

## LIST of TABLE

Table I. 1 Number of Sales Each Month 2024.....	4
Table I. 2 Alternative Solution.....	5
Table II. 1 Reference Study .....	17
Table IV. 1 Annual Sales from 2021 - 2024 .....	28
Table IV. 2 Number of Employees .....	32
Table IV. 3 Existing Device Requirements.....	32
Table IV. 4 Sales Table from 2021 - 2024.....	34
Table IV. 5 One Year Sales in 3 Periods from 2024.....	35
Table IV. 6 Regression Linear Calculation.....	35
Table IV. 7 MSE from Regression Linear.....	35
Table IV. 8 Comparison of MSE from 3 Method .....	35
Table IV. 9 Annual Sales and Production Projection .....	36
Table IV. 10 Monthly Sales and Production Projection in 3 Periods .....	36
Table IV. 11 Material Cost .....	38
Table IV. 12 Investment Costs.....	39
Table IV. 13 Number of Workers .....	39
Table IV. 14 Labor Cost.....	39
Table IV. 15 Depreciation Expense .....	40
Table IV. 16 Electricity Cost .....	41
Table IV. 17 Revenue Projection .....	41
Table IV. 18 Vehicle Maintenance Costs .....	42
Table IV. 19 Shipping Costs .....	42
Table IV. 20 Production and Operational Costs .....	43
Table IV. 21 Source of Funds .....	43
Table IV. 22 Profit and Loss Projection.....	44
Table IV. 23 Cash Flow Projection.....	45
Table IV. 24 Balance Sheet Projection .....	46
Table IV. 25 NPV, PBP and IRR.....	47
Table IV. 26 Proposed Material Cost.....	49
Table IV. 27 Proposed Investment Cost .....	49
Table IV. 28 Proposed Number of Workers .....	49
Table IV. 29 Labor Costs .....	50
Table IV. 30 Proposed Depreciation.....	50
Table IV. 31 Proposed Electricity Costs .....	50
Table IV. 32 Proposed Revenue Projection .....	51
Table IV. 33 Proposed Machine Operating Costs.....	51

Table IV. 34 Propose Vehicle Maintenance Costs.....	51
Table IV. 35 Proposed Shipping Costs .....	51
Table IV. 36 Proposed Production and Operational Costs .....	52
Table IV. 37 Proposed Source of Funds .....	52
Table IV. 38 Proposed Profit and Loss Projection.....	53
Table IV. 39 Proposed Cash Flow Projection.....	53
Table IV. 40 Proposed Balance Sheet Projection .....	54
Table IV. 41 NPV, PBP and IRR.....	55
Table IV. 42 Incremental Analysis .....	56
Table IV. 43 Sensitivity Analysis to Direct Cost.....	56
Table IV. 44 Sensitivity Analysis to Revenue .....	57
Table V. 1 Veritication.....	58
Table V. 2 Validation.....	59