
*Tata Projects Ltd:
School Safety Solution
(Anti-Terror
Fortification)*

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For: **Leading Schools in India**

Intent: *Protecting children and staff
from crime & terror attack*



Overview

Children are any society's greatest asset. Apart from the emotional attachment we have with the next generation, they are also the future of the country itself. Protecting & nurturing children is the sacred duty of every member of society. To this end the primary role has to be played by the most important factor in the upbringing of a child – the school.

Rationale

In the current climate of terrorism, which has a global hue and is indiscriminate, unfortunately, the focus has shifted to causing the maximum amount of carnage in the shortest possible span of time. Few outrages compare to the anguish and grief that can be inflicted by the killing of children. The recent Peshawar school attack serves as a reminder than no one, no where is safe. The only way to prevent large-scale atrocity is to prevent the intrusion and entry of the terrorists into the school in the first place.

Solution components:

- 1. Initial survey of school by anti-terror expert:** *Every school is different and needs a comprehensive survey by an anti-terror expert.*
- 2. School Buses:** *all school buses to be fitted with 3G camera – real time visibility on screen. Video analytics for exception events. Child constantly tracked using the wearable.*
- 3. Civil Work and retro-fitment:** *We will design and install the necessary fortifications (compound wall with razor barbed wire, bulletproof front façade, secure entry turnstiles, anti-truck barrier etc).*
- 4. Surveillance & Security:** *deployment of no-shadow surveillance with command and control centre.*
- 5. High Quality Guards:** *providing ex-commando military personnel as guards to ensure compliances with process and procedure.*
- 6. Wearables:** *providing wearable wrist-band for students, staff and teachers. No one can access the school without a wearable and facial recognition with fingerprint backup.*

Current Landscape

There are vanilla security providers but they have no clue how to build a robust school safety system. Moreover today's solutions are very simple to overcome. They are **not** anti-terror. The effort has to be to ensure that the attackers are not allowed to enter – the school must be un-penetrable. Our focus is to ensure that the attackers never get past the main gate.

Current Scenario

Schools in India or elsewhere in the world were never designed to be 'terror-proof'. The security systems are very weak when compared to terrorist's weapons. The traditional school guard at the gate is an insignificant measure of protection against suicide attackers.

Expert Solution

Tata Projects Ltd. Is a proud member of the Tata Group and has been serving the nation since 1968. With 4000 employees (mostly engineers) and 4000 Crore annual turnover, we are uniquely poised to serve the needs of leading schools.

Helpful Pricing & Terms

We understand that schools cannot afford the cost of retrofitting and maintenance of such solutions. Therefore with its' commitment to serving society, TPL will help with an unique model: pay per child per month.

Other aspects

Apart from terror there are several other issues that modern day schools face. School buses need to be constantly monitored. We will install 3G cameras with real-time monitoring feeds.

Our unique big-data platform and mobile app will ensure that parents receive real-time updates of the child.

Child will be tracked to and from home all the time every day. No exceptions allowed. Video monitoring will also be provided to parent if required.

Benefits to School

TPL is combining its expertise in civil engineering and construction with our smart city business to provide a comprehensive, secure and efficient platform for schools to improve their safety and security aspects. The retro fitment can be carried out while school is working. The entire system is manned and guaranteed by TPL. No hidden costs, charges or fees – EVER. For the lifetime of the school the solution will be billed on a per child per month cost. The school doesn't have to worry about future upgrades, improvements, software or hardware.

Summary Cost Matrix & Salient Terms:

Item	Cost per Child Per Month	Rationale
TPL Anti Terror Fortification Platform	Rs. 475/-	Covers all the cost of survey, civil work and retrofitment for the entire campus.
Connectivity charges	Rs. 60/-	Covers the entire cost of connectivity provided by Vodafone.
Security Guards Charges	Rs. 60/-	Covers the cost of 5 guards ex-commandos who will protect the school.
Total	Rs.595/-	All inclusive except Service Tax which will be charged extra at actuals (if applicable)

Contract Period: 15 years period. Renewable thereafter or free termination (as is where is basis).

Early Termination Fees: Rs 3.5 Crores + 1 Years fees. 6 months notice.

Any other costs: **NIL (no upgrade fees or other hidden charges)**

Conclusion & Recommendation:

Its easy to think of schools as safe. At one point of time they were – not anymore.

The risk of terror attack especially in major cities is very high. There is also the possibility of multiple attacks at the same time which overwhelm the police and ATS. Response times in such cases for help to arrive could be in the hours. By then the death toll would be enormous. The memory of 26/11 attacks will still be fresh in the minds of most Indians. Imagine that horror carried out across schools upon innocent children.

The price is the same as a pizza - would it not be worth that meager sum to safeguard a child?

Unique Features of TPL

offering:

1. First offering to be backed by individual anti-terror expert survey.
2. Each school will receive an SOP that permits NO deviations.
3. Front façade of school changed: bulletproof glass and access control turnstiles replace open gates.
4. Blast proof concrete barrier to prevent vehicle intrusion. Moveable Bollards.
5. Separate contained access area for parent/family member.
6. One-touch lockdown including classroom doors. All door locks will be reinforced with bullet-proof material.
7. School buses will have 3G video camera and live feed.
8. All kids will be tracked all the time.
9. Special rules: no male cleaner in female toilet when female child is inside.
10. All staff and teachers tracked in the same system.
11. Automated attendance.
12. Billing for consumption at canteen – no need for kid to carry cash to school

Risk Factors

TPL is a leader in creation of world class & secure infrastructure.

Our ability to secure schools is second to none. We will perform an excellent, high quality job with high degree of satisfaction for all stakeholders.

This is a B2B2C business. Risk factors are the same as any consumer facing business.

Contact Details



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