



CADOpt Technologies Private Limited
3M-407, 2nd Floor, 3rd Main Road,
East of NGEF Layout, (Next to HDFC Bank)
Kasturinagar, Bengaluru-560 043
Phone: +91-80-4852 2824 eMail: info@cadopt.com

CADOpt Technologies Private Limited, Bengaluru

CSR EXPENSES FOR THE PERIOD 2022-2023

CADOpt Technologies Private Limited had Spent a total of Rs 5,45,005.18/- during 2022-2023

Date	Details	Amount (Rs)
31-03-2023	Project – Enhancement of Science Lab for Government High School	134,733.18
31-03-2023	Project – School Toilet Construction in Government Middle School	232,616.00
	Prime Minister Care Fund	1,77,656.00
	Total	5,45,005.18



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PROJECT REPORT ON

ENHANCEMENT FOR SCIENCE LAB

IN

GOVERNMENT HIGH SCHOOLS

SPONSORED BY

CADOPT TECHNOLOGIES PRIVATE LIMITED
(UNDER CORPORATE SOCIAL RESPONSIBILITY)



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INTRODUCTION

CADOpt Technologies Private Limited, is a company providing Engineering Services and Solutions, mainly in the areas of CAD (Computer Aided Design) / CAM (Computer Aided Manufacturing) / CAE (Computer Aided Engineering) / PDM (Product Data Management) / PLM (Product Lifecycle Management), IoT (Internet of Things) and AR. CADOpt is a premium PTC Partner & Top Value-Added Reseller in India and we provide cutting edge solutions for all range of PTC suite of Products.

CADOpt Technologies Private Limited has two directors – Mr.Senthil Kumar Sivaraj Co-founder and Director and Mr.Karthik Kandasamy Co-founder & Technical Director.

CADOpt core team comprises of engineering professionals with rich technical & domain expertise who have been part of numerous Global Engineering Organizations. Teams at CADOpt Technologies are operational across 4 Cities offering End to End solutions for our esteemed customers spread across the country.

CADOpt is an ISO- 9001:2015 & ISMS- 27001:2013 certified Company, for Its Quality Management System & Information Security Management System. We are mainly committed in providing the highest quality services and solutions to all our customers. CADOpt recognized standard guarantees that our Solutions & services meet all our customer's expectations.

The agenda of the project is to focus on the students studying in rural government schools. There are many factors affecting the student education in rural areas like lack of teachers, infrastructure, transportations, labs, and library etc. We started to gather information related to our project which tells about "Education is the most powerful weapon for all the children that will change the world" and found that the proportion of children enrolled in government schools was between 60-70 percentage. Education has the direct impact on reducing the poverty, improving health and quality of live. Level of education in urban schools is far advanced as compared to the rural schools.

Our aim is to provide education at all students (Rural areas) in better/ reachable way to all the schools located in rural areas.



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The main difference between urban school and rural school is digital initiatives and advance technologies. Urban students have greater access to many resources like library, Internet search (referral book links) and animation, 3D views etc and therefore have opportunities that are not easily accessible to rural students. To enrich the skills of students studying in rural government school to match with the existing method of smart technology learning by upgrading the lab digital.

PROJECT DETAILS:

We CADOpt did the survey and report says that the average dropout rate for children living below the poverty level is 23.2%. Some government schools in rural areas on other hand have limited access to science lab for the student research and information to explore. To eradicate we CADOpt have already taken the first steps towards beginning of our contribution to government schools in rural areas that requires to enhance the science lab.

CADOPT TEAM:

To identify and meet the needs, the administration team from CADOpt contacted numerous government schools in outlying areas. We learned about the government high school that needs a sophisticated science lab from people we know or have been referred to. Government high school approached our organisation through referral regarding enhancement of science lab. Based on the approval from board of management, the setting up of smart lab was initiated.

Smart Science lab that enhances the teaching and learning process for both the teachers and the students by inculcating audio, video, animations, images, multimedia etc. This increases the engagement factor and leads to better-performing students (Understanding the concept in better way) and provide a space for students to explore, create, connect, build digital literacy.

With the defined specification mentioned from the government school about setting up the smart lab at the premises, the IT department from CADOpt passed the same to the purchase department to place the order. The purchase department approached the vender for placing



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the order along with the quotation that matches with budget of the project. The bill will be approved by the board of management and amount is released to the vender by accounts team in CADOpt. The vender will dispatch the items to the company along with the invoice against the purchase order.

Installation representative from IT department will visit the school premises for further installation of item requested from government school need. The items will be installed and tested with good working condition.

SERVICE AND SUPPORT:

CADOpt is responsible for all aspects of electronic devices installed in government school. The case log will be raised and monitored directly by Mr Karthik under IT department with higher priority.

with the support of the vendor (If required) and close the compliant case with the acknowledgment of the concern person.

SUPPLIED ITEM:

Below major items are supplied along with required installation.

- Laptop: Intel® Core™ i7-11370H, 8 GB DDR4-3200 MHz RAM, 512 GB PCIe® NVMe™ M.2 SSD, 39.6 cm (15.6) diagonal, FHD (1920 x 1080), 144 Hz, Windows 11 Home, NVIDIA® RTX 3050 4GB Laptop GPU, Microsoft Office Home and Student, with hp bag back
- Projector: Benq EW600 (Wi-Fi) with ceiling mount kit, HP Backpack

CONTACT KEY PERSON:

Mr Karthik Kandasamy - Co- Founder and Technical Director is the key responsible person. To communicate via email, phone the details are given below.

E-Mail: karthik@cadopt.com

Contact No: +91 99455 13154

PROJECT START AND CLOSURE DATE:



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The primary purpose of CADOpt is to raise students studying in the government school located in the rural area. The project is implemented in the month of December 2022 with all projections. The Implementation of the digital lab started proceeding in January and February 2023 and ended in a good period of closure in March 2023.

PROJECT ESTIMATE COST:

Estimated cost to set enhance science lab from CADOpt to any of the government school is Rs.1,50,000/- (Rupees One and Half Lakh).

We are proud and happy to do the service to the public sector every year which is the future of our nation. Students are happy and excited to learn more in their school's digital facilities.

A handwritten signature in blue ink, consisting of a series of loops and a long horizontal stroke.



A handwritten signature in blue ink, featuring a large, stylized initial 'S' followed by a long horizontal stroke.



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**PROJECT REPORT ON
SCHOOL TOILET CONSRUCTION
IN
GOVERNMENT MIDDLE SCHOOL, NALLAKUMARANPALAYAM.**

**Sponsored by
CADOPT TECHNOLOGIES PRIVATE LIMITED
(Under Corporate Social Responsibility)**



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This project explains in detail about setting up of sanitation in rural government schools. Sanitation is one of the most important aspects of community well-being because it protects human health, extends life spans, and is documented to provide benefits to the economy. A lack of access to proper sanitation facilities poses a huge barrier to education as children frequently miss school due to hygiene-related diseases. Toilets and proper washing stations can help stop the spread of many diseases and parasites such as diarrhoea. We (CADOpt) did a detailed study and found the ratio that 90% of people practicing open defecation live in rural areas. Over 750 children under five die every day from diarrhoea caused by unsafe water, sanitation, and poor hygiene. Children deserve a healthy learning environment with easy access to safe and sustainable water, sanitation, and hygiene services.

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The objective is to provide a good environment for the student who comes to school for educational purposes. By doing so, teachers and students will have a safe space to teach, explore and get involved in all kinds of educational activities. Girls were less likely to attend school on the days they had their periods as compared with other days so keeping in mind and to prompt the awareness, we CADOpt took the school toilet project as a first initiative in rural area.

PROJECT DETAILS

To identify and meet the needs, the administration team from CADOpt contacted numerous government schools in outlying areas. We conducted the awareness program about the hygiene at schools in rural areas. Government middle school, Nallakumaranpalayam approached us and explained in detail of their need to construct toilet for their students. Based on the project approval from the board of management, the setting up of toilet construction was initiated.

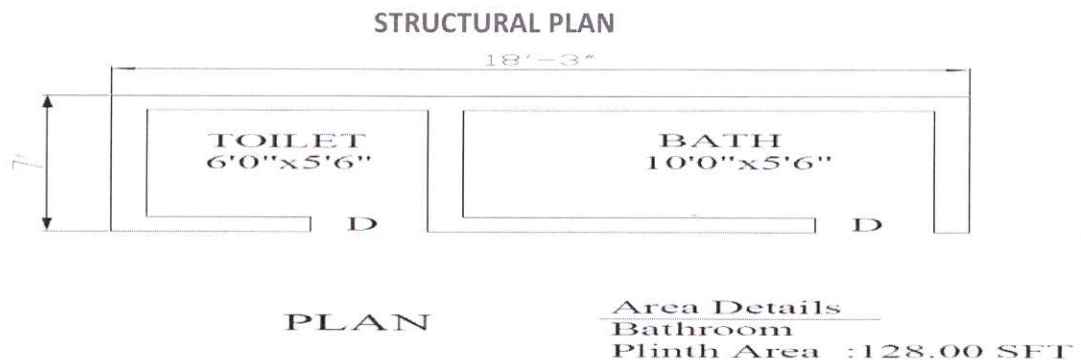




PLANNING

To start with it we need a structural plan of bathroom which describes the wall dimensions, plastering etc. From the structural layout, we can figure the planning of plumbing and other bathroom fitting items. Administration department from CADOpt approached various civil engineers in that locality to construct school toilet that includes manpower along with the vender (Supply raw materials with best quote)

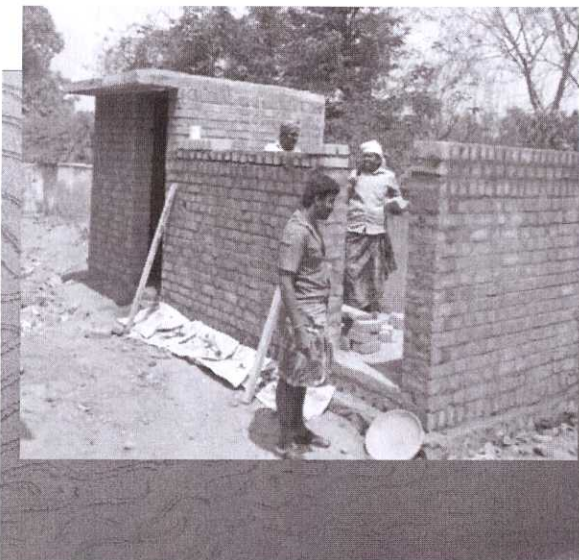
From the CADOpt team a representative visited the site with the civil engineer for a detailed discussion about the cost of raw materials and vendor supplier. On approval of the person concerned the civil engineer bought the materials needed for construction.



WALL CONSTRUCTION WITH PLASTERING:

Before we start building the wall, we need to level the floor and remove undesirable materials from the marked area where the bathroom is going to build. Raw materials to construct bathroom like brick, cement, sand, iron rod etc are purchased from the concern dealer with best quote. Marked the bathroom dimension which includes the exterior and interior wall with a total area cover of 127.75 sq. ft (length is 18' 3" & Breath is 7'. 0") with height of 7'.0".

Bricks with dimensions of 230 mm x 110 mm x 75 mm and Birla shakti cement (mixture ratio of 1:6) are supplied and constructed with adequate quiring time. Plaster with an interior wall of 13 mm and an external wall of plaster with 20 mm are completed by testing of wall levels.



PIPELINE & DRAINAGE:

Pipeline structures are marked and Finolex PVC pipe with holder, screw is supplied and fixed.

TILES:

Good quality of ceramic tile with thickness of 20mm are purchased, installed, and monitored the water level flow at the drainage connection.



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PAINTING:

For long lasting of paint in the wall two coats of painting are done and tested. As a part of first the level is whitewash followed by two layers of Dulex paint.

URINALS:

Approved size with good quality of urinals basin of six in numbers are supplied and fixed with water pipeline for adequate interval of cleaning (With PVC tap provision).

IC:

Complete set of Indian closets with quantity of one is supplied, fixed and tested with water supply.

SINTEX WATER TANK:

Supply and installation of syntax water tank with the capacity of 500 litres.

STEEL DOOR:

Door lock with size of eight inch, screw with size of one and half inch, steel doors. (Quantity: 2) with the dimension (3'.0''X 7'.0'') are supplied and fixed.

SERVICE AND SUPPORT:

If there is any support needed related to construction and repair, the school can reach out directly to the CADOpt administration department wherein they connect with the civil engineer (Who completed the project) to resolve the needs.

CONTACT KEY PERSON:

Mr. Karthik Kandasamy Co- Founder and Technical Director is the key responsible person. To communicate via email, phone the details are given below.

E-Mail: karthik@cadopt.com

Contact No: +91 99455 13154

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PROJECT CLOSURE:

Civil Engineer raised the invoice tax bill for the material that he purchased for the school toilet project and the bill is validated by the purchase department, which is handled directly by the board of management, then approved bill is passed to the accounts team for the release of payment.

PROJECT START AND CLOSURE DATE:

The primary purpose of CADOpt is to raise the students head count studying in the government school located in the rural area in healthy manner. The project is implemented in the month of October 2022 with all projections. The construction of the toilet was initiated in December 2022 to March 2023 and ended in a good period of closure in March 2023.

PROJECT ESTIMATE COST

Estimated cost to set sanitation in Government Middle School, Nallakumaranpalayam from CADOpt is Rs. 2,00,000/- (Rupees Two lakhs Only).

We are proud and happy to serve the public sector every year, which is the future of our nation. Students are tension free and stay for longer hour for their subject need and with good hygiene environment and the attendance in school will be in upper hand.

SELECTION OF CONTRACTOR

Contractor Quotation as follows,



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M. Sand = 15000
 2.5mm = 7500
 0.75mm = 2500 = 15250
 700 = 4100
 800
 1/3 sand = 650
 8.5mm = 25700
 2.5mm = 2750
 0.75mm = 16650
 2.5mm } = 7000
 0.75mm }
 4mm = 21650
 1.5mm } = 11500
 0.75mm }
 0.75mm } = 7000
 0.75mm }
 0.75mm } = 22000
 152,160

19,2160
 5000
 4200
 46500
 8650
 6000
 3,22,610
 10000
 3,22,610

Contractor detail as follows...

M MANICKAM
 3/134, KUMARANDIPALAYAM,
 NALLAKUMARANPALAYAM,
 NAMAKKAL, 637202 Tamil Nadu, India
 PAN: DHAPM4841P



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APPROVAL FROM THE HEADMASTER

I hereby, confirm that the items in the purchase order no CTPL-PO-2223-0210 dated on 30-03-2023 has been successfully constructed with good condition at our premises.

On behalf of school management, we sincerely thanking CADOpt Technologies Private Limited for initiated the action of modern learning technology to our students.

A handwritten signature in blue ink, appearing to be "S. Srinivas", written over a horizontal line.



A handwritten signature in blue ink, appearing to be "S. Srinivas", written over a horizontal line.