

In order to replace the landscape areas with concrete, I would recommend the following:

Each bulb out is approximately 6 SY of concrete for a total of 12 SY. I would estimate the cost to remove the existing material and installing the new concrete would be approximately \$200.00 per SY so approximately \$2,400.00. I would recommend that the material be installed according to the current edition of the City of Casper Standard Specification for Public Works Construction and Infrastructure. You could use the following in your description if you would like:

Provide all labor and material to remove existing material and install Concrete flat work that shall consist of 7" of Concrete with reinforced polypropylene fibers over 4" of grading "W" base course. Work shall be done in accordance with the current edition of City of Casper Standard Specification for Public Works Construction and Infrastructure. Measurement shall be by the area, in square yards of existing material removed, concrete and base material installed and approved. Payment shall include saw cutting, removal and disposal of existing material, base course material, grading, compaction, forming, finishing, curing, protection, expansion joints, contraction joints, excavation, placing and compaction of embankment under the concrete flat work, and for all equipment, tools, and labor and for the performance of all work and all incidentals necessary to complete the work. Payment for this item shall be by the contract unit price per Square Yards.

I would suspect you could use a similar description for the steps into the Town Hall however I would have them add rebar especially to anchor the concrete to the building. Please let me know if you have any questions or need additional information.

Thanks,

Brad Holwegner, P.E.
Project Manager
WLC Engineering and Surveying
200 Pronghorn St., Casper, WY 82601
307-266-2524