1. Calculated load levels and material stress factors using [Software] to identify design constraints.
2. Liaised with company executives and project managers to acquire resources to move projects forward.
3. Assessed scope and requirements to make accurate project design determinations for [Number] projects.
4. Made recommendations to improve design, construction means and methods and materials based on field or changing conditions.
5. Reviewed contractor proposals and sets of drawings prepared by [Type] firms to identify missing information, generate questions and align budgets.
6. Determined and scheduled priorities as required to progress engineering work.
7. Evaluated change order requests in response to out-of-scope work activities and developing field conditions.
8. Performed constructability reviews consisting of independent, structured assessment of construction bid documents to promote coordination, eliminate ambiguity and minimize project issues.
9. Completed daily construction tasks while providing safe working conditions, staying on budget and meeting project deadlines.
10. Controlled engineering activities to maintain work standards, adhere to timelines and meet quality assurance targets.
11. Administered both energized and de-energized testing on multi-design change packages.
12. Evaluated sites to determine soil adequacy for handling loads imposed by building foundations and associated materials.
13. Prepared and reviewed engineering specifications, scopes of work, schedules of payments and other documents.
14. Achieved [Type] target with well-planned and implemented civil engineering solutions.
15. Oversaw design and construction of plant site infrastructures, including process lined ponds, tailing ponds, railroads, underground utilities and site drainage structures.
16. Designed, improved and implemented assembly lines using ergonomic and Lean manufacturing principles.
17. Gave presentations of completed work to managers.
18. Generated change orders for project using estimating [Software].
19. Answered questions for customers about various aspects of [Equipment].
20. Tracked equipment usage and updated quantities of [Name] products to equip team members to complete projects.