



Sparky's Electrical

BID/BUDGET PROPOSAL

TO: DPR Construction

DATE: February 6, 2020

ATTN: Estimating

PROPOSAL No.: SD18N0172

JOB: SoundWave Studios

ELECTRICAL BID/BUDGET:

Furnished and installed, taxes included, per the following documents:

- Drawings E-001 through E-704, ET-001 through ET-602, dated 9-21-18, Bug ID AV drawings
- Div 26 & 27 Specifications dated 7-20-18
- RFI Log 10-5-18

NO ADDITIONAL DOCUMENTS, SPECIFICATIONS, OR ADDENDA HAVE BEEN INCORPORATED AT THIS TIME.

Sparky's Electrical Corporation is a Woman Owned Business as certified by the Women's Business Enterprise National Council, 2005121975; City of Los Angeles, CCA-8795; and the California Public Utilities Commission, 7LN00020.

THANK YOU

Sparky's Electrical Corporation

SoundWave Studios

Total Price

Line Item	Scope	Value
1.	Electrical Project Total	See Bid Form

Alternates NOT INCLUDED in Base Bid

Line Item	Scope	Value
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.	ADD for Performance and Payment Bond	$\frac{3}{4}$ of 1% of Contract Value

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Exclusions

1. Performance and payment bond cost.
2. Premium time or shift work
3. Temporary power and lighting.
4. Utility company charges of any kind.
5. Engineering, plan check, permits and fees.
6. Parking fees.
7. Bid allowances.
8. Insurance coverage for mold, other fungi or bacteria, or any liability for the same.
9. Work in areas containing hazardous materials above permitted tolerances
10. Work in areas where our employees would encounter exposure to silica levels in excess of OSHA standards. We have not included current or long term cost associated with respirators.
11. Installation of owner-furnished equipment
12. Installation of access panels.
13. Miscellaneous metals required for additional seismic bracing, due to insufficient building structure or decks.
14. Louvers and lenses for architectural light coves.
15. Seismic ceiling wires for Light Fixtures and other devices (furnished and installed by others, connected by us)
16. Fire-rated enclosures for fixtures, panels or boxes over 4" square.
17. Mechanical control conduit and control wiring at any voltage.
18. Furnishing and installation of motors including Variable Frequency Drives.
19. Removal, replacement and/or reinstallation of ceiling tiles.
20. All code upgrades and re-support of existing conditions.
21. Testing, troubleshoot or maintenance of existing wiring, fixtures and any other electrical equipment
22. X-raying of concrete in preparation for coring or sawcutting.
23. Formed and finished concrete (pole bases complete, barrier posts, housekeeping pads, above-grade conduit encasement, etc.).
24. Plywood backboards.
25. Miscellaneous metal supports for electrical system equipment such as wall-mounted TVs, TV radio mast supports, satellite dishes, A/V equipment and similar

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Exclusions

- 26. Demolition (disconnect and make safe for removal by others)
- 27. Saw cutting, removal and patching of asphalt or concrete; painting other than factory finishes; cutting of special wall finishes and furniture for electrical devices; structural fireproofing, patching or scraping; patching; and sealing of roof penetrations.
- 28. All low voltage systems wiring & equipment unless noted otherwise.
- 29. Installation of in-duct smoke detectors.
- 30. Furnishing and installation of flow and tamper switches.
- 31. Installation of door holders for the fire system.
- 32. Monitoring of specialty systems (fire alarm, security, etc.)
- 33. Relocation of existing generator, fuel oil, exhaust piping, and fuel piping to remote fill station.
- 34. Furnishing of generator fuel
- 35. 3D record / As-Built Model. 3D modeling is completed at coordination sign-off
- 36. 2D record / As-Built Drawing processing
- 37. No asset management / building maintenance

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Clarifications

1. The Bid Price applies to the award of the complete project; any breakdown of pricing is provided for proposal evaluation purposes only.
2. The Bid Price is based on a straight time schedule of 1 shift working 8 hours per day, 5 days per week, Monday through Friday excluding holidays.
3. Based on the type of construction and the schedule duration, this project does not require an electrician on-site full time, therefore a full time electrician has not been figured
4. This bid is based upon the current design documents. Please note that Sparky's Electrical is not the engineer of record for this project and cannot guarantee the completeness of the plans and specifications and their compliance with current Title 24 standards.
5. General contractor shall provide access to the site for deliveries.
6. General contractor to provide parking within 100 yards of the construction site for Sparky's Electrical personnel.
7. The Bid Price is based on utilization of the construction site for the storage of materials and placement of a job trailer.
8. The Bid Price includes a one-year warranty.
9. This Bid Price is based on the utilization of MC cables in concealed areas.
10. Ceiling wires to be furnished and installed by others.
11. The Bid Price includes utilization of soft wiring for accessible recessed fixtures, except those on emergency circuits.
12. The Bid Price is based on all conduit and boxes being installed prior to installation of any drywall.
13. Sparky's Electrical Corporation reserves the right to manage and layout the temporary power and lighting systems , including methods and materials, in accordance with the type of building and requirements of the equipment. Temporary lighting for access and egress lighting will meet minimum foot candle requirements of applicable OSHA, federal, state, county and city codes and regulations. It shall be the responsibility of each trade subcontractor to provide their own task lighting for the installation of their own work in accordance with the above listed regulatory agencies
14. In the event that performance and payment bonds are required for the project anticipated by this proposal, no retention shall be withheld from progress payments issued to Sparky's Electrical Corporation.
15. The Bid Price is based on a reasonably leveled schedule and access to the electronic version of the project schedule. Submitting a bid does not constitute acceptance of the schedule.
16. Sparky's Electrical Corporation and its surety object to language in performance and payment bond forms and/or contract/subcontract agreements that does not limit the penalty sum for this project to the Contract Price (commonly referred to as "zero penalty sum" bonds). In the event that the agreement or forms submitted to Sparky's ELectrical include such language, negotiations will be required to arrive at mutually acceptable modifications thereto."

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Clarifications

17. We respectfully request an opportunity to modify certain provisions of the subcontract agreement before executing it.
18. The Bid Price assumes that either the Owner or the General Contractor will maintain Builders Risk coverage for the Project site.
19. Neither party (including indemnities of any tier) shall be liable to the other party for any special, indirect, incidental or consequential damages whatsoever whether in contract, tort (including negligence) or strict liability including, but not limited to, loss of use or underutilization of labor and facilities, loss of revenue or anticipated profits, cost of replacement power or claims from customers, resulting from a party's performance or nonperformance of the obligations under any Agreement to perform the Work proposed herein, or in the event of suspension of said Work or termination of any such Agreement.
20. Sparky's Electrical Corporation will adhere fully to all OSHA rules regarding personal fall arrest systems, personal fall restraint systems and positioning devices. The adoption of any measures above and beyond OSHA rules will be reviewed on a case-by-case basis.
21. Change orders are priced at NECA labor score and SEC material pricing policy.
22. Sanitary facilities, adequate drinking and potable water, and off-site disposal are to be provided by others.
23. Bid is based on our employees not working in areas where they would encounter exposure to silica levels in excess of OSHA standards. We have not included current or long term cost associated with respirators.
24. Conduit according to plans for communications, security, CCTV, intercom / PA, and AV systems (equipment, AV boxes, & wiring F&I by others)
25. Wire basket for LV cables according to plans.
26. The Bid Price is based on conduit stub-ups to accessible ceiling or cable tray for the LV systems.
27. Our price Includes design build fire alarm system equipment, wiring, and permitting.
28. The Bid Price includes furnishing and connection of in-duct smoke detectors, with installation of same to be completed by the mechanical contractor
29. Connection to existing relocated generator (existing generator relocation, testing, commissioning, permits, & fees by others).
30. Our price is based on all of the emergency lighting being fed from the lighting inverter.
31. Lights, controls, and inverter subject to approval.

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Clarifications

32. Our Bid Price includes BIM Modeling and Spatial Coordination for the project per the following parameters:

- a) Modeling of light fixtures including no-fly zones
- b) Modeling of electrical distribution equipment including electrical room size verification
- c) Modeling of individual conduits 1 1/2" and larger
- d) Modeling of conduit racks 12" and wider
- e) Model population to LOD300, we will provide LOD400 for all elements requiring prefabrication.
- f) Branch devices, boxes and conduit are not included
- g) Specialty systems devices, boxes and conduit are not included

33. Our Bid Price includes I-color cove indicated on AC3.1.

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	\$ AMOUNT
001	Tenant Improvement Scope	\$ 3,707,520
002	Data Center Scope	\$ 403,875
003	Sound Pods/Foley/Sound Offices	\$ 360,320
004	Feature Stair	\$ 7,890
005	Restroom Cores	\$ 66,760
006	2 nd Floor Courtyard	\$ 11,180
007	1 st Floor Courtyard	\$ 7,720
TOTAL		\$ 5,640,265

See Subcontract Section 3.2 for Subcontract Price.

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.

ALTERNATE #	ALTERNATE DESCRIPTION	ADD/ DEDUCT	\$ AMOUNT
1	Energy Metering of all Owner Equipment	ADD	\$ N/A
2	Rough in for speakers in lobby (see 01 23 00 A.1.g)	ADD	\$ N/A
3	Rough in for exterior speakers (see 01 23 00 A.1.j)	ADD	\$ N/A
4	Firestopping for this scope of work	ADD	\$ 9,500
5	Quietseal/Caulking: All penetrations at Sound areas require Quietseal and all other penetrations require caulking.	ADD	\$ 7.50 E
Total of Subcontractor Proposed Alternates			

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. All costs including but not necessarily limited to all labor burdens, fringes, union benefits, payroll taxes, workers' compensation and liability insurance, etc. shall be reflected in these rates. The rates shall also include costs associated with all direct and indirect job expenses such as warranty and administration costs, small tools, training, consumables, travel time, pick-up trucks, delivery charges, cartage, detailing, as-built drawings, shop burdens, safety (including meetings), parking, supervision (both on-site and off-site) and other associated field office expenses (no additional add-ons will be allowed when pricing change orders). These rates shall not include a mark-up for overhead (i.e. home office administration, estimating, and management), profit or fee.

	CREW MIX	STRAIGHT TIME	OVER TIME (TIME + ½)	DOUBLE TIME
General Foreman	5 %	\$ 111.07	\$ 145.62	\$ 180.18
Foreman	10 %	\$ 101.38	\$ 134.22	\$ 167.08
Journeyman	40 %	\$ 88.28	\$ 118.73	\$ 149.20
Apprentice	20 %	\$ 77.98	\$ 97.98	\$ 122.92
Other Construction Wireman	25 %	\$ 60.36	\$ 82.58	\$ 104.78

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 Scope** 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 Scope** required by the Contract Documents except as clarified in paragraphs B.2 or B.3 below.

1. **DRAWINGS:** The following drawings apply to this subcontract. Reference Attachments 1 and 1A for a full listing of documents.

9/21/2019	SoundWave Studios. Issue for Bid
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2. **SPECIFICATION SECTIONS:** The following specification sections apply to this subcontract. Reference Attachments 1 and 1A for a full listing of documents.

Div 01	General Requirements
Div 22	Plumbing as relates to Electrical Requirements
Div 23	HVAC as relates to Electrical Requirements
Div 26	Electrical - Complete
27 05 26	Grounding and Bonding for Communications Systems
27 05 28	Pathways for Communications Systems

3. INCLUSIONS:

	The costs of the APCD and TA permits for the generator. Subcontractor shall also complete the APCD and TA permit forms and file the applications.
	Generator relocation with decommission/recommission
	<p>Design, furnish, install, and maintain a temporary power and lighting system during the course of construction, as required, so that all trades may perform their work safely, efficiently and in a workmanlike manner. Scope of work is as follows:</p> <p>Temporary power may come from the permanent building service.</p> <p>Subcontractor shall provide a grounded and weatherproof power distribution system sufficient to accommodate construction operations requiring power, use of power tools, minor electrical heating loads, lighting and start-up testing of permanent electric-powered equipment prior to its permanent connection to the electrical system. Locate multiple outlets (not less than 4-Gang) at each story of construction, spaced so that the entire area of construction can be reached by power tools on a single extension cord of 100 feet (max. length.)</p> <p>The temporary work shall be maintained and removed as directed by DPR. The building and/or the construction site shall be sufficiently illuminated so that construction work can be performed safely. DPR requires a minimum, average light level greater than eight (8) foot-candles of illumination (With no area less than five (5) foot-candles) for general construction activities in the work area. Subcontractor shall run the circuits for the temporary lighting in the deck along the beam lines. Therefore, the electrical contractor shall furnish and maintain sufficient temporary illumination devices to assure compliance with this request. Cost of task lights is by others. Others will pay the cost of power consumed. Cost of lighting maintenance and cost to "take down" and "re-install lights" as required by the construction sequencing is by the electrical subcontractor.</p>

	Conduit below slab on grade: Subcontractor shall install all conduits below the slab on grade with a minimum of 2" of sand cover. Subcontractor shall install their conduits after the sand bedding has been installed. Conduit shall NOT be installed in the concrete.
	Sawcut and remove for any work below slab on grade. Also, removal of spoils. Patch back shall be by others.
	BIM coordination in accordance with the BIM plan.
	Confirm electrical voltages and loads with those available to ensure that they can be connected. Safety switches, "loose" starters, circuit breakers, appropriate supports for starters and disconnects and electrical connections shall be provided by Subcontractor. Provide disconnect switches, with appropriate supports, for all major equipment.
	Install VFD's, including appropriate supports, furnished by mechanical contractor. Final connection from VFD to equipment shall be by Subcontractor.
	Power and rough in for the audio/visual systems in accordance with the A/V and electrical drawings.
	A closeout package that includes CAD as-built drawings.
	Furnish and install all final electrical connections to owner furnished equipment.
	Rough in for voice/data cabling in accordance with the electrical and technology drawings.
	Furnish duct smoke detectors and connect to fire alarm system including final connections to HVAC for proper shutdown. Installation of the duct smoke detectors shall be by the Mechanical Contractor.
	Power and connection to all fire smoke dampers (coordinate locations with Mechanical drawings).
	Connection of door hold opens to the fire alarm system (locations as shown on the Electrical drawings and Door Schedule).
	Power to all motorized projection screens and motorized blackout shades/mechoshades (confirm locations with Architectural drawings.)
	Rough in for all card reader locations as shown on the Electrical drawings, Security Drawings and as indicated on the Door Schedules.
	Spare breakers where the panel schedules do not indicate spare, space or a load.
	Attic stock as indicated in the specifications
	Dedicated homeruns to all outlets rated greater than 20A.
	Subcontractor shall provide all core drills necessary for their scope of work. (including coring of masonry.)
	Obtain and pay for all permits (state, federal, county, local, environmental and government) required for this work.
	Rough in and power requirements for the audio/visual systems.
	A pre-engineered seismic restraint system to meet total design lateral force requirements for support and restraint of conduit, cable tray and equipment where required by code
	A complete design/build fire alarm system with voice evacuation. Note – exist system is EST by Red Hawk Fire and Security.
	Subcontractor shall include all electrical scope, including all related electrical work shown on architectural, mechanical, plumbing, civil, landscape, security, technology, sound audio/visual, and structural drawings.
	Initial fill and top off after testing of the generator fuel tank.
	Point load plan as part of the BIM process.
	Cable tray and seismic supports.
	Furnish access panels necessary for this scope of work. Install will be by others.
	All shutdowns shall be performed off hours. Coordinate times with DPR.

4. EXCLUSIONS:

	Scissors lifts on the second floor. They are NOT allowed, as noted in the Instructions to Bidders 1.2.c.ii.

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 -

APPROVED AND ACCEPTED BY:

CONTRACTOR:

DPR Construction

By: _____

Name: _____

Title:

SUBCONTRACTOR:

Sparky's Electrical Corporation

By: _____

Name: _____ Title: _____

Title: