

## **1.0 GENERAL**

### **1.1 SCOPE OF WORK**

- .1 The work involves the asphalt overlay of the tennis courts located in the City of Medicine Hat. The Work shall include the supply of all labour, equipment and materials to perform the work as designated by the approved drawings and as specified in the tender documents.
- .2 The main features of the work include, but are not limited to performing the following:
  - .1 Tennis Court 50 mm asphalt overlay including sleeving and raising of net posts.
  - .2 Line painting and tennis court surface (plexipave) not required.

### **1.2 PRIOR NOTICE**

- .1 Provide two (2) working days to the Project Manager prior to start of work.

### **1.3 UTILITY LOCATES**

- .1 The Contractor shall contact the Utility Companies 48 hours prior to the start of work, and coordinate the locates for all underground obstructions such as electric, gas, water, sewer, storm sewer, Telus, cable and irrigation lines.

## **2.0 PRODUCTS**

- .1 Surface Course: Minimum of 50 mm of Type M or CM Mix Hot Asphalt (3/8 inch minus aggregate).

#### Sieve Sizes:

Square Openings	Percentage Passing
1/2"	100
3/8"	90-100
#4	63-78
#8	50-60
#30	25-42
#200	3-8
A.C. (% of mix)	7.5-9.5

### **3.0 EXECUTION**

#### **3.1 OVERLAY**

- .1 Pressure wash surface. Mill out cracks and patch with asphalt.
- .2 Apply binder/tack coat SS1 or equivalent.
- .3 Place and compact minimum of 50 mm of Type M or CM Mix Hot Asphalt (3/8 inch minus aggregate) with levelling course. Finish tolerance of 1/8 inch in 10 ft.
- .4 Slope of tennis courts from one end to the other is .8% - 1%. Direction of slope preference is as follows:  
  
Recommended: Cross or end to end slope  
Acceptable: Diagonal slope  
Unacceptable: To/From net slope
- .5 Grades to be paved must be string lined to ensure no moisture collecting depressions (birdbaths) are present. The Contractor will conduct a flood test on completion of paving (after curing) to assess any depressions. Any costs associated to levelling of the depressions will be the responsibility of the Contractor. The contractor will notify the City representative prior to flooding the asphalt surface.
- .6 Edges are to be hand tamped and bevelled such that the asphalt edge does not butt up against the fence. The edge is to be clean and without crumbling away.
- .7 The Contractor shall employ an independent testing firm to provide analysis of the asphalt mix including oil content, void content and compaction.
- .8 The contractor will be responsible for any damages to the turf or irrigation component to access the work.

**END OF SECTION**