VIRTUAL DESIGN & CONSTRUCTION COORDINATOR

Posting ID: EM18404524
Company: Martin Harris Construction
Position Type: Full-Time
College Major(s): Civil Engineering (CEE), Construction Management (CEM)

Company Website: http://www.martinharris.com
Work Location: Las Vegas
Salary: DOE
College Level(s): Undergraduate-Senior, Graduate Student, Alumni

OVERVIEW

Martin-Harris Construction Company (MHC) was founded by Frank Martin in 1976. Since then, MHC has expanded throughout the southwest and currently operates in Arizona, California, Colorado, New Mexico, Nevada, Texas, and Utah with a corporate office located in Las Vegas, Nevada. In addition to an outstanding reputation for creativity and project performance, MHC provides the added assurance of long-term stability and financial strength.

Roles and Responsibilities

Virtual Design & Construction (VDC) Coordinator

Provide virtual design & construction services and BIM coordination for design-build and negotiated projects in the public, federal and private sectors for the MHC project teams in both operations and special projects divisions.

Requirements:
- Experience and knowledge in Civil Engineering as well as Cut and Fill models, heat maps a definite plus.
- Skilled user of Digital Technology tools, with experience in VDC and AutoDesk software to include AutoCAD, Revit, Navisworks, and BIM 360 Glue.
- Create 3D and 4D models using VDC software.
- Drive to pursue continued education in BIM. Willing to attend Seminars/Conferences as MHC representative.
- Must possess and maintain exceptional work ethic and uphold company values.
- Must have strong interpersonal skills and be very comfortable and effective in working in a TEAM environment.
- Must possess strong written & verbal communication skills.
- Position requires ability to build and maintain relationships.
- Ability to travel for projects outside the Las Vegas market as necessary.

Responsibilities include, but not limited to:

1. Hilti Layout system programing. Provide support to team and crew members on Hilti system.
2. Create basic sequenced models in Revit (this would be a rough block design structure built from
3. Create a movie model that builds in time with the schedule. (works with Scheduler).
4. Conduct subcontractor BIM coordination meetings and clash detection, including assisting associates with minimal BIM experience.
5. Ability to transform 2D drawings into 3D models.
6. Create logistics plans in 3D, including graphic animations for preconstruction planning.
7. Create and maintain 3D models to projects, including updating with as-built conditions.
8. Coordinate with field personnel regarding constructability issues, clashes, and using BIM data.
9. Provide fundamental and intermediate training of MHC staff on all BIM software.
10. Update BIM Standards and maintain BIM Template files for MHC.
11. Provide Quality Control for Company Standards.
12. Establish Budget for BIM Implementation.
13. Report on Company’s current and projected state in-regards to BIM implementation
14. Serve as liaison with vendors, software suppliers and provide support needed for BIM software.

Education and Qualifications
2-3 years of experience in Design, Drafting, Engineering Production with a working knowledge of commercial construction required, specifically in the public, federal and private markets.

How to Apply
Martin Harris Construction offers excellent benefits, opportunity for growth and compensation. Interested applicants, please apply at www.martinharris.com and be sure to put UNLV under referral.