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|  | | **Cost Estimation** |  |
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| 1. **Overload Detection :** | |  |  |
|  | | i). LV-MaxSonar-EZ3 | 3500Tk x 2 = 7,000TK |
| 1. **Tracking :** | |  |  |
|  | GPS: |  |  |
|  |  | i). Venus GPS with SMA Connection | 4,500TK |
|  |  | ii). GPS Antenna | 500TK |
|  | GSM/GPRS: |  |  |
|  |  | i). 7.2 mbps Huawei 3g modem with external antenna | 2,000TK |
|  |  | ii). External Antenna for USB modem | 500TK |
| 1. **Central Monitoring Unit:** | |  |  |
|  | | i). Raspberry PI 3 model B complete set | 6,350TK |
|  | | ii). Raspberry PI TFT Touch LCD module (7inch) | 8,700TK |
|  | | iii). Raspberry PI power adapter | 500TK |
| 1. **Others :** | |  |  |
|  | | i). 110dBA fixed tone siren | 1,000TK |
|  | | ii). 4 Channel 5V Relay module | 400TK |
|  | | iii). Other accessories | 5,000TK |

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| Instrument Cost for 1 vessel | = | 36,450TK |
| **Instrument Cost for 50 vessels** | **=** | **36450TK x 50 = 18,22,500TK** |
| **Dedicated Server (1 year)** | **=** | **5,50,000TK** |
| **Building User Mobile App** | **=** | **50,000TK** |

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| **Grand Total** | **=** | **24,22,500TK** |

Signature of Supervisor