Using the table of costs and benefits below, answer the questions that follow.

|  |  |  |
| --- | --- | --- |
| Year | Costs | Benefits |
| Year 0 | 1,100,000 | 50,000 |
| Year 1 | 250,000 | 75,000 |
| Year 2 | 27,500 | 100,000 |
| Year 3 | 27,500 | 120,000 |
| Year 4 | 27,500 | 140,000 |
| Year 5 | 27,500 | 160,000 |
| Year 6 | 27,500 | 180,000 |
| Year 7 | 27,500 | 200,000 |
| Year 8 | 27,500 | 220,000 |
| Year 9 | 27,500 | 240,000 |
| Year 10 | 27,500 | 260,000 |
| Year 11 | 27,500 | 280,000 |
| Year 12 | 27,500 | 300,000 |
| Year 13 | 27,500 | 320,000 |
| Year 14 | 27,500 | 340,000 |
| Year 15 | 27,500 | 360,000 |
| Year 16 | 27,500 | 380,000 |
| Year 17 | 27,500 | 400,000 |
| Year 18 | 27,500 | 420,000 |
| Year 19 | 27,500 | 440,000 |
| Year 20 | 27,500 | 460,000 |
| Year 21 | 27,500 | 480,000 |
| Year 22 | 27,500 | 500,000 |
| Year 23 | 27,500 | 520,000 |
| Year 24 | 27,500 | 540,000 |
| Year 25 | 27,500 | 560,000 |
| Year 26 | 27,500 | 580,000 |
| Year 27 | 27,500 | 600,000 |
| Year 28 | 27,500 | 620,000 |
| Year 29 | 27,500 | 640,000 |
| Year 30 | 27,500 | 700,000 |

1. What is the NPV of the project? Assume a 15% discount rate and round your answer to the nearest whole dollar (e.g. $125,321).

2. What is the IRR of the project? **Round your answer to two decimal places (e.g. 15.80%).**

3. What is the Simple ROI of the project?

4. Based on your calculations, should the project move forward? Why or why not?

**Please submit a single Excel file with your answers. Please answer all questions directly in the Excel file.**