply of reinforcing bar. (BP-6.1 Structure)
2. Water repellents and/or anti-graffiti coatings (BP-9.3 Painting)
3. Supply of rigid insulation (BP-6.1 Structure)

### Alternates:

1. At new trash enclosure: provide a deductive alternate price to eliminate the brick veneer over CMU and supply and install single wythe ground face CMU. Assume standard ground face color, Mutual Materials "Charcoal" or similar.

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 6.1 Structural Concrete, Carpentry & Steel

## SCOPE OF WORK

Notice: Graham as the GCCM intends to bid this package

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
03 20 00	Concrete Reinforcing
03 30 00	Cast In-place Concrete & Concrete Topping
03 35 00	Concrete Finishing
05 12 00	Structural Steel
05 50 00	Metal Fabrications
05 51 00	Metal Stairs
05 51 15	Prefabricated Steel Stairs & Railings
05 52 00	Metal Railings
06 10 00	Rough Carpentry
06 17 33	Wood I-Joists
06 17 36	Metal-Web Wood Joists
06 18 00	Glue-Laminated Construction
07 13 00	Subgrade Waterproofing
07 19 00	Water Repellents
07 21 00	Thermal Insulation
07 25 13	Weather Resistive Air Barrier
07 26 00	Vapor Barrier (under SOG)
07 46 43	Cement Board Panels
07 84 00	Firestopping
07 92 00	Joint Sealants
08 31 00	Access Doors (for rough framing only)
12 93 00	Site Furnishings (for lean rails)

### Inclusions:

1. Pour watch to ensure the proper installation of any cast in place element installed under this subcontract.
2. Any necessary surveying/layout (control points provided by GCCM)
3. Locates as required.
4. Tradecontractor will provide full time, dedicated staff, to manage the complete scope of work included in this bid package. Coordination of layout between all trades, MEP coordination, sequencing, schedule management and quality as it relates to this bid package is required. Staff members include an on site non-working Superintendent/Foreman (one individual) and Project Manager/Engineer for the work in this bid package.
5. Furnish and install Scaffolding only if deemed necessary by Tradecontractor. Note scaffolding will be provided along the south elevation by the GCCM. This scaffold will be used by multiple trades working on that elevation and Tradecontractor should not assume sole use of the scaffold. Every effort will be made to ensure an efficient sequencing of work. If scaffolding is not used, provide snorkel, scissor lifts, or other equipment to install the work.

**Division 03**

1. Submittals & Shop Drawings for concrete formwork.
2. Accurate base plate templates for all cast in place anchors for structural steel or other attachment items to concrete. Include grouting of all baseplates once the steel has been erected.
3. Expansion joints, tooled joints & saw cutting as required at horizontal and vertical concrete walls, curbs and paving as indicated in the drawings and as required by the specifications. Also included, joint fillers or sealants for joints per the bid documents.
4. Additional edge forming/pour breaks to accommodate various structural or architectural requirements for concrete admixture differences.
5. All formwork & shoring, vapor barrier, water stops & curing
6. Taping and or vapor barrier sealing around penetrations by others in accordance with specification and manufacturers requirements.
7. Admixtures, fiber mesh etc for all concrete per specs, climate, and structural requirements.
8. Liquid floor treatments, curing materials, etc
9. Supply and install all welded wire fabric/mesh as indicated in drawings and/or as required by the specifications.
10. All finishing requirements per plans and spec's
11. Concrete and concrete pump trucks for all cubic yards placed. Tradecontractor should anticipate pumping concrete into place and not rely on tailgating to install all concrete in this bid package. Due to site and schedule constraints, GCCM cannot guarantee proximity to tailgate.
12. Supply, Receive, inventory, handle, layout and install J-bolts, hold downs, embeds, anchor bolts and inserts which cast into concrete, including coordinating this work with approved shop drawings from other trades.
13. Rebar Submittals & Shop Drawings
14. Furnish, deliver, detail (per CRSI Manual of Standard Practice) and provide labor to install all Concrete Reinforcing
15. Dobbies, chairs or other techniques to hold rebar at specified elevations within footings and slabs.
16. All rebar work to be accomplished in full compliance with W.I.S.H.A regulations and company's fall protection work plan and Accident Prevention Program.
17. Bidder shall include in the base bid, the detailing and supply ONLY, FOB Jobsite, of CMU rebar for use by BP 4.1 Trade-Contractor. Note any and all rebar dowels required to be placed within footings and foundations are included in the base bid. Also include rebar required for all concrete paving and curbs to be installed by BP-32.2.
18. Supply and install all below grade rigid insulation
19. Supply and install all bituminous damproofing and bentonite waterproofing complete
20. Mockups as indicated in specification
21. All exterior concrete stairs & ramps, including, but not limited to; forming, placing (including the cost of the concrete finishing and striping). Furnish and install aluminum stair nosing as described in the drawings as well as specification section 05 50 00.
22. Sleeving and/or knockouts if required by other trades

**Division 05**

1. Structural steel, steel rails and handrails complete, guardrails & gates noted as misc. metal fabrications (MMF) in the drawings and specified in 05 55 00 complete. Include elevator hoist beam and rails as required by the elevator manufacturer and/or called for in the contract documents. Note exterior site handrails are detailed and shown in the Landscape drawings. Include custom lean rails as shown and detailed in the Landscape drawings and specified in 12 93 00.  
At locations where handrail, lean rail, etc will be installed in concrete, include core drilling and grouting of installed handrails.
2. Supply and install all interior handrails. See various conditions on A591 for details. Careful coordination with the perforated guardrail panel system (by BP 7.1) will be required. Intent is for handrail bracket to match at perforated guardrail and wall mount conditions.
3. Supply and install (assume field welding) knifeblade brackets at interior perforated guardrail. Coordination with perforated guardrail shop drawings will be required. Coordination with BP 7.1 will be required during installation.
4. Supply and install, including all delegated design, metal stairs. Include concrete fill and finishing for stair treads. Include supply and install of all steel pipe guardrails at stairs, landings and second floor openings per the contract documents.
5. Shop coat primer or galvanized finish where required. After erection, prime all welds and surfaces that are not shop primed. Touch up all shop primer that is damaged during transportation and erection.

6. Field Welding using WABO and AWS Certified welders
7. Fire watch for welders as required
8. All fasteners & anchors, (steel to steel, steel to concrete... etc)
9. All erection will be accomplished in full compliance with DOSH., OSHA erection rules per subpart R-1923.752(e), safety regulations and company specific fall protection plan and accident prevention program.
10. Hoisting, forklift, crane, boom truck etc as required for complete assembly of all scope of work in this package.

#### **Division 06**

1. Weather protection for moisture sensitive products as part of this package. Visqueen or tarps to protect roof sheathing until such time roofing Tradecontractor has installed enough permanent work to protect the wood sheathing.
2. Moisture meter/testing/logging of lumber products to document and ensure that moisture content of wood is to an acceptable level prior to insulation and drywall installation. This will require regular monitoring and documentation of the drying process during building dehumidification and heat process once building is generally enclosed.
3. Furnish & install all Rough Carpentry material including dimensional lumber, sheathing, decking, fasteners, and adhesives.
4. Rough Hardware, which includes Simpson catalogue or approved equal and their associated bolts, nuts and washers
5. All blocking and backing for any and all items secured to walls. (Casework, accessories, handrails, etc)
6. Coordinate with MEP trades the locations of access doors, fire extinguisher cabinets and other misc. recessed specialties. Frame the openings per the rough opening and elevation dimensions provided by the Tradecontractor responsible for the supply and installation of those items.
7. Shop drawing and product submittals
8. Nails, Screws, strapping, etc
9. Coordination with MEP, Sprinkler and other trades
10. Sill sealers
11. Temporary safety (guardrails, etc)

#### **Division 07**

1. Supply all rigid insulation behind masonry. Masonry Tradecontractor will install. Supply and install rigid insulation at Fiber Cement Board soffits.
2. Supply and install weather resistive barrier, complete. Coordination with other trades at openings will be required.
3. Supply and install, including all accessories, the fiber cement board soffits complete. Note layout of joints will need to be carefully coordinated with the acoustical ceiling panels on the interior. Additionally, careful coordination with the light fixture rough-in and layout is required. Exterior lighting is integral to the layout of the fiber cement board joints.

#### **Exclusions:**

1. All Earthwork. (BP 31.1)
2. Foundations for light poles (BP 26.0)
3. Concrete paving and curbs complete. Forming, placing, striping, finishing, etc. will be by BP 32.2
4. Interior decorative perforated metal guardrails. (BP 7.1)
5. Bike cage. This will be an allowance in BP 10.1.
6. In-wall counter supports (BP 12.1)

#### **Alternate:**

Provide additive price to frame east and west wall of Rm. 220 in the event the operable partition alternate is accepted.

**Standard Inclusions:**

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 7.1 Metal Siding, Metal Flashings & Trim

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
05 52 00	Metal Railings (perforated panels only)
07 42 00	Metal Wall & Roof Panels
07 62 00	Sheet Metal Flashing
07 92 00	Joint Sealants

### Inclusions:

1. Provide and install all metal panels, including sub-framing and accessories as required.
2. Coordinate panel layout with other trades, including, but not limited to; curtain wall, masonry and roofing. At MP-1, utilize individual panel sizes that maximize manufacturing efficiencies. Panel seams to align with the center of curtain wall mullions. Note curtain wall cover trim over MP-1 is by others; BP 8.1.
3. Specifically include metal panel mechanical screen on the roof. Structure will be provided by others, BP 6.1
4. Include supply and install of perforated metal railings at interior. Steel knife-plates will be provided and installed by others (BP 6.1). Handrails and associated supports will be provided by others (BP 6.1) but coordination during installation is expected.
5. At MP-2, include painted acyclic panels adhered to the metal panels and provide standard warranty on workmanship. Include manufacturer's standard warranty on the materials, finishes and adhesives.
6. Supply and install all sheet metal flashings and trims. Note, many of these are called out as aluminum. Coordinate work with adjacent scopes, i.e. curtain wall and roofing. Include any counter flashing required at these flashings and trims as required by the contract documents. Specifically note bay window on the second floor. This bid package includes the metal 'roof' as well as the soffit panels.
7. Supply only stainless steel through wall flashing for the masonry. Masonry Tradecontractor will install the flashing.
8. Furnish and install Scaffolding only if deemed necessary by Tradecontractor. Note scaffolding will be provided along the south elevation by the GCCM. This scaffold will be used by multiple trades working on that elevation and Tradecontractor should not assume sole use of the scaffold. Every effort will be made to ensure an efficient sequencing of work. If scaffolding is not used, provide snorkel, scissor lifts, or other equipment to install the work.
9. Installation only, rigid insulation behind metal panels. Rigid insulation supplied by BP 6.1.
10. Supply and install any and all sealants at flashings and trims that are required after installation and before other materials are installed. Specifically, any WRB counter flashing over metal flashings.

### Exclusions:

1. Wood framing & sheathing (BP 6.1)
2. Weather resistive barrier (BP 6.1)

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required



# Bid Package 7.2 Roofing

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 26 00	Vapor Barrier (as required by roofing assembly only)
07 54 00	Thermoplastic Roofing
07 62 00	Sheet Metal Flashing (for coordination and as required to maintain warranties)
07 72 00	Roof Accessories
07 92 00	Joint Sealants

### Inclusions:

1. Provide and install all single ply roof membrane per the contract documents, including all accessories required for a complete and watertight installation. Scope of work begins at roof sheathing and is inclusive of rigid insulation, cover board and roof membrane itself.
2. Coordinate roof penetrations with other trades to ensure a watertight installation.
3. Supply & install roof board at roofing side of parapet per the contract documents.
4. Supply and install roof hatch specified in 07 72 00. Coordinate roof penetration with BP 6.1.
5. For curbs and equipment supports in 07 72 00, provide & install cap flashing, roof membranes and other terminations and trims required to create a watertight installation.

### Exclusions:

1. Wood framing & wood sheathing (BP 6.1)
2. Weather resistive barrier (BP 6.1)
3. Supply & install roof access ladder in 07 72 00
4. Supply & install of curbs and equipment supports in 07 72 00.

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 8.1 Windows, Glass & Glazing

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 92 00	Joint Sealants
08 44 00	Aluminum Fenestration Assemblies
08 63 00	Aluminum Skylights
08 81 00	Glass Glazing

### Inclusions:

- Supply and install, including all fasteners and trim, the following per the contract documents:
  - Aluminum curtain wall and storefront systems, including sill pans and trims noted in the contract documents.
  - All glazing, ensure glazing materials are compliant with all codes, i.e. tempered glazing locations
  - Any sealant required by the aluminum window manufacture to ensure a watertight system.
- Supply and install cover trim as indicated in the Architectural elevations and details. Note this trim extends above and below the head and sill of the window. Include additional pressure plate material to fasten to face of metal wall panels to support the extension of the trim. See sheet A501 for details.
- Provide weatherstrips, sill sweeps and thresholds associated with doors in aluminum glazing systems. These products are specified in 08 71 00 or as required by the aluminum entry manufacturer.
- Prepare and install door hardware in aluminum entry doors. Hardware supplied by BP 8.2.

### Exclusions:

- Metal flashings and trim (BP 7.1)
- Weather resistive barrier (BP 6.1)
- Electric hardware and access control (BP 8.2 & BP 26.0)

### Standard Inclusions:

- This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
- All Terms and conditions included in Graham Bid Manual.
- All Equipment, Labor & materials required to perform complete scope of work.
- Mobilizations required for phased work, see CPM schedule.
- Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
- Alternate pricing to be honored by subcontractor for 90 days after bid time.
- Performance and Payment Bond on Bid Packages over \$200,000
- Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
- Any necessary surveying/layout (control points provided by GCCM)
- Locates as required

# Bid Package 8.2 Doors, Frames & Hardware

## SCOPE OF WORK

Notice: Graham as the GCCM intends to bid this package

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 92 00	Joint Sealants
08 11 00	Metal Doors and Frames
08 14 00	Wood Doors
08 71 00	Door Hardware

### Inclusions:

1. Supply and installation of all hollow metal door frames. Note mobilizations required to install door frames with/ahead of wall framing. Prepare door frames to accept door hardware in the factory prior to delivery and installation. Reference wall schedule for wall thicknesses. GCCM will not provide those during shop drawing review, but will verify throat dimensions during that review.
2. Supply and install all door hardware complete. Prepare doors to accept hardware in the factory before delivery to the job site. Coordination is expected and required with work of BP 26.0 regarding access control. At a minimum, doors and door frames will need to be prepared in order to accommodate the access control system by this bid package and associated door hardware will need to be coordinated with access control hardware. Include any insulation in door frames called for by the contract documents.
3. Install all doors and door hardware in accordance with the CPM schedule. Doors installation will need to be coordinated with the various finish trades on site. Multiple mobilizations should be assumed.
4. Adjust door closures at the conclusion of the job as directed by the GCCM. This will occur prior to any punch lists.
5. Provide and install all automatic door operators. Line voltage and low voltage work to be done by BP 26.0.
6. Inventory, storage and complete organization of all hardware installed in this bid package at a designated location on site as directed by the GCCM.
7. For hardware specified for the aluminum entry doors, ship hardware to BP 8.1 Tradecontractor for installation in their shop.

### Exclusions:

1. Access control hardware and installation (BP 26.0)
2. Access doors and frames
3. Operable partitions (BP 10.1)

### Alternate:

1. Provide an additive price for (2) 3'x8' Type A frame and Type FG door and associated hardware for Rm 220. This replaces the operable walls in the event that alternate is accepted. This replaces doors 220a & 220b.

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 9.1 GWB & Sound Batt Insulation

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 21 00	Thermal Insulation
07 26 00	Vapor Barrier
07 84 00	Firestopping
07 92 00	Joint Sealants
09 21 00	Gypsum Board
09 21 16	Shaft Wall Assemblies
09 22 16	Non-Structural Metal Framing Assemblies
09 81 00	Acoustical Insulation

### Inclusions:

1. Supply and install all GWB called for by the contract documents. Include and shims or non-wood framing required and called for per the contract documents. Tape, finish and prime all GWB surfaces. Painting tradecontractor's work will begin with the finish coats of paint. Intent is for the work of this bid package to prepare the GWB for paint.
2. Supply and install all batt insulation required by the contract documents. This includes thermal insulation at exterior walls as well as acoustical insulation requirements at interior walls and/or ceilings. Supply and install all vapor barriers on the warm side of the insulation as required by the contract documents. This is located primarily, but not limited to, the interior face of the exterior wood stud walls.
3. Supply and install of all tile backer board. Tape and prepare tile backer board for tile installation. Tile setter will have minimal wall preparation included in their scope of work with the assumption work of this bid package will prepare the surface per the specifications.
4. Shaft wall construction and installation of wall liner, sound attenuation blankets and the installation of supplementary fire protection behind boxes contain wiring devices, as required.
5. GWB and any misc. metal framing waste to be recycled and removed from the job site at Tradecontractor's expense. Documentation for evidence of path through the waste stream will be required.
6. Include time and materials to protect concrete floors scheduled to be polished or sealed and exposed to view during all taping activities.
7. Include 40 hours of trade damage repairs as an allowance. Allowance use will be directed by GCCM.

### Exclusions:

1. Blocking and backing (BP 6.1)
2. Rigid insulation (various bid packages)
3. Access doors and frames.
4. Temporary heat and/or ventilation. Tradecontractor to notify GCCM of the environmental requirements 2 weeks before those are required.

### Alternate:

1. Provide an additive price for GWB and batt insulation at east and west walls of Rm 220 in the event the operable partition alternate is accepted.

**Standard Inclusions:**

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 9.2 Acoustical Ceilings

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
09 51 00	Acoustic Panel Ceilings

### Inclusions:

1. Coordinate ceiling grid layout with BP 6.1 where ceiling grid alignment with exterior soffit reveals is called out in the contract documents. Intent is for interior and exterior grids/reveals to align.
2. Provide all seismic support wires and other means of seismic restraint required or called for in the contract documents for ceiling systems in this scope of work.
3. Supply and install any and all accessories required or called for in the contract documents included in this scope of work.
4. Paint the edge of any cut ceiling tiles to match the non-cut tiles.
5. Provide (2) additional cartons of ceiling tile for each type specified on the project and 40 hours for replacing damaged materials. Work to be directed solely by the GCCM.
6. Coordination with other trades is expected and included in this bid package. This includes, but is not limited to, coordinating HVAC diffuser and grill locations, sprinkler heads, light fixtures and misc. low voltage device rough-in.

### Exclusions:

1. Acoustic insulation (BP 91.)

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 9.3 Painting

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 19 00	Water Repellents
07 84 00	Firestopping
07 92 00	Joint Sealants
09 90 00	Painting

### Inclusions:

1. All interior and exterior paint systems, including water repellents at masonry. Additionally, note exposed structural steel to be painted both interior and exterior. These may require separate mobilizations and/or crews. Reference CPM schedule to forecast adequate labor costs.
2. Provide and install joint sealants at all hollow metal frames and other locations typically installed by project painter prior to paint.
3. Include 80 hours of touch-up painting due to trade damage or other re-work required. Use of these hours is at the sole discretion of the GCCM.

### Exclusions:

1. Priming of structural steel (BP 6.1)
2. Sealant joints associated with the exterior glazing system (BP 8.1)
3. Expansion joints at masonry (BP 4.1)

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 9.4 Ceramic Tiling & Floor Coverings

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 92 00	Joint Sealants
09 30 13	Ceramic Tiling
09 65 00	Resilient Flooring
09 68 13	Modular Carpeting

### Inclusions:

1. Supply and install, including resilient base, all flooring and tile types/products per the contract documents.
2. Include 80 hours of floor prep, including materials as an allowance. Use of this allowance will be solely at the discretion of the GCCM.
3. Include moisture testing of slab on grade to ensure all requirements of the manufacturer are met. Assume more moisture tolerant adhesives in base bid.
4. Provide sealants between tile and dissimilar materials. Provide all tile trims and flooring transition strips as required and/or per the contract documents.

### Exclusions:

1. Backerboard (BP 9.1)

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required



# Bid Package 10.1 Misc. Specialties

## SCOPE OF WORK

Notice: Graham as the GCCM intends to bid this package

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
10 21 13	Toilet Compartments
10 22 23	Operable Partitions
10 28 13	Toilet Accessories
10 44 00	Fire Extinguishers and Cabinets
12 24 13	Roller Shades
12 93 00	Site Furnishings

### Inclusions:

1. Provide appropriate staff to coordinate submittals, shop drawings and field dimensions for all scopes of work included in this bid package. Specifically include coordination with BP 6.1 for backing locations and requirements.
2. In 12 93 00 Site Furnishings, supply and install only the bicycle racks and wood stack benches (as an allowance per the bid form). Other items specified in 12 93 00 will be by others. (BP 6.1 & BP 32.1)
3. Include the bike storage facility adjacent to the new trash enclosure complete. Scope of work begins at the concrete paving (by BP 31.1). Any and all electrical work is by BP 26.0. This will be an allowance per the bid form.
4. Provide sealants between tile and dissimilar materials. Provide all tile trims and flooring transition strips as required and/or per the contract documents.

### Alternate:

1. Provide a deductive price to eliminate the (2) operable partitions from the Large Conference Rm 220.

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 12.1 Casework & Finish Carpentry

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 92 00	Joint Sealants
06 40 00	Architectural Woodwork

### Inclusions:

1. Include field verification of as-built dimensions prior to fabrication and after approval of shop drawings. Assume 2 mobilizations for field verification of as-built dimensions.
2. Prior to installation, verify on-site conditions are acceptable (temperature, humidity, etc) and notify GCCM in writing 2 weeks prior to mobilization on site if conditions are not acceptable. GCCM will provide mitigation measures to ensure site conditions specified by the contract documents are met.
3. Supply and install all locks shown and/or specified for casework included in this scope. Supply and install any in-wall supports required. Assume a separate mobilization to install brackets.
4. Coordination is expected with BP 6.1 with regards to the location of backing required. Clearly indicate backing requirements in the shop drawings.
5. Caulking between finished surfaces installed as part of this bid package and adjacent GWB or other finished surface is specifically included in this bid package.
6. The transaction counter between the Lobby (rm 101) and Ticketing (rm 109) is included in this bid package via an allowance. See bid form for allowance value. This transaction counter will include casework, solid surface counter tops, glazing and coordination with electrical and low voltage trades. Tradecontractor of this bid package is expected to coordinate final design and functionality of the transaction counter with the Architect, Owner and GCCM. Assume multiple shop drawing iterations and reviews. All work associated with this counter is assumed to be included in the allowance amount.

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 14.1 Elevator

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 92 00	Joint Sealants
14 24 00	Hydraulic Elevator

### Inclusions:

1. Supply and install the hydraulic elevator. Tradecontractor is responsible for attachment of rails to structure (supplied by BP 6.1) This scope includes the supply and installation of all cab finishes unless specifically noted by others in this scope of work description.
2. All permit and inspection fees.
3. Tradecontractor to coordinate with other trades, specifically the Electrician and flooring Tradecontractors. Tradecontractor will provide a representative on-site to receive any deliveries that are part of this bid package. GCCM will not be responsible for off-loading, inventory or verification of deliveries to the site. If no representative is on-site, GCCM may refuse or accept delivery at its sole discretion.

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 21.0 Fire Protection - Complete

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 84 00	Firestopping
07 92 00	Joint Sealants
08 31 00	Access Doors
Division 21	Fire Suppression

### Inclusions:

1. Engineered shop drawings/design, calculations and permit, including fees. Tradecontractor will procure the Washington State licensed Engineer for the fire protection system.
2. Coordinate with MEP tradecontractors regarding routing and sequencing.
3. Testing and commissioning of all equipment and systems included in this bid package.
4. Firestopping at penetrations associated with the work in this bid package
5. Backflow preventer(s) as required.
6. Fire line certification for fire mains and system labeling per contract documents and/or local jurisdictional requirements.
7. Core drilling if required for this scope. Suitable edge form or blockouts for any penetrations through slab on grade pours needed for work of this bid package.
8. Access doors required for work of this bid package

### Exclusions:

1. Sub-grade fire main. BP 31.1 will provide fire main complete to inside of room 120, terminating at a flange above the finished floor. Tradecontractor of this bid package is responsible for coordinating and communicating in a timely fashion engineering information to BP 31.1 Tradecontractor to facilitate the supply and installation of the fire main.

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 22.0 Mechanical Complete

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 84 00	Firestopping
07 92 00	Joint Sealants
08 31 00	Access Doors
Division 22	Plumbing- Complete
Division 23	Heating, Ventilation & Air Conditioning- Complete

### Inclusions:

1. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
2. Any necessary surveying/layout (control points provided by GCCM) and locates. Include all necessary measures for proper vertical and horizontal control of all installed items.
3. Provide hoisting for rooftop equipment. Hoisting to be completed in accordance with GCCM's hoisting protocols. GCCM provided hoisting is limited, reference General Inclusions item 3.
4. Coordination with other trades and between the plumbing and HVAC scopes of work. GCCM will lead clash detection, however, Tradecontractor of this bid package should assume a significant role in that coordination.
5. Pipe and Equipment labeling per contract documents
6. Mechanical permit and Inspection fees
7. Firestopping at penetrations associated with work of this bid package
8. Supply and install roof mounted curbs or other supports for mechanical equipment. Include accessories required by the curb or equipment manufacturer to integrate with the roofing system specified for this project. Coordination with the project roofing tradecontractor is expected and required.
9. Access panels as required related to this scope of work
10. Pour watch to ensure the proper installation of any cast in place element installed in this bid package.
11. Testing and commissioning of all installed systems to ensure quality installation in accordance with the requirements of this project.
12. Suitable edge form, or blockout for any penetrations through slab on grade pours needed for mechanical or plumbing penetrations. Core drilling, as required for work in this bid package.
13. Detectable marking tape @ underground utilities if required
14. Pipe insulation, HVAC insulation as defined in the contract documents or by code requirements.
15. Include any required trenching, bedding and backfill for subgrade utilities required of this bid package.

**Note:** for accounting purposes only, bid form requires bidder to state the cost to supply and install the VRF rooftop units and associated supports/mechanical curbs. This value is not in addition to the base bid, but simply a stated value contained within the base bid. This value will not be used to determine to low bidder.

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 26.0 Electrical - Complete

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
07 84 00	Firestopping
07 92 00	Joint Sealants
08 31 00	Access Doors
Division 26	Electrical- Complete
Division 27	Communications- Complete
Division 28	Electronic Safety & Security- Complete

### Inclusions:

1. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
2. Any necessary surveying/layout (control points provided by GCCM) and locates. Include all necessary measures for proper vertical and horizontal control of all installed items.
3. Provide hoisting for equipment required of this bid package. Hoisting to be completed in accordance with GCCM's hoisting protocols. GCCM provided hoisting is limited, reference General Inclusions item 3.
4. Coordination with other trades is required. GCCM will lead clash detection project wide, but participation is required.
5. Equipment and panel labeling per contract documents.
6. Electrical permit and Inspection fees. Note, a separate permit for the new street lights may be required. Obtaining all permits related to the electrical scope of work is included in this bid package as well as any costs associated with inspections.
7. Firestopping at penetrations associated with work of this bid package
8. Supply and install all seismic wiring/support for light fixtures, electrical pathway and low voltage pathway as required by code and/or the contract documents.
9. Access panels as required related to this scope of work
10. Pour watch to ensure the proper installation of any cast in place element installed in this bid package.
11. Testing and commissioning of all installed systems to ensure quality installation in accordance with the requirements of this project.
12. Suitable edge form, or blockout for any penetrations through slab on grade pours needed for mechanical or plumbing penetrations. Core drilling, as required for work in this bid package.
13. Detectable marking tape at underground utilities if required by code, City of Olympia and/or the contract documents.
14. Supply, install and coordinate with door hardware & install Tradecontractors, line voltage requirements at automated doors. Automatic door operators and other hardware specified in 08 71 00 by others; BP 8.2.
15. Include any required trenching, bedding and backfill for subgrade utilities required of this bid package. Include concrete foundations- complete, for all site lighting.
16. Supply and install irrigation controller conduits to 5' outside the building footprint. Coordinate specific location and termination with Landscape Tradecontractor.
17. Note pathway for future fiber connection between new building and the existing building shown on E100. Some existing conduit is planned to be used. This scope is pathway only.
18. Note allowance on the bid form for Temporary Power. This allowance is intended to include any temporary power pole, meter base and main panel(s) needed for PSE and GCCM. Include labor to hook up (only) GCCM's site trailer to temporary power. Temporary power cords/conductors from the panel(s) to either the site trailer or spider boxes on site will be provided by the GCCM. Also included is permit application, documents and fees associated with the installation of temporary power service.
19. In many locations throughout the building, power and data receptacles are shown for future use. Owner is planning to install electronic signage at a later date. At each location, provide conductors, wire, receptacles and trims per the contract documents, but understand this is for future use.

**Standard Inclusions:**

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 31.1 Earthwork & Utilities - Complete

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
31 00 00	Earthwork
31 10 00	Clearing & Grubbing
31 56 39	Tree and Plant Protection
32 11 23	Base Course
32 13 13	Concrete Paving (at ROW work only)
32 13 20	Site Concrete Finishes (at ROW work only)
32 17 23	Pavement Markings (at ROW work only)
33 14 16	Site Water Utility Distribution Piping
33 31 13	Site Sanitary Sewer Gravity Piping
33 42 11	Stormwater Gravity Piping
33 42 12	Sub-Drainage

### Inclusions:

1. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
2. Any necessary surveying/layout (control points provided by GCCM) and locates. Include all necessary measures for proper vertical and horizontal control of all installed items. Please contact Graham for CAD files. These are being provided as a convenience in order to facilitate an efficient layout process. They can also be used to assist in calculating cut/fill quantities. A standard liability release form will need to be signed.
3. Provide hoisting for equipment and/or structures required of this bid package. Hoisting to be completed in accordance with GCCM's hoisting protocols. GCCM provided hoisting is limited, reference General Inclusions item 3.
4. Any and all survey required by the contract documents for as-builts. This may include invert elevations, rim elevations and other important elevations of work below grade.
5. Site demolition and stripping complete. Assume all spoils will be exported off site and disposed of. Note soil profile and geotechnical reports provided as part of the bid documents. Some contaminated soil/water is expected to be encountered on-site. Tradecontractor of this bid package is expected to have properly trained personnel available to work in the affected areas and be familiar with safety and disposal obligations surrounding contaminated soil.
6. Furnish and install temporary construction haul road shown on C100. Intent of the haul road is to closely align with the future/final location of the concrete paved bus lane. Subgrade improvements made for the haul road could remain with approval of the Civil Engineer. Include an improved area 40' x 60' to the north east of the haul road (adjacent to the intersection of Olympia Ave and Franklin St.) for the GCCM trailer to be located during construction. This area is also planned to be largely concrete plaza and subgrade improvements could also be left in place with the approval of the Civil Engineer.
7. Installation and removal of TESC measures complete. Exclude any Baker tanks noted or other water processing equipment/measures. Connections to those pieces of equipment, including hose/pipe shall be included. All costs and reporting, including SWPP & CESCL, required by required permits and as stated by the Department of Ecology for TESC.
8. Foundation excavation, backfill and compaction as required by soils report, plans and specifications.
9. At concrete paving and other non-planted locations, provide all excavation, backfill and compaction required.
10. Include all ROW work in Olympia Ave and Franklin Street as shown in the contract documents. City Sidewalks are by BP 32.2. Include all flagging, delineators and street use permits required by the City of Olympia and/or GCCM's safety protocols. Include concrete paving and finishing of the road surface. Include new crosswalk markings and restore lane markings as required. At utility crossings at existing sidewalks and other hardscapes affected, patch surfaces in kind. Reference CPM schedule for anticipated durations and phasing. ROW work may require additional or separate mobilizations. For work in the ROW, assume a total of 16 hours per employee of overtime work directed by the GCCM. This could in the form of 10 hour days and/or a weekend shift. The intent is to minimize the traffic disruption on Olympia Ave and Franklin Street.



11. At new trash enclosure and bike shelter, provide all clearing, grubbing, excavation, base and top courses and concrete paving and finishing. This work will need to happen immediately and simultaneously to work on the main site. Reference CPM schedule for additional details and durations. Note, approximately 10 trees will need to be removed as part of this work. 3 additional trees shown to be removed (see L0.10) can be done at the same time.
12. Crushed surfacing base course and top course immediately below sidewalks, curbs, gutters and other concrete paving. Intent is for BP 32.2 Tradecontractor to begin setting formwork directly on work prepared by the work of this bid package. Coordinate final grades with GCCM and BP 32.2 Tradecontractor.
13. Detectable marking tape at underground utilities if required by code, City of Olympia and/or the contract documents.
14. All footing drains and subgrade drainage per the contract documents.
15. Include any required trenching, bedding and backfill for subgrade utilities required of this bid package.
16. Any backflow preventers required by the contract documents and/or the City of Olympia.
17. Supply and install fire sprinkler main. Terminate work at a flange at the SOG inside the fire riser room. BP 21.0 Tradecontractor will furnish the engineering. Include any required restraints and/or thrust blocks required by the City of Olympia and/or the contract documents.
18. Capillary break to be supplied and installed utilizing a conveyor due to limitations on site.
19. Provide dust control- complete. Provide street vacuum sweeping as needed to ensure surrounding areas are maintained in a clean, acceptable manor in accordance with permitting requirements. This extends to work durations and activities beyond the ROW work.
20. Any and all trench safety for activities in this bid package.
21. All utility testing and inspection requirements per the City of Olympia and/or other AHJ.
22. Supply and install all trench drains.

**Exclusions:**

1. Trenching and backfill for Mechanical and Electrical Tradecontractors
2. Excavation and backfill for site lighting foundations.

**Standard Inclusions:**

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 32.1 Landscape and Irrigation

## SCOPE OF WORK

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
03 45 00	Precast Architectural Concrete (custom site benches)
32 14 00	Unit Paving
32 84 00	Irrigation
32 91 15	Soil Preparation
32 93 00	Plants

### Inclusions:

1. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
2. Any necessary surveying/layout (control points provided by GCCM) and locates. Include all necessary measures for proper vertical and horizontal control of all installed items.
3. Coordinate delivery of plants and soil with GCCM at least 2 weeks prior to delivery. Tradecontractor to have a representative on site to receive any and all deliveries for work of this bid package. There is limited laydown area on site and when soils and plants are being installed, significant portions of the finished hardscapes may already be in place. Tradecontractor shall consider the CPM schedule and make appropriate provisions for placing soil and mulch. Do not assume materials can be stockpiled on site. Materials may need to be placed in smaller quantities than normal given site access limitations.
4. Provide, install and coordinate with other Tradecontractors sleeving required for the irrigation piping. This may require a separate and early mobilization.
5. Supply and install all tree staking and similar temporary protections required in the contract documents.
6. Supply and install any landscape material transitions between landscaped areas and adjoining surfaces.
7. Supply and install all unit paving, flagstone stepping stones and mortar set precast concrete pavers per notes 4, 8 and 9 respectively on L1.10.
8. Supply and install all tree grates shown in the Landscape plans. Coordinate frames cast into the hardscape with BP 32.2, specifically aligning grates with saw cut and scored joints.
9. Supply and Install all crushed rock surfacing and associated metal edging per note 6 on L1.10

### Exclusions:

1. Timber stacked bench features
2. CIP concrete stairs, walls, ramps, etc.
3. Custom metal lean rail

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required

# Bid Package 32.2 Concrete Paving & Curbs

## SCOPE OF WORK

Notice: Graham as the GCCM intends to bid this package

Specification	Description
Division 0	Bidding & Contract Requirements
Division 1	General Requirements
32 13 13	Concrete Paving
32 13 20	Site Concrete Finishes
32 17 23	Pavement Markings

### Inclusions:

1. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
2. Any necessary surveying/layout (control points provided by GCCM) and locates. Include all necessary measures for proper vertical and horizontal control of all installed items.
3. Supply and install all reinforcing required for curbs, gutters, paving and walks
4. Sawcutting, expansion joints, score joints and any and all joint sealants required at horizontal and vertical paving per the contract documents.
5. Tradecontractor should assume and anticipate pumping concrete into place. Relying on tailgating to place concrete is at the sole discretion and risk of the Tradecontractor. GCCM cannot guarantee tailgating will be possible.
6. Coordinate pours with GCCM and Landscaping Tradecontractor. It may be necessary to 'checker board' areas of hardscape for a variety of reasons. Every effort will be made to break pours at expansion joints rather than tooled joints.
7. Provide for sleeving and/or knockouts if required by other trades.

### Exclusions:

1. Base course and top course of crushed rock surfacing under CIP concrete
2. Excavation/rough grading for all concrete paving and curbs

### Standard Inclusions:

1. This Scope of Work/Instruction to Bidders document will be incorporated into Subcontract Agreement
2. All Terms and conditions included in Graham Bid Manual.
3. All Equipment, Labor & materials required to perform complete scope of work.
4. Mobilizations required for phased work, see CPM schedule.
5. Submittals required 2 weeks from date of contract award or as per CPM dictates, whichever is more stringent. Intent is to have submittals processed well in advance of work commencing on-site.
6. Alternate pricing to be honored by subcontractor for 90 days after bid time.
7. Performance and Payment Bond on Bid Packages over \$200,000
8. Staff project appropriately to ensure timely decision making on site and project management activities are properly being performed for the duration of this scope of work.
9. Any necessary surveying/layout (control points provided by GCCM)
10. Locates as required