Bill of Quantity Installation works of 100 solar streetlights in Hargeisa, Somaliland					
Item	**Description**	**Unit**	**QTY**	**Unit Price USD**	**Total Price USD**
1	Mobilization, preliminary works, clearing of site, site establishment including all required necessary construction materials	pole	100		
2	Earthwork in excavation of trench for foundation of the pole, in all kinds of soil and not exceeding 1.2m depth and the Area is (0.7*0.7) m^2, including dressing of bottom and sides of trenches. Stack excavated soil clear from edges of excavation, disposal of surplus soil out of site as directed by engineer.	m^3	58.8		
3	Plain Cement concrete providing stirrups holding the four bars used to hold the solar plate through bolts for column foundation of the pole, debth is 1.2m of the hole plus 1m above the ground level, at the top the area is (50*50)m^2 and total area up to the surface is (0.7*0.7)$m^2$with cement concrete 1:2:4 (1 cement : 2 clean coarse sand : 4 stone aggregate of 25mm down) including shuttering, welding of stirrups 4 numbers Y8mm dia steel bar, stirrups @40cm c/c including centering and shuttering complete.	m^3	98		
4	Welding of stirrups to the concrete foundation 2M long bars at interval as per the drawing below.	pole	100		
5	Renting crane to lift the poles. All wiring and mechanical works should be done as	pole	100		
Total					

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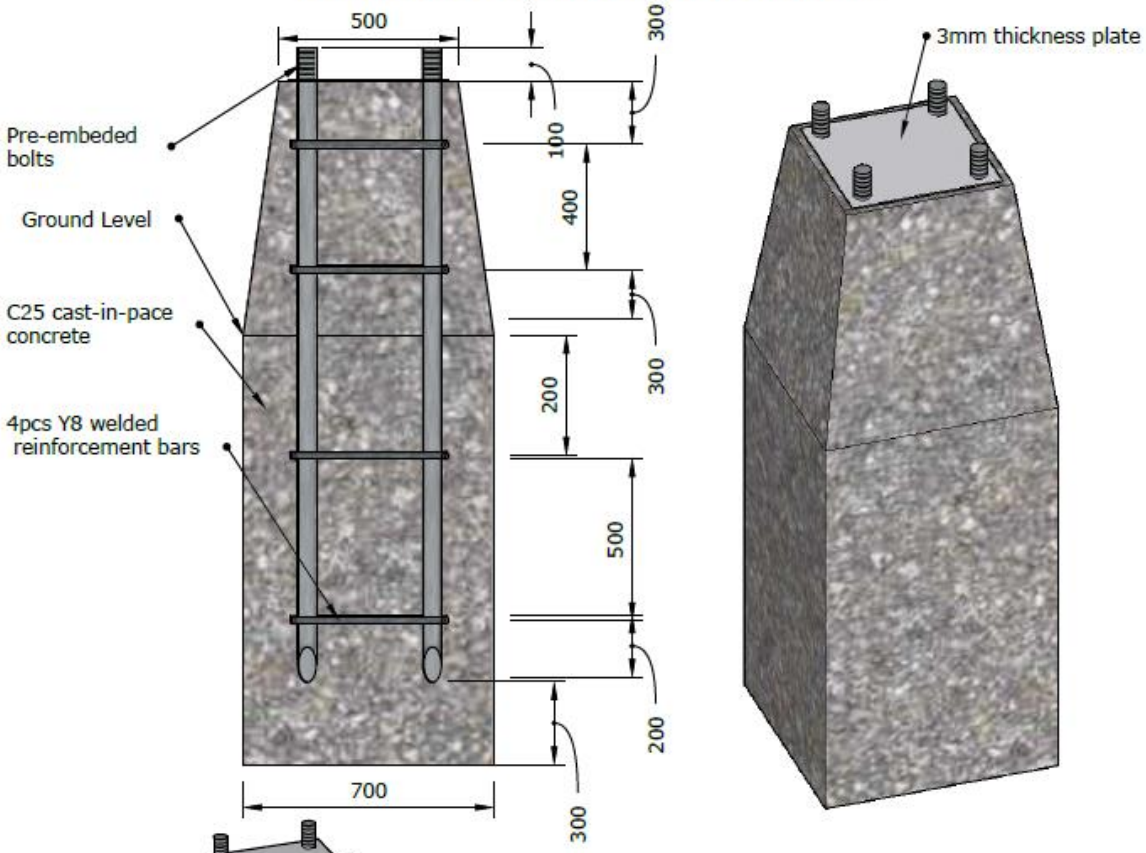
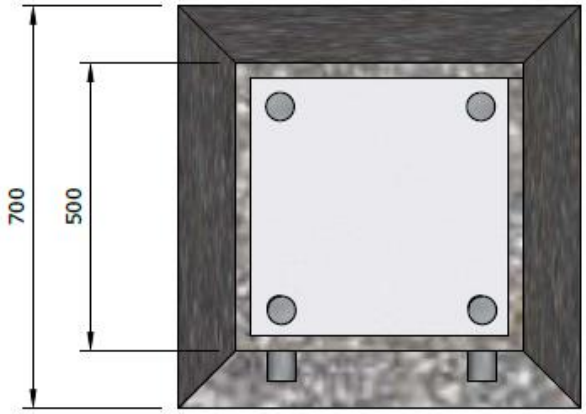
Drawing for SSL Concrete Foundation







GENERAL NOTE:
All units are in mm.
Drawing is NOT TO SCALE.
Please consult NIS Engineers where if anything is unclear.