



**RF-Electrical Contracting**  
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<b>Job Site →</b>	2371 Longfellow Avenue		Scotch Plains NJ, 07076	
Customer Name	E-mail	Home	Cellular	Work

Permit #	Building Dept	Name / Description			Document Date

↓ notes	Qt	Ea.	Total
<b>MAIN ELECTRICAL SERVICE</b>			
<b><u>Existing Main Service Needs Additional Circuits –</u></b> <ul style="list-style-type: none"> <li>The existing service is 100-amp which is the Minimum required to supply a single family home,</li> <li>Currently it <u>has sufficient capacity</u> but <u>does not</u> have enough circuit spaces for the new wiring.</li> <li>the existing main panel location is not code compliant as it is in the corner of the closet making very difficult to access for, however it is not required to replace the panel since it is allowed by the rehab code</li> <li>I see two possible options to allow for the new circuits. Below:               <ol style="list-style-type: none"> <li>OPTION 1 - The existing Sub-Panel can be removed and replaced with a larger panel to accommodate the additional circuits needed</li> <li>OPTION 2 - The existing service can be upgraded to 150 or 200-amp with all of the circuits incorporated on to one large panel, this would be installed directly in front of the door opening which would provide adequate access</li> </ol> </li> </ul>			
<b><u>Service option 1 - 80-Amp Sub-Panel –</u></b> with a Good-quality <u>Square "D" Home-Line</u> 30 circuit breaker panel, remove the existing panel and feed, replace with new larger panel to accommodate all the new circuits. <b>Note:</b> this does not include updated grounding etc	1		
<b>MISCELLANEOUS</b>			
<b><u>Remediation &amp; Notes –</u></b> <ul style="list-style-type: none"> <li>Remove obstructive wiring which inhibits the progress of the Renovation including: removing the existing bedroom, stairway and attic wiring were necessary</li> <li>Two high quality fans are included in the contract as per customer request, although only one fan is shown on the prints. <u>Economy</u> Exhaust Fans are <u>not</u> included as the customer expressed concerns about the cheap fan in their existing bath</li> <li>Demolition could expose additional unforeseen conditions that may require additional costs</li> </ul>			
<b><u>Kitchen - Garbage-Disposal -</u></b> with dedicated 15 amp circuit, locate switch, in the sink cabinet, install a cord on the owner supplied disposal unit.	1		
<b>OUTSIDE</b>			
<b><u>Rear outside Wall Lights &amp; switch -</u></b> install wiring fished through the wall, notching may be necessary	2		
<b><u>Rear outside GFI receptacle -</u></b> install wiring fished through the wall, notching may be necessary	1		
<b><u>Rear outside Grill Area GFI receptacle -</u></b> install wiring fished through the wall, notching may be necessary. this is an estimated cost as the installation of the wiring and receptacle will be determined by the mason contractor.	1		
<b><u>Rear outside Awning GFI receptacle &amp; Switch -</u></b> install wiring fished through the	1		

wall, notching may be necessary			
<b>HVAC</b>			
<b>Outdoor - Air-Conditioning Condenser Unit Wiring</b> – for The <b>Second Floor System</b> on a dedicated 30-Amp/240-volt circuit with one outdoor disconnect	1		
<b>Outdoor - Condenser Area Weather-Resistant GFI Receptacle</b> – in a weather-proof <a href="#">Recessed box</a> with in-use cover within 25’ of the air conditioning units as required by code.	1		
<b>Attic - Air Handler/Furnace Wiring</b> - Supply and install dedicated 15-amp/240-volt circuit for <b>Attic</b> air handler. include one receptacle & light as per (NEC 210.70)	1		
<b>SMOKE ALARMS</b>			
<b>Smoke Detector - 2<sup>nd</sup> Floor -</b> remove the existing unit and reinstall in the bedroom	0		
<b>Smoke Detector – 3<sup>rd</sup> Floor -</b> Supply and install one new unit interconnect to system	0		
<b>Heat Detector - Attic</b> – as required if a gas heating system will be located in the attic.	1		
<b>2<sup>ND</sup> FLOOR</b>			
<b>Stairway – lighting and Switches</b> – Supply and install two 3-way switches and light	2		
<b>15-amp Arc-Fault Circuits</b> – for the new wiring	1		
<b>Duplex TR-Receptacle Outlets</b> - on a general purpose circuit	7		
<b>Bedroom - Paddle Fan/Light &amp; Wall Box</b> - with new Fan Support Ceiling Box and wall outlet for Fan/Light Control, Assemble & Hang <u>Owner Supplied Fan &amp; Wall Control</u> .	1		
<b>Bedroom - Recessed Lights - 6" IC Rated</b> - with 65w R-40 bulb,	3		
<b>Bedroom - Decora Dimmer (Single) <i>Divia Style</i></b> - for single location dimming.	3		
<b>Closet - 2-Foot Fluorescent Light &amp; Wall Switch</b> - With electronic ballast, 1-bulb fixture with plastic lens.	1		
<b>BATHROOMS</b>			
<b>HALL BATH – Replace Vanity light</b> - with owner supplied fixture	1		
<b>GFI Protected Receptacle &amp; dedicated</b> -20-Amp Circuit adjacent to vanity.	1		
<b>Additional GFI Protected Receptacle</b> - adjacent to vanity.	1		
<b>Two Vanity Area - Wall Lights &amp; <i>Divia Dimmer</i></b> - with owner supplied lights. <b>Note;</b> some minor sheet rock repair may be necessary to properly locate the wall light fixture, This repair will not be the responsibility of RF Electric			
<b>One - 6" Recessed Bathtub light &amp; <i>Divia Dimmer</i></b> - with water proof trim	1		
<b>Toilet area - (High-Quality) 80 CFM <a href="#">Panasonic Exhaust fan/light</a></b> - with two wall mounted Switches, <b>Energy Star Qualified</b> with Fluorescent lamps. (Model #FV-08VQL5) - (Sound Level, .3-Sones, <b>Very Quiet</b> ). (venting supplied & installed by General contractor- Unless Noted)	1		
<b>Main Area - (High-Quality) 110 CFM <a href="#">Panasonic Exhaust fan/light</a></b> - with two wall mounted Switches. <b>Energy Star Qualified</b> with Fluorescent lamps. (Model FV-11VQL5) - (Sound Level, .3-Sones, <b>Very Quiet</b> ). (venting supplied and installed by General contractor- Unless Noted)	1		
<b>3<sup>RD</sup> FLOOR</b>			
<b>Stairway – lighting and Switches</b> – Supply and install two 3-way switches and light	2		
<b>Duplex TR-Receptacle Outlets</b> - on a general purpose circuit	1		

	<b>Bedroom - Decora Dimmer (Single) <i>Diva Style</i></b> - for single location dimming.	1		
	<b>Bedroom - Toggle Switches (3-Way)</b> - for Two Location switching	1		
	<b>Bedroom - Decora Dimmer (3-Way) <i>Diva Style</i></b> - for two location control and dimming at one end.	1		
	<b>Four Bedroom - Recessed Lights - 6" IC Rated</b> - with 65w R-40 bulb,	4		
	<b>Closet - 2-Foot Fluorescent Light &amp; Wall Switch</b> - With electronic ballast, 1-bulb fixture with plastic lens.	1		
	Non-Taxable Capital Improvement Work			
	<b>Total</b>		→	