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ATTACHMENT 2 - BID FORM
COMMERCIAL TERMS AND SCOPE OF WORK TO THE SUBCONTRACT AGREEMENT BETWEEN DPR CONSTRUCTION

AND

FROM: **Winters Electric**

PRINT SUBCONTRACTOR COMPANY NAME

ESTIMATOR NAME: Jolene Hong

EMAIL: jolene@winterselec.net PHONE: 650-910-0227

DIVISION 16000 – ELECTRICAL SYSTEMS

GATTACA

Bid Date: February 6, 2015
Bid Time: 12:00 PM PST

ATTACHMENT 2 - BID FORM SECTIONS:

A. COMMERCIAL TERMS (SCHEDULE OF VALUES)
B. SPECIFIC SCOPE REQUIRMENTS
C. ACKNOWLEDGMENTS & ACCEPTANCE

This Attachment is incorporated into the Agreement and further clarifies specific Sections of the above referenced Subcontract Agreement between the parties.

A. COMMERCIAL TERMS:

1. SUBCONTRACTOR PRICE BREAKDOWN

The following schedule of values further clarifies how the Subcontract Price was calculated and, if approved by the Owner, may also serve as the schedule of values breakdown required for processing payments in accordance with Section 4 of the Subcontract Agreement between the parties.

ITEM #	DESCRIPTION	QTY	$ AMOUNT
1.	Electrical Scope of Work		$ 2,104,878
2.			
3.			$
4.			$
5.			$
		TOTAL	

2. ALTERNATES

The Alternates listed below reflect scopes of work changes and the corresponding lump sum dollar amount adjustments that, at DPR's sole discretion, may be used to adjust the Subcontract Scope and Price. These dollar amounts include all overhead and profit markups allowed by the Subcontract.

ALT. #	ALTERNATE DESCRIPTION	ADD‖ DEDUCT	$ AMOUNT
1.	Conduit in lieu of J-hooks (for low voltage systems)	ADD	$ 35,546
2.	Owner Furnished Equipment Hook Up	ADD	$ 41,822
3.			$
4.			$

3. LABOR RATES

Unless provisions of the Prime Contract provide for other methods of determining Subcontractor labor rates, the rates listed below will be used as the basis for determining reimbursable costs and for calculating the value of any labor changes to the Subcontract Price. These rates apply for the duration of the project and include all labor burdens, fringes, benefits, taxes, and insurance allowed by the Subcontract but shall not include markups for overhead and profit.

Field Labor	CREW MIX	STRAIGH T TIME	OVER TIME (TIME + ½)	DOUBLE TIME
General Foreman	15 %	$ 145	$ 187	$ 229
Foreman	25 %	$ 137	$ 175	$ 113
Journeyman	55 %	$ 130	$ 164	$ 198
Apprentice	5 %	$ 105	$ 131	$ 156
TOTAL CREW RATE	100%			

4. CHANGE ORDER MARKUPS:

Subcontractors combined overhead and profit percentage markups used to calculate change order amounts shall be limited to the percentages allowed by the Prime Contract but, in no case shall they exceed the following rates:

	OVERHEAD & PROFIT	
DESCRIPTION	**Additive**	**Deductive**
Labor	15 %	15 %
Material	15 %	15 %
Equipment	15 %	15 %
Sub-Subcontractors	5 %	5 %

5. KEY PERSONNEL

The list of Key Personnel who are assigned to this project pursuant to Subcontract Section 13.1 is provided below.

PERSONNEL	ROLE	ON SITE %
Jolene Hong	Project Manager	100%
Aaron Marks	Project Engineer	100%
Bill Thomas	Superintendent	100%

- End of Section A, Commercial Terms -

B. SPECIFIC SCOPE REQUIREMENTS:

The Subcontractor's Work is to include, but not be limited to providing all labor, supervision, installation, layout, engineering, hoisting, unloading, parking, shop drawings, submittals, mockups, benchmarks, fabrication, materials, equipment, services, supplies, tools, facilities, transportation, storage, protection, handling, licenses, inspections, taxes (federal, state, county, local, etc.), overhead, profit, insurance, etc. as required to timely complete the **ELECTRICAL SYSTEMS – DESIGN ASSIST** in accordance with the Agreement and as more specifically defined in the Specification Sections listed below and as clarified thereafter. Enumeration of the Specification Sections herein is for the convenience of DPR and the Subcontractor and does not limit Subcontractor's responsibility to provide all of the **ELECTRICAL SYSTEMS – DESIGN ASSIST** required by the Contract Documents except as clarified in paragraphs B.2 or B.3 below.

1. SPECIFICATION SECTIONS:

SECTION	DESCRIPTION	DATE
16010	General Electrical Requirements	02/06/2017
16111	Conduit	02/06/2017
16120	Wire and Cable	02/06/2017
16130	Boxes	02/06/2017
16140	Wiring Devices	02/06/2017
16170	Grounding and Bonding	02/06/2017
16190	Supporting Devices	02/06/2017
16195	Electrical Identification	02/06/2017
16425	Switchboards	02/06/2017
16440	Disconnect Switches	02/06/2017
16461	Dry Type Transformers	02/06/2017
16470	Panelboards	02/06/2017
16480	Motor Control	02/06/2017
16495	Automatic Transfer Switches	02/06/2017
16510	Interior Luminaires	02/06/2017
16620	Engine Generator System	02/06/2017
16710	Structured Telecommunications Cabling and Enclosures	02/06/2017
16721	Fire Alarm Systems	02/06/2017
16781	Television Distribution System	02/06/2017
16821	Public Address and Music Equipment	02/06/2017

2. SCOPE OF WORK INCLUSIONS:

2.3. The **Electrical Systems** general scope also includes, but is not limited to, the following:

Pre – Construction Services
Electrical Equipment
Power to Gas manifolds
3-D Modeling
Power to Owner provided equipment
Smoke Fire Dampers Detectors

Power to Plumbing Equipment	Special Equipment Exhaust Systems
Power to HVAC Equipment	Equipment and conduit Insulation
Power to Fire Protection Equipment	Power to Elevator Equipment
Generator	FA, Security, Paging, Data
	Coordination w/ Controls Contractor
Nurse Call, Clocks	Equipment procurement & delivery
Coordination & Shop Drawings	Commissioning
Fire Proofing & Safing	Sound & Vibration Control
Roof Penetrations & Protection	Rigging
Warrantee	Start-Up, Adjustments & Testing
Owner Training	Clean-Up
As-Builts, Operation & Maintenance Manuals	Seismic & Vibration Isolation
Hangers & Supports	Penetrations
Protection from damage	Protection from dust/dirt

2.7 Radiology Equipment: Subcontractor is required to coordinate installation per approved radiology equipment submittals received during pre-construction for the following rooms: B-07, B-12, B-15, B-44, B-46, G-46.

2.8 MEPFP Equipment: Subcontractor is required to coordinate installation per approved equipment submittals received during pre-construction.

2.9 MRI Shielding: Subcontractor is required to coordinate installation with the shielding documents contained in Increment #5, Volume #4 for sheets BSS.I to BSS.II for the following room: B-I2.

2.10 MRI: MRI delivery will require delayed installation of ceiling, lights and items lower than 90" AFF in basement for delivery clearance in the following areas: B-32, B-33, B-03, B-11. Please be prepared for out of sequence work related to these rooms.

2.11 King Studs/Door Studs: Subcontractor is required to coordinate around king studs and door stud locations prior to installation of overhead utilities. Model to be coordinated prior to fabrication and installation.

2.12 Headwalls: Subcontractor is responsible for headwall point of connection, coordination of headwall validation with headwall vendor, gas cross check, certification and final trim.

2.13 Mechanical Penthouse: Subcontractor to provide for all power and data to penthouse equipment in conduit. No cable installation will be allowed in penthouse that is not in conduit.

2.14 Exterior work: Subcontractor to provide for all power and data to rooftop equipment in conduit. No cable installation will be allowed on roof that is not in conduit.

2.15 Exterior penetrations/Link Seal: Subcontractor to include and install all link seal devices through exterior wall including coordination with structure for bloc-out prior to concrete placement. Contractor responsible for waterproofing coordination at link-seal and water testing at link seal.

2.16 Pre-cast Embeds: Subcontractor shall coordinate all building perimeter utility routing with pre-cast embeds. Penetrations shall be precisely placed and installed to eliminate structural conflicts.

2.17 Operating Room Booms: Subcontractor shall include coordination and final connection to all operating room equipment booms. Subcontractor shall include coordination with owner equipment vendor for final connection, testing and certification.

2.18 Equipment Start-Up Coordination with the Plumbing, HVAC, Balancing, Electrical, Controls and Fire Protection contractors will be required for start-up and commissioning no later than three (6) weeks after project award. At this time a plan will be reviewed which shall include a list of each piece equipment, scheduled time duration, personnel required and affected areas of operation. Include any costs associated with this coordination and start-up for your personnel.

2.19 Commissioning Complete mechanical system shall be operated for a period of 72 hours prior to system commissioning. Provide system commissioning and functional performance tests. Provide DPR Construction with a written plan for start-up and commissioning no later than one (2) month after project award. This plan shall include a list of each piece equipment, scheduled time duration, personnel required and affected areas of operation.

2.20 Roof Penetrations. Coordinate roof penetrations with general contractor, these openings will be by others. Provide all curbs, flashing, counter flashing, caulking and sealants for all equipment, ductwork and piping penetrations required for the work of this subcontract.

2.21 Subcontractor shall provide pitch pockets, counter flashing, roof jacks, etc., which are required for roof penetrations, supports, etc.

2.22 Al subcontractors are required to submit a copy of their Injury and Illness Prevention Program (IIPP and MSDS) to DPR Construction, Inc. prior to commencement of their work onsite.

2.23 All subcontractor employees must be oriented to their employer's safety program, DPR's site specific safety program, and the safety program of the owner.

2.24 Safety Protection of any openings for this scope of work will be the responsibility of this contractor. Note safety requirements in the Instructions to Bidders.

2.25 Subcontractor's safety personnel are responsible for attending all required meetings and for performing construction safety inspections twice daily and identifying, resolving, and documenting any construction safety related concerns throughout the site.

2.26 Subcontractors shall not cut into any existing piping, ductwork, conduit, loose wiring, etc. without first confirming that the line is inactive and then only after obtaining the approval of DPR Construction, Inc. and the Owners facilities department.

2.27 No gas or other fuel powered equipment may be used in enclosed buildings without prior written permission from the DPR superintendent and adequate implementation of building exhaust measures at the work area.

2.28 The subcontractor has overall responsibility for accident prevention and implementation of both the DPR Environmental Health and Safety Plan and the owner's safety program for all personnel on site.

2.29 Roof penthouse will have part of the roof held off in order to load the penthouse with equipment. Subcontractor is responsible to use the hole for rigging of equipment into place.

3. SCOPE OF WORK INCLUSIONS:

3.1 Furnish all labor, material and equipment to complete all ELECTRICAL work as described in and shown on the contract documents.

3.2 Disconnect incoming power in the basement and remove feeders back to the box (boxes) in the street prior to the start of demolition of the existing building.

3.3 Sitework:

a. Four (4) electrical vaults in streett. Include the vaults, all excavation, backfill, and off-haul of spoils. (Three in base bid and the fourth as alternate add on a separate line item.)

b. Conduit and wiring from boxes into the building. Include all excavation, backfill, and off-haul of spoils.

c. The feed to the vaults and the interconnecting work between vaults and transfer switch to be by PG&E.

d. Incoming communications, cable, television, telephone conduit per sheet C4.3. **Number and size of conduits to be added by addendum.**

e. Coordinate the location of utility service lines, boxes, connections, etc, so as not to interfere with structural, site utilities.

f. Power to fans in PG&E vaults (3). (Provide the 4th as an alternate add)

g. C4.3, note 32: remove existing underground electrical conduits and conductors and backfill trenches.

h. C4.3: note 33: 2-5" conduits for fire pump service.

i. C4.4, notes E and I: re-route new telephone conduit, conductors, etc. to existing building on the east side of James Alley.

j. C4.4: note 6: remove street light, conduit, wire, etc.

k. C4.4, note 8: remove telephone conduit, wires, boxes, etc.

3.4 Requests for additions to the project scope will be labored in accordance with the 2008 edition of the NECA Manual of Labor Units (Level 1 or 2 as mutually agreed upon). Materials will be priced in accordance with (then current) Trade service, end column price levels minus twenty percent.

3.5 Coordinate with PG&E and solar panel vendor at roof to ensure Photo Voltaic system is functioning and operational. Install conduits and wire from combination box to inverter and from inverter to electrical panel, grounding, and breakers in panel box per PV drawings and notes.

3.6 Unistrut assembly behind the elevator shaft to support the electrical risers (currently shown in model, not shown on drawings).

3.7 Light fixtures as specified.

3.8 Life safety system as specified..

3.9 Telecom system as specified..

3.10 Security system as specified..

3.11 Provide backing for all electrical work.

3.12 Locate remote fire alarm panel in the building lobby space.

3.13 Provide independent supports for all electrical work.

3.14 Provide lowry pads where shown or specified and in any acoustically insulated drywall. Also, provide fire-rated pads at any electrical items in rated walls greater than 16 square inches.

3.15 Survey elevations of work in place relative to the established benchmark in advance of the ceiling grid and drywall ceiling framing start dates. Relocate any work that falls below the pre-established minimum clearance. Any items that cannot be relocated due to conflicts with other trades or the structure should be identified immediately, in writing, to DPR's superintendent for resolution.

3.16 Test and troubleshoot all power outlets and switches prior to punchlist.

3.17 Remove and dispose of protective coverings from light fixtures after the floor coverings are in place and before final clean-up. Clean dust and finger prints from fixture lenses.

3.18 In addition to electrical drawings, see architectural drawings for all required quantities and types of electrical, telephone and data outlets, fixtures, etc. Allow for greater quantity.

3.19 Installation of work in more than one area at a time may be required. Installation in completely open areas cleared of all other trades and all stored materials can not be guaranteed. Subcontractor is required to work closely with DPR to coordinate the installation of its work with the work of others. Out of sequence work may be required but should be minimized through development of mutually agreeable schedule.

3.20 **Coordination with other trade Subcontractors:** All power wiring, including final connection, shall be provided by Subcontractor, unless otherwise specified. Coordinate with other subcontractors to verify that the power requirements for their equipment are compatible with the provisions of the electrical drawings. Any discrepancies are to be brought to the attention of DPR, in writing, within ten (10) days of receipt of approved equipment submittals from other subcontractors. Subcontractor shall be responsible for any costs, including delay costs, due to its failure to comply with this requirement.

3.21 Unless otherwise specified as an integral part of equipment, Electrical Subcontractor shall provide all disconnect switches, remote switches, motor starters, relays, test switches, etc. Electrical Subcontractor to make all power and life safety connections to equipment. Coordinate with other subcontractors to ensure than any required factory pre-wiring is complete and located properly.

3.22 Provide all electrical work for elevators except work performed in the cabs and hoistways as required per the contract documents and the electrical and elevator codes.

a. Provide raceways from the elevator machine room to the elevator control/status panel in the fire control room and/or remote fire command center.

b. Provide raceways as required to route outside phone lines to elevator machine room. Coordinate with the Elevator and/or Telecommunication Subcontractors.

c. The emergency intercom system will be installed in the Fire Command Center. Install conduit and wiring from each elevator control room to the Fire Command Center. The intercom system requires four (4) convenience outlets at eachmachine room or control room and two (2) at the Fire Command Center.

3.23 Subcontractor shall provide wiring and hook-up to all components including connections to fire protection alarm devices (flow and tamper switches and associated bells and lights) installed, set and adjusted by Fire Protection Subcontractor.

3.25 Provide power and control work for generator, fire pump and jockey pump complete including raceway and wiring from controllers to pumps, between controllers and related to ATS and remote annunciators in fire control room. Make final connections. Provide power for remote annunciators and pre-action systems. Coordinate requirements with Fire Protection Subcontractor.

3.26 Provide complete all electrical work required for the mechanical system. Coordinate with HVAC Subcontractor to verify that the power requirements (including means of starting, voltage, phase, and disconnects) for HVAC equipment are compatible with the provisions of the electrical drawings.

3.27 Subcontractor shall furnish duct detectors to HVAC Subcontractor for installation and provide hook-up after installation. Provide related interlock work including for fans and dampers.

3.28 Provide power and control complete, as required for the fire alarm system, for all fire/smoke dampers, including dampers requiring control by a local device such as an adjacent area or duct smoke detector. Dampers, actuators, end switches, interlock wiring to BMS, and power and control for control-only dampers will be done by HVAC Subcontractor. Provide power to HVAC control panels.

3.29 Provide single point power connection for equipment with VFD's. VFD's will be furnished and installed by the Plumbing and HVAC Subcontractors. Control and interlock conduit and wiring for VFD's will be done by the Plumbing and HVAC Subcontractors.

3.30 Subcontractor shall provide wiring and hook-up for electric hardware including hold open closures, magnetic door holders and related switches. Also, provide the mounting of the magnet. Layout and anvil mounting are by others. Security hardware such as electric locks and hinges to be wired by the Security Subcontractor.

3.31 Automatic transfer switch (ATA) for fire pump.

3.32 Electrical work designated on the Civil drawings

3.33 The electrical connected to the existing building will be pulled back to boxes under adjacent street to facilitate building demolition. This old service will be used as the power source for the project temp power system per the temp power single line (TP.1).

3.34 Include the temp power per the Temporary Power single line TP.1? Note that spider boxes, their associated feeder cables, and all the temp power scope currently stated in the electrical Attachment 2 are in addition to the work stated on the temp power single line.

3.35 Include all work associated with coordinating, expediting, integrating, etc the power and tel/data connection with the various utility agencies will be the responsibility of this contract.

3.36 The fire alarm conduit must be completely installed in conduit and must not share supports with any other system.

3.37 Assume that the testing for all building systems such as Fire Alarm, Nurse Call, PA, Security, Med Gas, etc will be done with each of the following agencies separately and independently as a minimum.

a. Installation contractor
b. General Contractor
c. Fire and Life Safety Inspector
d. Inspector of Record Testing

3.38 Base bid should include labor and material escalation thru the end of 2013. There will be no additional funds allocated for material or labor escalation.

3.39 The installation of all Med Gas panels, lights and alarms as well as system back boxes and all interconnecting system conduit and wire is to be a part of the electrical scope.

3.40 All vertically mounted conduit must be supported per CBC 1632A.6 section Vertical Supports for Electrical Equipment.

3.41 All conduit penetrations must be able to limit the thermal transfer of heat between the floors or other areas. In order to meet the required “T” ratings, Hilty Intumescent Donuts must be used at all penetrations between areas where fire breaks are required.

3.42 The emergency generator must have an on-site load bank test preformed which will test the generator’s operation at full load. Included the cost of the load bank, as well as all connection, disconnection, delivery, set- up and tear down time.

3.43 Generator fuel must be included for all testing. Also the generator must be left with a full tank when all testing and start-up is complete. Fuel for this generator is the responsibility of the electrical subcontractor. Included all associated fuel costs.

3.44 If not currently included in the design, add a Lighting Control Panel for the exterior lights as well as one for interior lights. (total of 2)

3.45 All UPS system cooling interconnections must be included as part of the UPS installation. This is part of the electrical scope, not mechanical.

3.46 Electrical conduit riser assembly opposite the elevator shaft in the electrical rooms is modeled with a integral unistrut assembly. This assembly is only shown in the model. Include money for this uni-strut assembly at all floors.

3.47 The electrical conduit riser assembly will be installed out of sequence due to the tower crane location. Included money to support temporary electrical riser infrastructure that supports all testing and horizontal build-out without permanent riser installed. Included labor to bring the primary riser system online and final test all floors to meet schedule.

3.48 Telecom/Cable/Phone connections in are Street to building are unknown and have not been fully designed by vendors. Included cost for pull boxes in street to MPOE.

3.49 The elevator machine room has changed locations to R-03. The service Elevator controller has moved from level 4 to the roof. Include money for this revised location and

configuration and include money for the revised service elevator. This was included in Amendment C with new elevator drawings posted 10-05-10.

3.50 All work associated with coordinating, expediting, integrating, etc the power and tel/data connection with the various utility agencies will be the responsibility of this contract.

3.51 Provide conduit at patient rooms instead of J hooks

3.52 Provide Safety Personell for Crew size over 20 throughout project

3.53 Provide Conduit in lieu of AC Cable for Critical Branch Circuit

3.54 Contract a portion of Electrical work to Local Asian Subcontractor

Temporary Power and Lighting:

a. Provide the main switchboard, transformer, and any other components required to install the requested temporary service.

b. 480v temp power to the elevator and manlift equipment in the elevator machine room.

c. Provide, protect and maintain all components of a complete temporary power service and distribution system to provide temporary power and lighting for the project.

d. Provide temporary power boxes on each floor within 100' of any location on the floor into which 110V and 220V equipment can be directly plugged. Provide cords upstream from boxes. Cords downstream of boxes will be furnished by other trades for their own equipment.

e. Provide twenty (20) light stands with 100' chords for use by other subcontractors for task lighting within the units. Turn over these light stands to DPR for distribution to the other subcontractors.

f. Provide temporary lighting at core area, in stairs, and as needed for safety and construction including mechanical rooms, corridors, elevator lobbies, etc. Provide for maintenance of temporary lighting including walking the building daily to survey temporary lighting and replacing lamps as needed.

g. Provide temporary power and phone service to construction trailer.

h. Subcontractor shall be responsible for sealing any sleeves used for temporary power after removal of temporary power. Patch or repair any existing work distributed or damaged by temporary power routing.

i. Relocate and reroute temporary power as required to allow other trades to complete their work. Should Subcontractor run the temporary power cabling up the telephone sleeves, any re-routing to facilitate the communications cabling will be performed at the Subcontractor's expense.

j. Subcontractor shall provide any maintenance of its equipment which may be necessary during its temporary construction use so that such equipment can be cleaned and refurbished upon completion of its temporary use and turned over to the Owner with full warranties and guarantees required by the contract documents. Replace any burned out or otherwise non-functioning lamps or other components as required due to temporary construction use. Such equipment includes but is not limited to electrical switchgear and lighting. Touch up paint on all equipment.

Emergency Power System Testing:

a. Subcontractor shall coordinate with DPR for the installation and testing of the Emergency Power System. Testing will be done after normal business hours if necessary. Manufacturers of emergency equipment and, if necessary, of equipment connected to the system, shall have personnel available during all testing to operate and/or troubleshoot their equipment at no additional cost.

b. Subcontractor shall develop written test procedure that meets the approval of the emergency equipment manufacturers and any other applicable component manufacturers. Submit to DPR and the peer review electrical consultant for review and approval prior to testing.

c. Subcontractor, with the cooperation of other subcontractors connected to the system, shall conduct and document testing of this system for the Owner, Consultants, and the SF Fire Marshall whose witness or acceptance is required to obtain necessary operating permits, warranties, etc.

d. Coordination of all elements of the load bank testing, space and access requirements for the equipment, scheduling, and related trade Subcontractors. Also make provisions for cabling of load banks and transportation of same.

e. Provide fuel oil required for testing and leave tank in its filled capacity prior to acceptance.

f. Generator exhaust piping, insulation, and scrubber.

Life Safety System Testing:

a. Subcontractor shall closely coordinate their work with DPR and all other trade Subcontractors involved in the life safety system.

b. Electrical Subcontractor shall take ownership of and shall schedule and conduct complete system tests and inspections, and shall prepare checklists to facilitate and document each test. Tests shall be in three phases. Phase I will consist of a complete series of “in-house” tests to verify a fully operational system, including all devices and systems, to the satisfaction of DPR. Phase II will be a complete series of tests observed and documented by M.E.P. Engineers and possibly an independent third party. Phase III will be a complete series of tests to satisfy the requirements of the SF Fire Marshall. Other subcontractors will participate in the testing as required.

c. Tests and inspections that would impede the work of other trades shall be conducted after normal working hours. Subcontractors having work that is a part of the life safety system shall have personnel available during all tests to operate and troubleshoot their equipment. The cost for retesting required due to the failure or incompleteness of Subcontractor’s work shall be charged to their account.

d. Subcontractor shall energize the life safety system components for pre-testing by respective Subcontractors to meet the project schedule.

e. Each Subcontractor is responsible for insuring the complete independent operability of their system components in order that complete integrated life safety testing can begin as scheduled.

f. Subcontractor shall provide a complete life safety system as required to satisfy the authority having jurisdiction whether all necessary components and devices are shown on the contract documents or not.

g. Provide conduit and wire from fire pump controller to the fire control room required to satisfy the fire department (i.e. fire pump remote status panel(s), etc.).

h. Overtime work may be required in the months leading up to TCO to complete the life safety work. No costs will be entertained for compounding of work or overtime to meet the milestone completion dates.

NO OTHER EXCLUSIONS, CLARIFICATIONS OR QUALIFICATIONS PROPOSED BY SUBCONTRACTOR ARE PART OF THIS AGREEMENT IF NOT EXPRESSLY ENUMERATED HEREIN.

- End of Section B, Specific Scope Requirements -

Exclusions:

1. Sawcutting and Coring
2. Lighting Controls
3. Items not shown on electrical drawings