

Table 1: Task Staffing Matrix

Task	Hours Per Position					
	Sr. Eng.	Eng.	E.I.T	LAB	A.A	Total
1.0 Investigation of Required Regulatory Codes						
1.1 Research International Building Code 2018	1	2	6	3	1.5	13.5
1.2 Yavapai County Code/Regulations	1	2	5	3	1.5	12.5
2.0 Site Visit	4	12	16	16	6	54
3.0 Geotechnical Analysis of Soil Samples						
3.1 Plan Laboratory Access Manual and Agreement	1	1	2	7	1	12
3.2 Collect Soil Samples				4		4
3.3 Perform Soil Analysis				4	1.5	5.5
4.0 Surveying						
4.1 Prepare necessary Lab Access Manual and Lab Access Agreement	1	1	2	14	1	19
4.2 Perform Surveying Analysis on the proposed project site	1	2	5	14	1.5	23.5
4.3 Creation of Topographic map	1	1	3	12	1.5	18.5
5.0 Structural analysis/concrete design						
5.1 Determination of Internal Forces and Loading	10	14	20		12	56
5.2 Analysis of Load Combinations	14	18	22		10	64
5.3 Failure Analysis Checks	16	22	34		12	84
5.4 Foundation and Anchor Bolt Design	10	12	14		10	46
6.0 Impacts						
6.1 Social Impacts	1	2	8		1.5	12.5
6.2 Economic Impacts	1	2	8		1.5	12.5
6.3 Environmental Impacts	1	2	8		1.5	12.5
7.0 Project Deliverables						
7.1 30% Submittal						
7.1.1: 30% Report Submittal	1	1.5	8	1	4	15.5
7.1.2: 30% Presentation:	1	1.5	7	1	3	13.5
7.2: 60% Submittal						
7.2.1: 60% Report Submittal	1	1	8	1	4	15
7.2.2: 60% Presentation	1	1	7	1	3	13
7.3: 90% Submittal						
7.3.1: 90% Report Submittal	1.5	1.5	8	1	4	16
7.3.2: 90% Presentation	1.5	1.5	7	1	3	14
7.3.3: 90% website	2.5	3.5	9		4	19
7.4: Final Submittal						
7.4.1: Final Report Submittal	2.5	3	8	1	4	18.5
7.4.2: Final Presentation	2.5	3	7	1	3	16.5
7.4.3: Final Website	1.5	2	4		4	11.5
8.0 Project Management						
8.1 Client Meetings	6	7	14		6	33
8.2 Technical Advisor Meetings	6	7	14		6	33
8.3 Schedule Management	3	3	6		3	15
8.4 Resource Management	3	3	6		3	15
Total	97	132.5	266	85	118	698.5