

November 10, 2021

To Whom It May Concern:

I have known Luiz Cruz for several years and he worked for me in several instances. He has provided me with high quality work deliverables and gained my trust while working as a contractor for four different companies.

In his last time, he worked under my direction at Covestro petrochemical refinery from May 2019 until Oct 2021. He give us superior support in senior project controls cost functions for 3 major O&G Covestro refinery TA/Capex petrochemical projects, and other smaller. He provided director's assistance, BOD reports and dashboards, developed & implemented new analysis methods and criteria, did advanced cost management analyses, detailed budgets, historical performance benchmarking, project performance dashboards, reports and presentations, and advanced tasks. Among these are the development of advanced estimates run by a highly sophisticated automated Estimate System using Excel VB macros, and a daily new manpower report system also automated by VB macros.

Luiz third time was at Innovative Turnaround Controls from April 2019 until Oct 2019, as the Lead Scheduler for the 2021 capital expansion and several TA projects for Invista. He developed the OP1A P6 Baseline Schedule and participated in the ADN Capex 2019 Schedule, built the overall 2021 ADN Program Cost Estimate, performed special analyses and complex studies for management, developed Communication Board Reports, comprehensive Performance Boards and new Primavera P6 Scheduling Planning and Detail Procedures, and was the Flipbook implementation leader.

The second time was while working for CDI Corp. from May 2016 to June 2017. During this period, he worked as a Project Controls Cost Lead (and interim PCM) for the OP2-Flex \$100 Million TA project, during the Pre-TA phase. In this role he performed special analyzes, reports and presentations for top management, helped in Project Risk Analysis, developed a Project Controls plan, controlled the overall and planning costs, developed Project Controls Systems, communicated Project Controls status to the core team, built bi-weekly cost status reports and charts, and analyzed and forecasted total project costs.

The first time was while he was working for Faithful and Gould (Atkins Group) from June 2012 to January 2014. During this period, he worked as a Project Controls Analyst for several capital projects and multiple turnaround projects at LyondellBasell. He has a brilliant intellect, superior academic qualifications, and a strong desire to overcome problems and provide top quality work. His controlling skills proved to make a real difference when providing complex Risk Analysis tools and reports, building sophisticated estimating systems with Excel macros, and developing fully loaded schedules in Primavera P6.

Besides his knowledge in Project Controls, Luiz has demonstrated an innate capability of analyzing situations and processes, seeing the big picture, and utilized his strong computer know-how to develop complex systems using VB macros, which greatly increased our productivity and reports. I gladly recommend Luiz Cruz.

Kind regards,



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