



Sundt Construction

Attn: Clinton

Project: SDSU South Campus Plaza
Location: San Diego, CA
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GerdaU Reinforcing Steel, hereinafter called Subcontractor, proposes subject to the terms and conditions herein to furnish and/or place concrete reinforcing materials in accordance with the CRSI Manual of Standard Practice and based on the following documents: 100% Backcheck structural drawings for parking structure, building #1 and building #2 dated 11/10/14, as prepared by KPFF Structural Engineers. No addendum noted.

INCLUSIONS:

1. Furnish, fabricate, and install deformed reinforcing bars for cast-in-place concrete.
2. Furnish deformed reinforcing bars detailed per CRSI standards for concrete masonry units, FOB trucks jobsite, for placing by others.
3. Furnish, fabricate, and install welded wire fabric for cast-in-place concrete.
4. Furnish, fabricate and install ENCAPSULATED post-tensioning materials for cast-in-place concrete.

EXCLUSIONS:

5. Testing or inspection other than the furnishing of certified mill test reports.
6. **Cost of bonds.**
7. Smooth or galvanized bars.
8. Threaded bars, couplers, anchors, bolts, studs, stud rails, sheathing, "Rubatex", sleeves, or inserts.
9. Wrapping, coating, painting, or greasing of dowels.
10. Cutting, drilling, grouting, or dry-packing & placing of grouted dowels.
11. Welding and/or dowels and welding of same to structural or miscellaneous iron.
12. Reinforcing for: site work including all work outside building lines and others as follows:
 - a) Construction joint dowels per 6/S617.
 - b) Topping slab per 2S-102/Grid-11.
13. Costs of splices and/or connections required for accommodation of Contractor's formwork and/or formwork sequencing, including impact costs or altered rebar placing sequences.
14. Pulling, blocking, or chairing of any mesh.
15. Field Bending.
16. Traffic Control.
17. Guying and/or bracing requirements for column cages.
18. End preparation of bars for future welding or splicing.
19. Placing and tying of masonry reinforcement (masonry reinforcing bars included are F.O.B. trucks, jobsite).
20. Cost of pour watchman other than during normal 40 hour straight-time work week while Subcontractor is performing scheduled work. (Add \$2,500 per each occurrence if needed)
21. Stapling of chairs for post-tension cable support.
22. Structural calculations to verify concrete stresses at ultimate and service loads and shortening calculations for post-tension cables.
23. Furnishing material and/or labor for patching post-tension stressing pockets or block-outs.
24. Splices in reinforcing bars, field bending and/or construction joint dowels for Contractor's convenience.
25. Cost of remedial work and/or replacement of materials made necessary by water or flood damage to reinforcing steel following delivery or installation as directed by Contractor.
26. Special insurance provisions including "Broad Form", "Type 1" indemnification and Primary & Non-contributory wording.

EXCLUSIONS: (Cont...)

27. Liability Insurance for the construction of any single family dwelling, townhouse, condominium or multi-tract housing development.
28. Any liability and defense or indemnification obligations associated with the completed work of apartments converted to condominiums, townhouse or housing.
29. Costs, impacts or liquidated damages as a result of material shortages caused by factors or market conditions beyond Subcontractor's reasonable control.

CONDITIONS:

1. Performance shall be based on conventional construction; timely receipt of construction documents and information; and a written schedule, based on a normal 5-day, 40 hour straight-time work week, to which Subcontractor is a party.
2. Re-detailing and/or estimating resulting from design changes shall be billed at the rate of \$75.00 per hour.
3. Subcontractor shall not be required to continue the performance of work considered by the Subcontractor to be outside the scope of the work hereunder unless resolution of Subcontractor's submitted notices and valuation of such previous work is timely (i.e. within 30 days of Contractor's receipt of such notice).
4. Buyer to provide the following at no cost:
 - a) Lines, grades, supporting rebar templates, layout, ramps, and scaffolding.
 - b) Platforms (where required), for stressing post tension cables.
 - c) Safe access to points of work, including tractor-trailer access to installation locations or to within 25 feet of where materials are to be used or hoisted.
 - d) Protection of vertical reinforcing steel where required by safety regulations.
 - e) **Operated crane* service during straight time working hours for unloading of trucks, hoisting and/or lowering of materials to the working levels adjacent to points of installation, and for the setting pre-assembled elements (* the use of excavating equipment or other equipment not specifically designed for these purposes shall be strictly prohibited).**
 - f) Verification of existing conditions and all field measurements of same for the purpose of shop drawing preparation prior to fabrication of reinforcing steel.
 - g) Adequate areas for staging, storage, and pre-assembly of materials.
 - h) Removal of spoils from footings, and small wire clippings caused by normal reinforcing installation.
 - i) Traffic control, flagmen, barricades, lane closures and all related permits.
 - j) Two complete sets of construction drawings and one set of electronic drawings.
5. Lengths of drilled pier cages to be determined by the Buyer prior to detailing of the steel.
6. Prices below include an additional 5% allowance of reinforcing steel as specified to be placed into forms as directed by the Engineer. (this allowance is for building portion only, nothing was noted in parking garage notes)
7. Prices are based on the following assumptions:
 - a) Assume parking structure CIP planter wall @ grid line C from 2-8.2 to have detail 19/S4.1.
8. In the event either Contractor or Subcontractor institutes a suit against the other in connection with any matter arising from this agreement, the prevailing party shall be entitled to recover from the other its reasonable attorney's fees and costs.
9. In the event the Contractor considers the performance of the Subcontractor to be delaying the progress of the work, Contractor shall provide timely written notification to the Subcontractor.
10. If Subcontractor is directed to proceed with any work in conjunction with this proposal, said direction shall constitute an acceptance of the terms, conditions and exclusions set forth herein and this document shall constitute a formal contract between the Subcontractor and Contractor for the performance of such work. Any contract created hereunder may only be superseded or supplemented by an acceptable written agreement executed by both the Subcontractor and Contractor.



CONDITIONS: (Cont...)

11. Work scope is limited to the bid items priced herein.
12. The following prices are not for separate acceptance.
13. **The unit prices depicted herein are based on competitive bid strategies and receipt of project plan/drawing changes prior to the commencement of any Detailing.**

PRICES:

Bid Item:	Total Price	Unit Prices	Weight - Lbs
Building #1	\$ 406,664.00	\$ 0.8957	454,002
Building #2	\$ 346,212.00	\$ 0.8671	399,298
Parking Structure	\$ 678,072.00	\$ 0.9482	715,140
Sub Total Installed Rebar Pricing/Weight	\$ 1,430,948.00		1,568,440
Building #1-PT	\$ 80,017.00	\$ 2.4800	32,265
Building #2-PT	\$ 65,808.00	\$ 2.4800	26,536
Parking Structure-PT	\$ 155,029.00	\$ 2.4800	62,512
Sub Total Installed PT Pricing/Weight	\$ 300,854.00		121,313
Grand Total Installed Rebar & PT Pricing	\$ 1,731,802.00		

TERMS OF PAYMENT:

- A. Materials (including tied and stockpiled items) net by the 10th of the month following Subcontractor acquisition of the same.
- B. Installed work - 90% of the contract value of work performed by the end of each month to be paid by the 30th day of the following month. Any Owner reduction of retention percentage shall be applied concurrently to payments to the Subcontractor. Final payment to be made within 30 days after substantial completion of the work under this agreement.

This proposal shall remain open for acceptance for 30 days.

Project: SDSU South Campus Plaza

Location: San Diego, CA

Section or Trade #: 3200 Rebar
License #818593 – WBE, SBE

Quality Rebar Inc., hereinafter called Subcontractor, proposes subject to the terms and conditions herein to furnish, fabricate, and place deformed reinforcing bars and welded wire mesh in accordance with the CRSI Manual of Standard Practice and based on the following documents:

Drawings: Bid Set 100% Backcheck; Dated 11-10-2014
Addendum: 1 Noted

Inclusions:

1. Parking Structure, Building 1 & 2 Footings, SOG, Columns, CIP Walls, Decks, Post Tension Cables
2. * See Add For Studrails FOB
3. * See Add For Epoxy Dowels @ 20/\$4.5
4. * See Add For Parking Passes

Exclusions:

1. Cutting, cleaning, straightening and/or bending of existing steel.
2. Smooth, galvanized or threaded bars, anchors, bolts, studs, sleeves, or inserts.
3. Protection of Reinforcing Steel where required by Safety regulations (i.e. bar guards, rebar caps).
4. Cutting, drilling, grouting or dry packing and placing of grouted dowels.
5. Wrapping, coating, painting or greasing of rebar.
6. Welding and/or rebar and welding of same to structural or miscellaneous iron.
7. Reinforcing for: Masonry walls, stair pan treads and landings, precast concrete, and underground drainage structures.
8. Pulling, blocking or chairing of any mesh.
9. Costs of splices and/or connections required for accommodation of contractors' form work and/or sequencing, including impact costs of altered rebar placing sequences.
10. Indemnification of architects/engineers for design errors.
11. Cost of bonds.
12. Removal of tie wire debris from footings, decks and formwork.
13. Installation of caissons and/or piers.
14. Hoisting.
15. Lines, grades, supporting rebar templates, layout, ramps and scaffolding.
16. Special coatings of reinforcing steel unless stated in inclusions.
17. Cost of remedial work and/or replacement of materials made necessary by water and/or flood damage of Reinforcing Steel following delivery and/or installation at direction of Contractor.
18. Pour Watch.
19. Platforms for stressing post tension cables.
20. Stabling of chairs for post tension cable supports.
21. Drilling of concrete formwork for post tension cables.
22. Sitework not shown in structural drawings.

Conditions:

1. Performance shall be based on conventional construction; timely receipt of construction documents and information, and a written schedule, based on a normal 5-day, 40 hour straight time work week, to which subcontractor is a party.
2. Contractor shall furnish design information, location of pour joints and shall allow sufficient time for preparation (2 week minimum) and approval of detail drawings plus a minimum of 5 working days for fabrication and delivery.
3. Buyer to provide the following at no cost:
 - A) Safe access to points of work, including tractor trailer access to locations or to within 25 feet of where materials are to be used or hoisted.
 - B) Testing and inspection other than the furnishing of certified mill test reports.
 - C) Verification of existing conditions and all field measurements of the same for the purpose of shop drawing preparation prior to fabrication of Reinforcing Steel.
 - D) Adequate areas for staging, storage and pre-assembly on material.
4. Re-detailing and/or estimating resulting from design changes shall be billed at the rate of \$50.00 per hour.
5. Subcontractor shall not be required to continue the performance of work considered by the Subcontractor to be outside the scope of the work herein unless resolution of Subcontractor's submitted notices and valuation of such previous work is timely (i.e. within 30 days of Contractor's receipt of such notice).
6. If subcontractor is directed to proceed with any work in conjunction with this proposal said direction shall constitute an acceptance of the terms, conditions and exclusions set forth herein and this document shall constitute a formal contract between the Subcontractor and Contractor for the performance of such work. Any contract created hereunder may only be superseded or supplemented by an acceptable written agreement executed by both the Subcontractor and Contractor.
7. In the event either Contractor or Subcontractor institutes a suit against the other in connection with any matter arising from this agreement, the prevailing party shall be entitled to recover from the other its reasonable attorney's fees and costs.
8. Prices are based on completion of work hereunder by _____.
9. Any deductible of an OCIP Program will be the responsibility of the General Contractor.

Base Bid: \$ SEE BELOW

* Parking Structure	\$995,559.00
* Building 1	\$546,460.00
* Building 2	\$512,323.00
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* Add For Studrails FOB @ Buildings 1 & 2	\$120,540.00
* Add For Epoxy Coated Dowels @ 20/\$4.5	\$ 225.00
* Add For Parking Passes	\$ 6,400.00

Terms of Payment:

- A) Materials (including tied and stockpiled items) net by the 10th of the month following delivery.
- B) Installed work- 90 % of the contract value of work performed by the end of each month to be paid by the 30th day of the following month. Any owner reduction of retention percentage shall be applied concurrently to payments to the Subcontractor. Final payment to be made within 30 days after substantial completion of the work under this agreement.

INSURANCE COVERAGES:

GENERAL AGGREGATE	\$2 MILLION	PRODUCTS-COMP/OP. AGG	\$1 MILLION
PERSONAL & ADV. INJURY	\$1 MILLION	EACH OCCURANCE	\$1 MILLION
UMBRELLA	\$5 MILLION		
AUTOMOBILE	\$1 MILLION	WORKERS COMPENSATION	

Any additional insurance required will be excluded.

Bid acceptance is good for 30 days.



ESTIMATE # ESO40438

BID PROPOSAL FORM
(Contractors License # 778010)

TO: SUNDT CONSTRUCTION, INC.

ATTN: CLINTON CONDIT
EMAIL: cscondit@sundt.com

PROJECT NAME: SDSU SOUTH CAMPUS PLAZA (BUILDINGS 1 & 2) AND (PARKING GARAGE)
PROJECT LOCATION: SAN DIEGO, CA

CMC Rebar (Subcontractor) is pleased to submit the following offer/agreement for the above referenced project, subject to the terms and conditions specified herein. Performance of this Bid/Offer shall be governed by and in compliance with the Concrete Reinforcing Steel Institute Manual of Standard Practices. This offer represents the full scope and intent on the part of this Subcontractor to provide services and materials to Contractor. **WE ARE A UNION CONTRACTOR.**

Due to constantly changing conditions in the steel supply market and the possibility of shortages, Subcontractor may utilize non-domestic (import) material and reserves the right to do so at its sole discretion unless the project specifications specifically state that it is a "Buy American" project. The required mill test reports and certificates of compliance will be furnished for all material regardless of source. Subcontractor shall be entitled to relief from cost and/or schedule impacts should domestic material only be required.

SCOPE OF WORK / PRICE

Reinforcing Steel in Concrete, Supplied and Installed
Post-Tensioned Cable in Concrete, Supplied and Installed (Fully Encapsulated System)
Mesh Reinforcing, Supplied and Installed (Pulling, bricking and/or chairing of mesh is by others)
Drill/Grout Dowels, Supply Only FOB Trucks Jobsite

ITEM	DESCRIPTION	TOTALS
1	PARKING GARAGE	\$ 923,396
2	BUILDING 1	\$ 502,226
3	BUILDING 2	\$ 492,534
4	TOWER CRANE FOUNDATION	\$ 12,112
BASE BID TOTAL =		\$ 1,930,268
BOND	BOND COSTS (RATE = 0.428%)	\$ 8,257

PRICES ABOVE ARE ONLY GUARANTEED THROUGH THE START & FINISH DATES AS INDICATED IN THE SCHEDULE BELOW

CONSTRUCTION SCHEDULE

- 1.
2. Prices, as quoted, will remain firm for thirty (30) calendar days, after which time Subcontractor reserves the right to revise this quotation. Written notification within this time frame is required to guarantee pricing for the durations noted above.

SCOPE OF WORK INCLUSIONS:

1. "Black" A615 and A706 grade 60 reinforcing steel bars, A185 wire mesh and A416 P.T. cables (fully encapsulated system) to be furnished and installed, as noted herein, for the items listed above only.
2. "Black" A615 grade 60 reinforcing steel bars for drill/grout dowels to be furnished only F.O.B. trucks jobsite. (Off loading & installation is by others.)

PLANS AND SPECIFICATIONS:

Architect/Engineer: Buildings = KPFF Structural Engineers and Parking Garage = SGPA Architects & Jessen-Wright Structural Engineers

Specifications: None Seen (Used General Notes on Drawings)

Plans/Drawings: Architectural & Structural Drawings Only – Buildings & Garage = 100% Backcheck (11/10/14)

Addendum: No. 1

GENERAL CLARIFICATIONS:

1. Prices include applicable State and Local Sales Tax.
2. Prices / Bid items quoted are not for separate acceptance without prior written approval from Subcontractor.
3. Subcontractor's price is based on detailing, fabricating, shipping and placing on a normal five (5) day, forty (40) hour work

week (all Union contract and nationally recognized holidays are observed). Premium, night and/or shift work is not included. All work performed outside of such hours shall be charged at Subcontractor's standard rates for overtime, weekend, night or holiday.

4. Subcontractor's price is based on Contractor furnishing all design information, location of construction joints and lift plans in sufficient time to allow for preparation and approval of submittals (if they are required), plus seven (7) working days for fabrication and delivery. Performance will be based on conventional construction and the timely receipt of two (2) complete printed sets of plans, specifications and CADD files (if available). Additional lead time will be required for special mill rolling (including but not limited to #14, #18, A706, Grade 75 & Grade 100 reinforcing steel bars), spirals, threaded bars, welded hoops, epoxy coating, galvanizing, special mesh, mechanical connections, T-Headed anchors, etc. A Letter of Intent and/or a Subcontract authorizing procurement of these long lead / mill order items must be received in a timely manner. Delays of more than forty five (45) days may result in additional cost of materials.
5. Subcontractor's price includes additional labor time for a Foreman to attend standard weekly scheduling meetings and for all onsite employees to attend daily safety tail-gate meetings. It does not include any additional labor time for any type of special safety, coordination, and/or instructional training meetings unless specifically included in the Special Notes section.
6. The Contract and/or Change Order unit prices (if reflected herein) is (are) based on receipt of information or scope of work changes, prior to detailing, fabrication, shipment and/or placement of material.

SPECIAL NOTES:

1. All parking costs are included in the pricing above.

HOISTING/LOWERING NOTES:

Contractor shall furnish, without charge, suitable equipment fully operated for hoisting/lowering reinforcing steel, P.T. cables, wire mesh, accessories, etc., including unloading trucks, staging of reinforcing to points of installation (into foundations and onto elevated decks, etc.) setting of piling, column, wall cages and/or any other pre-tied assemblies and including any power placing of individual bars that Subcontractor may require. (Rigging, unloading and setting of reinforcing steel and/or wire mesh onto S.O.M.D. is excluded.) It is assumed that the tower crane will be available for all work, except the tower crane pad.

SCOPE OF WORK EXCLUSIONS:

(Furnishing and/or installing)

1. All testing, inspection, X-ray and/or any related costs thereof other than mill test reports. (Rebar, P.T. cable and mechanical coupler test samples to be provided F.O.B. trucks jobsite).
2. As-Built Drawings / Building Information Modeling (BIM) / Shop Drawings / Record Drawings / Coordination Drawings (Rebar Placement Drawings will be provided as submittals in lieu of).
3. Plain (smooth) round bars.
4. Threaded bars, rods, sleeves, dowel baskets, anchors (DBA's & misc.), bolts (anchor & misc.), embeds and inserts.
5. Stud rails, shear studs, similar.
6. Wrapping, coating, sheathing/sleeves (Rubitex, plastic and/or cardboard), painting, and/or greasing of reinforcing steel, smooth round and/or wire mesh.
7. Supplying, installing, and/or maintaining any form of rebar cap or safety device on installed reinforcing steel, any bars to be "field" bent and/or any reinforcing steel on the ground/stored. (Per latest OSHA Standards).
8. Cost of pour watchman, unless from crews already working on site.
9. All permits (except hauling) and licenses, other than city/county business licenses and State Contractor's license, required for the work.
10. Cost of Payment and Performance Bonds.
11. Any or all reinforcing steel, and/or wire mesh not shown on drawings unless specifically included in Scope of Work/Price.
12. Rebar placing and/or P.T. drawings prepared, reviewed, signed, sealed or stamped by a licensed engineer.
13. Quality control manager, inspector and a quality control plan. (Contractor to provide these services.)
14. Costs for relocation of materials for the convenience of others after materials are unloaded at Contractor designated areas.
15. Composite clean-up crews.
16. The cost of reworking, rehabilitating and/or replacing reinforcing steel damaged or lost as a result of flood conditions. If storm damage should occur, responsibility for steel fully or partially in place, and for steel stored in locations designated by Contractor, shall be for Contractor's account.
17. Traffic control (Lane closures, barricades, signs, lights, etc.). (A flagman for our deliveries only is included.)
18. Splices in reinforcing bars and/or construction joint dowels for Contractor's convenience shall be for Contractor's account. Also splices required due to low overhead, power lines and/or deficiencies in hoisting equipment unless specifically shown on contract drawings at that particular location shall be for Contractor's account.
19. Any reinforcing and/or PT cable referred to as "Spec. Steel", "Allowance" and/or "As directed by Engineer" other than by additive

quote. Accessories, wire mesh and/or mechanical couplers will not be included in this type of additive quote. If Change Orders are to be applied against "Spec. Steel" allowances, then the dollar value and NOT the weight of the Change Order will be applied.

20. Exposing, cutting, burning, cleaning, straightening and/or bending of existing steel, previously poured steel and/or improperly placed drill and grout/bond dowels.
21. Drilling, coring, grouting, dry packing and the placing of bars into and/or through any drilled and/or precast holes. Extensive coordination between the Contractor responsible for drilling and grouting the reinforcing steel dowels and this Subcontractor must take place prior to installation and grouting of these items to insure our ability to install remainder of reinforcing steel for that element
22. Furnishing and/or welding of dowels/anchors to miscellaneous steel and/or structural steel.
23. All welding.
24. Breakout dowels, FormSavers (Except at Details 20/S-640 & 1/S4.7 -- Females are FOB & Males are installed), etc. and/or installation of same.
25. Masonry steel.
26. Reinforcing for precast concrete items. (Cast on or off site.)
27. Pulling, bricking and/or chairing of wire mesh. (This work is to be performed by others and Subcontractor excludes all responsibility for positioning of mesh to its final location within the concrete).
28. Field bending of rebar other than by additive quote.
29. All site work, including but not limited to paving, sidewalks, site walls (CMU or C.I.P.), light pole bases and all storm drain items such as curb and gutter, catch basins, clean-outs, inlets, outlets, manholes, headwalls, collars, etc. unless specifically included in Scope of Work/Price.
30. Any "off site" work.
31. Protection of exposed steel for future construction.
32. Reinforcing steel and/or additional labor required due to any type of shoring system. (Tie-backs, rakers, etc.)
33. Electrical duct bank encasement reinforcing.
34. Mock-up and/or test panel reinforcing steel.
35. Tower crane block-out trim steel, additional laps and/or FormSavers required for same. (It is assumed that the tower crane is outside the building footprint.)
36. Cleaning of marks left on forms that transferred to the concrete.

POST TENSIONING EXCLUSIONS:

1. Any structural calculations to verify concrete stresses at ultimate and service loads (Shortening Calculations). (Stamping of post tensioned cable shop drawings and friction calculations are included in the pricing above.)
2. Repair of any damage to greased and coated tendons when damage is caused by Contractor or any of Contractor's Subcontractors other than CMC Rebar.
3. Marking of slabs for permanent locations of tendons, removing of staples at slab soffits, field coating of tendon anchorage's and stressing records.
4. Rust proofing, concrete grouting or dry packing, and patching of blockouts or grommet holes after stressing is complete.
5. Domestic strand (Non-domestic strand will be used unless by additive quote).
6. Deferred submittal requirements.

CONTRACTOR TO PROVIDE:

The following items are to be provided by Contractor, fully erected for use at all locations necessary without charge:

1. Accurate & level grades / elevations.
2. Proper layout lines for all concrete elements such as footings, slabs, walls, columns, openings, depressions, masonry wall dowels, etc. Subcontractor will layout its own reinforcing steel and/or P.T. cables from the contractor provided lines.
3. Templates/starter walls constructed with sufficient accuracy to support any vertical reinforcing steel and/or dowels within placing tolerances specified by Owner. Templates/Starter walls shall not be double formed before reinforcing steel is installed unless prior approval has been granted.
4. Full access to all working areas via ramps, ladders, etc. for material, equipment and manpower & level space for delivery, assembly and storage of steel, accessible to tractor-semi-trailer deliveries and adjacent to jobsite location where steel is to be installed and/or hoisted/lowered. Ramps for all work below grade and shall be maintained in place until all work below grade is complete. If above ramps are not provided, all cost for equivalent service shall be for Contractors account.
5. Sufficient staging area for prefabricating cages at the jobsite.

6. Full access to all areas of the project for at least one (1) Subcontractor Foreman's truck to provide supplies and accessories as needed for the project.
7. Adequate working CAL/OSHA approved heavy duty scaffolding / platforms as required from which mechanical coupling, stressing of P.T. cables and placing of reinforcing steel can be safely performed.
8. Adequate lighting, ventilation, electrical power, compressed air (120 PSI Min.), sanitary facilities & trash bins.
9. All forming, drilling and bracing of forms ready to receive post-tensioning tendons, including drilled bulkhead for tendon anchors.
10. All necessary field dimensions so that the material can be detailed correctly. Subcontractor shall not take any responsibility for any dimensions not shown on the drawings or those provided by others. These dimensions must be provided to Subcontractor a minimum of three (3) weeks prior to delivery and six (6) weeks if submittals and/or special materials are required.