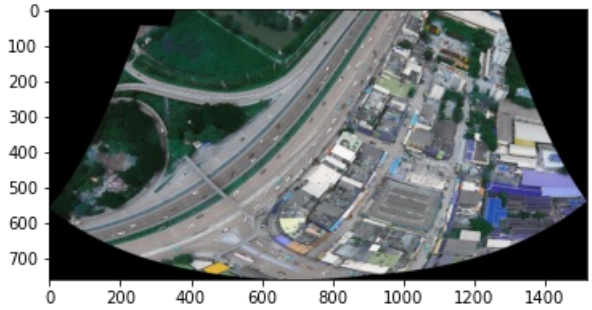
In [1]:

```
import cv2
import os
import matplotlib.pyplot as plt
```

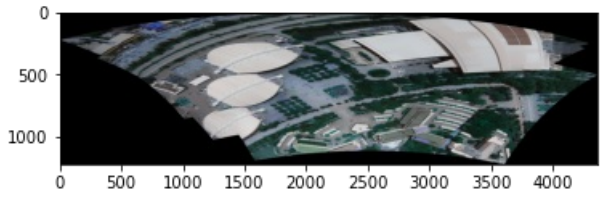
In [2]:

```
mainFolder  = r'C:\Users\rj100\Downloads\RGB-img\new'
myFolders = os.listdir(mainFolder)
for folder in myFolders:
    path = mainFolder +'/'+folder
    images= []
    mylist = os.listdir(path)
    print(f'total number of images detected {len(mylist)}')

    for  imgN in mylist:
        curImg = cv2.imread(f'{path}/{imgN}')
        curImg = cv2.resize(curImg,(0,0),None,0.2,0.2)
        images.append(curImg)


    stitcher = cv2.Stitcher.create()
    (status,result) = stitcher.stitch(images)
    if (status == cv2.STITCHER_OK):

        print('Panorama Generated')
        plt.imshow(result)
        plt.show()


    else:
        print('Panorama Generation Unsuccessful')

cv2.waitKey(0)
```

```
total number of images detected 3
Panorama Generated
```




```
total number of images detected 3
Panorama Generated
```



Out[2]:

```
-1
```

In [ ]: