India’s First Service & Industrial Robot
Sona X.X, Xena X.X Series

For Improvement & Research in Science & Technology

www.clubfirst.org
About Us:
Club First Technologies Pvt Ltd
Year of Establishment: 2009
Brand Name: CLUB FIRST
Nature Of Business: Manufacturer
Products Offering: Sona Robot (Service Robot), Xena Robot (Industrial Robot), Water ATM, Water Vending Machines
MSME Udyog AADHAR No: RJ14A0120088
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VISION
As ROBOT manufacturing and MAKE IN INDIA, company aimed to represent INDIA globally in the field of ROBOTICS, Club First aimed to become a globally leading brand and limited company.

MISSION
Club First aimed to cover INDIAN government customers, than private sectors. Along with Indian market Club First aimed to cover global market in next 5 years.

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### Target Business For 3 Years:

<table>
<thead>
<tr>
<th>TARGET YEAR</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ROBOT MODEL</strong> (SONA Service Robot) (XENA Industrial Robot)</td>
<td><strong>SONA</strong> {A}</td>
<td><strong>XENA</strong> {B}</td>
<td><strong>SONA</strong> {A}</td>
</tr>
<tr>
<td>Average Cost INR</td>
<td>400000</td>
<td>1500000</td>
<td>410000</td>
</tr>
<tr>
<td><strong>DOMESTIC</strong> Quantity {C}</td>
<td>10</td>
<td>15</td>
<td>30</td>
</tr>
<tr>
<td><strong>EXPORT</strong> Quantity {D}</td>
<td>20</td>
<td>30</td>
<td>60</td>
</tr>
<tr>
<td><strong>TOTAL TARGET VALUE</strong> =((A<em>C)+(A</em>D))+((B<em>C)+(B</em>D))</td>
<td>7,95,00,000</td>
<td>24,61,50,000</td>
<td>60,60,00,000</td>
</tr>
</tbody>
</table>
## Marketing Strategies To Achieve Goal:

<table>
<thead>
<tr>
<th>ONLINE</th>
<th>TENDERS</th>
<th>B2B Meet</th>
<th>Exhibitions &amp; Conferences</th>
</tr>
</thead>
</table>
| STATUS till date 2019-20 | • Subscribed Google AD’s  
     • Owned Website: www.clubfirst.org | • Offered INDIAN Railways tender and commissioning done  
     • Applied BARC tender  
     • Applied some institutions tenders | Participated  
     • FICCI, IOT Meet  
     • CII Robotics Meet  
     • EEPC INDIA B2B Meet  
     • IESS Coimbatore Meet | • Participated IESS 2020 Coimbatore |

Next 2 Months | MORE B2B Platforms GEM.gov.in | To keep on participations | Travel Expo Jaipur | Chennai Engineering Expo |
Xena 5.0

Key Parameters:
- RC Control (300 M)
- Camera (300M Live & Storage)
- Differential Drive Tank Robot
- Heavy Duty Work
- Waterproof, Heat proof
- Army, Firefighting applications
- Aluminum & MS chassis
- With 100 Kg capacity

Application: Fire Fighting, Industrial Multi terrain Application, Defense, Disaster Management.

Key Specification:
Type of Robot: Industrials Material Logistics
Dimensions: 1025 x 860 x 430 (L x W x H) in MM
Net Weight: 45 KG
Battery: 40000 Mah
Backup: 8-9 Hrs
Control Mode: RC 2.4 Ghz,
Color: Metallic Gray & Black

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**Xena 1.0**

**Key Parameters:**
- Laser Imagine Based Navigation
- Navigate inn any complex Industrial
- Smart Obstacle Avoidance technology
- 3D depth camera
- Aluminum & MS chassis
- Auto docking charging system
- With 100,300,500 Kg capacity

**Application:** Industrial material logistics, warehouse logistics, Indoor applications.

**Key Specification:**
- **Type of Robot:** Industrials Material Logistics
- **Dimensions:** 850 x 500 x 250 (L x W x H) in MM
- **Net Weight:** 35 KG
- **Battery:** 40000 Mah
- **Backup:** 8-9 Hrs
- **Control Mode:** Web Application (IOT) Platform Independent. (Work on any Device Android IOS)
- **Color:** Metallic Gray & Black

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Key Parameters:

- RC Control (300 M)
- Camera (300M Live & Storage)
- Differential Drive Tank Robot
- Light Duty Work
- Waterproof, Heat proof
- Army, Firefighting applications
- Aluminum & MS chassis
- With 20 Kg capacity

Application: Fire Fighting, Industrial Multi terrain Application, Defense, Disaster Management.

Key Specification:

Type of Robot: Industrials Material Logistics
Dimensions: 800 x 450 x220 (L x W x H) in MM
Net Weight: 20 KG
Battery: 20000 Mah
Backup: 8-9 Hrs
Control Mode: RC 2.4 Ghz,
Color: Metallic Gray & Black
Sona 2.5

Key Parameters:
• Laser Imagine Based Navigation
• Ultrasonic/IR/Heat/Clif Sensors
• Smart Obstacle Avoidance technology
• Vision Camera for face detection (Optional)
• Spin based CG(Centre Of Gravity) balancing
• Auto docking charging system
• Simulate up to 15kg load.

Application: Restaurant Service, Reception, Education

Key Specification:
Type of Robot: Indoor Service & Logistics
Dimensions: Height 146 CM
Foot Print: 48 X 50 CM Width X Length
Net Weight: 25 KG
Battery: 40000 Mah
Backup: 8-9 Hrs
Control Mode: Web Application (IOT) Platform Independent. (Work on any Device Android iOS)
Color: Crystal White with Blue (Can Customized)

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Sona 1.5

Key Parameters:
- Laser Imagine Based Navigation
- Ultrasonic/IR/Heat/Clif Sensors
- Smart Obstacle Avoidance technology
- Vison Camera for face detection (Optional)
- Spin based CG(Centre Of Gravity) balancing
- Auto docking charging system
- Simulate up to 15kg load.

Application: Restaurant Service, Reception, Education

Key Specification:
Type of Robot: Indoor Service & Logistics
Dimensions: Height 148 CM
Foot Print: 48 X 50 CM Width X Length
Net Weight: 25KG
Battery: 25000 Mah
Backup: 6 – 8 Hrs
Control Mode: Web Application (IOT) Platform Independent. (Work on any Device Android IOS)
Color: Crystal White with Blue (Can Customized)
Sona .5

Key Parameters:
• Laser Imagine Based Navigation
• Ultrasonic/IR/Heat/Clif Sensors
• Smart Obstacle Avoidance technology
• Vison Camera for face detection (Optional)
• Spin based CG(Centre Of Gravity) balancing
• Auto docking charging system
• Simulate up to 15kg load.

Application: Restaurant Service, Reception, Education

Key Specification:
Type of Robot: Indoor Service & Logistics
Dimensions: Height 83 CM
Foot Print: 36 X 43 CM Width X Length
Net Weight: 25KG
Battery: 40000 Mah
Backup: 8-9 Hrs
Control Mode: Web Application (IOT) Platform Independent. (Work on any Device Android IOS)
Color: Crystal White with Blue (Can Customized)
Key Parameter:

- Humanoid Service Robot Sona X.X have top speed .7m/s
- Navigate in any complex environment
- Self mapping and navigation technology with using Laser, digital compass & Digital Gyro
- Obstacle avoidance with laser mapping and detection
- Distance measuring system to achieve goal.
- Spine based center of gravity balancing
- Camera Vision for 3D object detection
- Voice Communication (Optional)
- Lift communication for multi floor access (optional)
- Heat and over load protection
- Efficiency Exhaust protection
- Down stairs detection with CLIF sensors
- Auto charging docking system
- Auto Recovery Behaviors in any troubleshooting
- Options for HDMI/ USB / Ethernet / Touch screen
Technical Specification:

Battery: LiFePO4 Battery with over heat and over charge protection

Robo Base: 2.5 MM duel MS powder coated base

Body Material: 1.5mm thick FRP for heavy duty work

Spine: SS balanced spine for extra balancing tested at 100 kg weight with 10 mm deflection


CPU: CLUB FIRST robot core processor with 2gb RAM and 16Gb Map Storage.

Service:

- 12 Months of Warranty for all spare parts including battery.
- Easy to replace spares make in India
- Proper training to operator
- Remote Service assistance and troubleshooting

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Market Analysis

- Hospitality
- Corporates
- Industries
- Government
- Abroad
Competitive Analysis

- Indian Manufacturer
- Importer
- Manufacturing Abroad

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MAKE IN INDIA

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Current Clients:
• Indian Railways (Modern Coach Factory raibarely UP)
• Untratech Cement
• ASIAN PAINTS
• ROBO CHEF (Bhubneshwar,ODISHA)

Media:
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