Technical Style Report

Student’s Name

Institutional Affiliation

Technical Style Report

Project scope is part of project planning that aims to determine and document a list of specific project goals and deliverables. With project scope, it provides quality foundation on what stakeholders need to understand as enshrined in request for proposal (RFP) lifecycle (Fageha & Aibinu, 2013). In this assignment, the goal is to review RFP provided with aim of preparing technical style report, that captures list of project scope items, stakeholders, and primary interest in the implementation of this project.

As a junior engineer there are various things to consider when preparing technical style report for the Dona Street extension. First, in ensuring familiarity of the given project, detailed information about understanding of the project scope must be provided together with the stakeholders who have interest in this project. The following section provides elaboration of 10 project scope as provided in the RFP.

* In addressing the first project scope, two lane public roadway that is approximately 1500ft, that intersect NYS route 5 at the eastern end and connecting to Tecumseh Highway 7 at the western end. The contractor has the capacity and several years of experiencing in similar project scope, hence the two lanes will be constructed successfully; this is per the evaluation done.
* ADA compliant skills- As per this, passing spaces will be constructed every 200ft, which will act as a driveaway. This will need to be 60 ft on all sides.
* Construction of 15ft clean utility corridor for future use on-site. The depth of the closet of the corridor should be 2ft and length 15ft, with double door that swings 1600 out into the corridor.
* Implementation of street lighting- This should be done after every 20ft within the two-lane.
* Construction of public sewers and storm drainage along the new road- The sewer to be trunk gravity which will be 1.5 m in diameter. For the manholes associated with the storm drainage, this will be 300 meters apart.
* Compliance with existing NYSDEC Brownfield Cleanup Agreement and Interim Excavation Work Plan
* Public railroad crossing of South Buffalo Railway at the west end of the road. Coordination with the railroad company will be required. This will be 1500ft long with a width of 10ft.
* A deceleration lane on NYS Route 5 in the southbound direction including relocation of existing bus shelter
* A culvert to cross an existing water drainage trench system remnant from the steel processing days, including removal of contaminated sediments.
* Inter-connection with the proposed Shoreline Trail that will intersect with the new road.

Based on the above project scope, the contractor has shown capacity to execute the contract and provided excellent construction services to Erie County.

**List of Project Stakeholders with their Interest**

Implementation of the proposed project has 6 main stakeholders who have different interest. Such stakeholders include County Government of Erie, Ministry of Construction and Public Works, Project Contractor, Ministry of Environment and National Resources, Minority Business Enterprise (MBE), Women’s Business Enterprise (WBE).

* The County Government of Erie, its main interest is to facilitate for the project completion of the engineering services. Additionally, the County Government is much interested in ensuring that this project is fully funded and completed as per the contractual agreement terms.
* Ministry of Environment and National Resources will have an interest in ensuring that environmental issues have been adhered to during the construction and implementation of this project.
* Project Contractor: The select project contractor will be interested in this project in execution of the project as per the project scope i.e. two-lane public roadway, public railroad, sewer and drainage system etc.
* Ministry of Construction and Public Works is ensuring that the construction and operational work is as per the standards to ensure no defects in the construction process.
* Minority Business Enterprise and Women Business Enterprise will be interested in getting participation opportunities in sub-consultation.

References

Fageha, M. K., & Aibinu, A. A. (2013). Managing project scope definition to improve stakeholders’ participation and enhance project outcome. *Procedia-Social and Behavioral Sciences*, *74*(29), 154-164.