

**INFRASTRUCTURE WORKS TO SITES S7, S8, S9 & S10 IN MORCELLEMENT AUREA LIVING HARMONY, COTE D'OR - CONTRACT NO.  
SPDL/RFP/C2024/29**

**BILL 5 - ELECTRICITY SUPPLY**

<b>Item No.</b>	<b>Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate (Rs)</b>	<b>Amount (Rs)</b>
	<b><u>Electrical Services -(Civil Works associated with HT, LV cables and Plot Connections)</u></b>				
<b><u>5.1</u></b>	<b><u>Excavation</u></b>				
	<u>Excavation (after removal of top soil) in any material including rock, rates to allow for backfilling, selected fill, sieved material, imported fill, normal backfill, dewatering, all necessary shoring and carting away of surplus material.</u>				
5.1.1	Excavate trial pits or trial trenches to locate existing buried CEB ducts/ cables as directed by Engineer. Rate to allow for all backfilling, compaction and reinstatement as per Specifications	No.	15		
5.1.2	Excavate trench for HT, LV and service/plot underground cables.	m <sup>3</sup>	3,250		
5.1.3	Excavate in unsuitable material below formation level where ordered by the Engineer (Provisional Quantity).	m <sup>3</sup>	200		
<b><u>5.2</u></b>	<b><u>Pipe Bedding and Protection</u></b>				
5.2.1	Supply, place and compact concrete Class C20 as concrete bedding and surround to pipe (Provisional quantity).	m <sup>3</sup>	250		
5.2.2	Supply, place and compact granular material (0- 100mm) as infill below formation level wherever ordered by the Engineer (Provisional quantity).	m <sup>3</sup>	200		
5.2.3	Supply, place and compact rocksand bedding to HT, LV and service/plot underground cable ducts .	m <sup>3</sup>	1,000		
<b><u>5.3</u></b>	<b><u>Pipes and Fittings</u></b>				
5.3.1	Supply, lay, joint and test 160 mm uPVC duct pipes for HT/LV cables.	m	3,500		
5.3.2	Supply, lay, joint and test 80 mm uPVC duct pipes for plot connection duct/service cable.	m	2,200		
5.3.3	Ditto, but, 63mm uPVC duct pipes for plot connection duct/service cable.	m	2,500		
5.3.4	Supply, lay, joint and test large radius bend for 160mm diameter uPVC duct pipe.	no.	20		
5.3.5	Ditto, but, for 80mm diameter uPVC duct pipe.	no.	188		
5.3.6	Supply, lay, joint and test End cap for 160mm diameter uPVC duct pipe.	no.	300		
5.3.7	Ditto, but, for 80mm diameter uPVC duct pipe.	no.	388		
5.3.8	Ditto, but, for 63mm diameter uPVC duct pipe.	no.	260		
<b><u>5.4</u></b>	<b><u>Warning Slabs, Tapes and Draw Wires</u></b>				
5.4.1	Supply and place heavily galvanised draw wire (5mm thick) or nylon type draw wire in 63mm, 80mm and 160mm uPVC duct pipe as approved by CEB.	m	9,000		
5.4.2	Supply and lay 200 micron thick and 300mm wide warning tape over the trench width; Colour Yellow; Marked "DANGER ELECTRICITY" in Red on top of HT, LV cable and plot connection/service cable.	m	3,000		
5.4.3	Supply and place 2 rows of standard protective concrete warning slabs (500mm x 200x 40mm) over trenches as shown on Drawing No. SPDL/C2024/29/E/TD/01 and ..E/TD/02. Concrete slabs to be of the apex pattern engraved "DANGER ELECTRICITY" or similar in reinforced concrete on top of cables.	m	1,600		
<b>CARRIED TO CAST SUMMARY</b>					