Review Report

I have gone through the content of the paper entitled "Minimising the local waste in one dimensional cutting stock problem with the African buffalo optimization algorithm" and found that the content of the paper is interesting and concise but there are the following reasons for not accepting as such:

1. Since we know that cutting stock problem is a practical problem for real industry and authors claim that develop method is competitive in waste minimization on the basis of only 10 instances taken from the Literature.
2. Line number 245 where bgmax is not define properly.
3. Line number 250 written that the value of Lambda is low. But it is not explained that how much low in numerically or some other sense.
4. In description of the ABO 1DCSP, Method or rule for arrangement of the items is not shown in Figure 1. Also, how these patterns are created and what is the procedure to form the buffaloes are not defined.
5. In the subsection ABO 1D CSP, what is the value of bgmax in sense of 1DCSP and what is the formula to evaluate the value of bgmax. Also, it is not clear that how patterns are formulated in the algorithm.
6. How can decide the number of buffaloes in the iteration and how this object length is related to 1DCSP terminology in algorithm line number 1.
7. Also, in the algorithm part line number 8, what do you mean by $i\%q == 0$ in sense of 1DCSP.
8. In the line number 322, how this updateBuffaloes function is related the process of cutting pattern.
9. In the section of experiments and results, data 3a, 4a instances and 8a, 9a instances have the same values then how they give different output also there is no need to check or run the algorithm in 4a and 9a instances data as mention in Table 2.
10. Also in above section, authors have calculated RPD but it is not clear that for which data set and how authors have calculated average RPD in Table 6.
11. ABO 1DCSP is giving similar results but not minimum as comparison to other methods shown in the table 5.
12. Existing methods are giving similar result as proposed method ABO 1DCSP is giving. Even in some cases results calculated by ABO 1DCSP are used more average stock than existing method as shown in Table 7. Then, what is the advantage to use ABO 1DCSP method.
13. The proposed method is giving same average stock used with waste in Two instances out of 10. Authors claim that method is completive but experimental data taken from literature giving better results as compared to proposed method.
14. In order to show the competitiveness of the proposed, authors should add some practical instances.
15. If Authors rectify above suggestions, then proposed method may lead to enhance the knowledge and subjective progression of 1DCSP Literature.

Final Comment:

Manuscript cannot accept in this form. It may be accepted after revision as per above suggestions.