



**Cauveri**

**CONSTRUCTION OF TOILETS  
AT DON BOSCO INDUSTRIAL  
TRAINING INSTITUTE AT  
MANAKKAL – LALGUDI.**

**SALESIAN PROVINCE OF TIRCUHY**

# CONSTRUCTION OF TOILETS AT DON BOSCO INDUSTRIAL TRAINING INSTITUTE AT MANAKKAL – LALGUDI.

## Project Summary

<b>Name of the Organization.</b>	Lalgudi Don Bosco Society (Tiruchy District – India).		
<b>Country.</b>	India.		
<b>Project Location.</b>	Don Bosco Industrial Training Institute, Manakkal – Lalgudi.		
<b>Project Goal.</b>	Construction of Toilets for the Students of Don Bosco ITI.		
<b>Specific Objectives.</b>	<ul style="list-style-type: none"> <li>• To improved access to clean and safe sanitation facilities.</li> <li>• To create better health, hygiene and clean environment.</li> <li>• To meet the legal requirement of norms of “Minimum Standards of Care.”</li> <li>• To ensure the privacy of the students.</li> <li>• To keep the students secured and safe from abuse.</li> <li>• To promote healthy behavior among students.</li> <li>• To promoting personal physical care among students.</li> </ul>		
<b>Beneficiaries.</b>	<b>Activities</b>	<b>Direct</b>	<b>Indirect</b>
	<b>Construction of Toilets at Don Bosco ITI.</b>	Students – 250 Staff – 20.	Visitors and Well-wish-ers.
<b>Duration of the Project.</b>	Three months		
<b>Legal Holder of the Project.</b>	Fr. Agilan Sarprasadam SDB., Provincial Don Bosco Provincial House 65, Illupur Road, Kallukuzhy Trichy – 620020, Tamil Nadu, India. Phone: +91 431 2316324 Email: provincial@donboscotiruchy.org		
<b>Local Technical Partner.</b>	Fr. Amalorpavaraj Annappan SDB., Executive Director CAUVERI Planning & Development Office Don Bosco Provincial House 65, Illupur Road, Kallukuzhy Trichy – 620020, Tamil Nadu, India. Mobile: +91 99433 68049 Email: cauveri@donboscotiruchy.org		

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<i>Budget Summery</i>	<i>Details</i>	<i>INR</i>	<i>Euros @INR 86.30</i>
	<i>Construction of Toilets for the Students in Don Bosco Industrial Training Institute at Manakkal – Lalgudi..</i>	<i>10,67,100</i>	<i>12364</i>
	<i>(-) Local Contribution form INT Province</i>	<i>41,628</i>	<i>482</i>
	<i>Amount received from the Donor.</i>	<i>10,25,472</i>	<i>11882</i>



# CONSTRUCTION OF TOILETS AT DON BOSCO INDUSTRIAL TRAINING INSTITUTE AT MANAKKAL – LALGUDI.

## 1. Introduction

The Salesian house at Manakkal - Lalgudi, was established on 31st May 1986, entrusted with a parish and an Elementary School which was aided by the State Government of Tamil Nadu. . Till 1985, the Parish comprised both, caste people and Dalits, the former dominating the parish life, while the latter, confined to the fringe line and thus deprived of active involvement in the parish, had never enjoyed a sense of unity with the totality of the people of God. Seemingly, as a solution to the caste problem, the diocesan authorities had shifted the parish to a newly built church in a high class area in Lalgudi 1985, whereby reducing Manakkal church to the status of a sub-station confined entirely to local Dalit Catholics. This change of status was very much resented by them. They were however pacified by the diocesan authorities creating in the vision of a bright future with the imminent advent of the Salesians. People had to wait for one full year before the Salesians arrived and the old parish status was restored to Manakkal.

## 2. Don Bosco Industrial Training Institute

After the Salesians arrived they found that there were no higher and technical institutions to impart quality education and technical skills to the rural poor youth in and around Manakkal and a scientific study was made to study the socio - economic condition of the people. As the result of the study 'The Lalgudi Don Bosco Social Service Society' was registered under section 10 of the Tamil Nadu Society Act 1975 and to impart technical skills to the rural youth around Manakkal – Lalgudi in August 1989 Don Bosco Industrial Training Institute was established. It was a humble beginning with three basic trades namely Electrician, Simple Wiring and Motor Mechanic. But now the institute has expanded and it offer some additional trades like Welding, Diesel Mechanic Service Station, and Driving School etc. The well qualified and efficient staff provides quality training in above said trades. Since 1989, 2500 trainees have successfully completed their technical education, have been employed in different well know industries, earn reasonable salaries and become self-reliant.

## 3. Vision

The Salesians of Don Bosco at Manakkal, Lalgudi, called to be the apostles of the young, guided by the Holy Spirit, following the footsteps of Christ, under the maternal protection of our Blessed Mother and in keeping to the charism of Don Bosco are dreaming and are striving towards the religious formation, the alleviation of poverty and the realization of the holistic growth of the youth in Lalgudi taluk through:

- Mary Help of Christians Parish.
- Don Bosco Industrial Training center.
- Don Bosco High School.
- Zatti Boys Home (ZIM).
- Don Bosco Youth Centre & Don Bosco Daily Oratory.

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## 4. Mission

The Salesians of Don Bosco, Manakkal - Lalgudi envisage working in a systematic way for the youth and the poor people to effect spiritual growth, education, employment, empowerment and social change in and around Lalgudi taluk through spiritual, educational, technical, economical and psychological interventions.

## 5. Location of the Project

Lalgudi is a town in Tiruchirapalli district in the Indian state of Tamil Nadu. The town of Lalgudi heads the Lalgudi taluk. Manakkal is a part of Lalgudi town panchayat, which is not more than 1½ a kilometer from the Lalgudi railway station. Don Bosco Industrial Institute is situated at Manakkal in which the rural poor youth in and around Lalgudi are peruse two years of their technical skill training in various technical trades like Electrician, Simple wiring, Motor Mechanic, Welding, Diesel Mechanic, Service station and Driving school etc., At present there are about 250 students from Lalgudi and its neighboring villages are benefitting from these trades.

## 6. Need of the Project

The toilet were constructed and donated by APIS in the 2006. It has been sixteen years since it was completed. Though some maintenance and patch works have been done frequently at yet many of the toilets are non-functional. Besides this the ground level has increased nearly 16 to 18 inches and due to that the toilet outlines pipes, drainage pipes gets flooded when it rains and moreover the septic tank over flows with sewerage water during the rainy seasons and it clogs the toilets and bathing rooms. There are few toilets are functioning but they are not sufficient for the faculty members and for the ITI students. The construction of the toilets will help to adhere to the requirements of “Minimum standards of care” of the government. Using proper toilets prevents the transfer of bacteria, viruses and parasites found in human excreta which otherwise contaminate water resources, soil and food. This contamination is a major cause of diarrhea, the second biggest killer and leads to other major reducing the impact of these diseases.

## 7. Objectives

- To improved access to clean and safe sanitation facilities.
- To create better health, hygiene and clean environment.
- To meet the legal requirement of norms of “Minimum Standards of Care.”
- To ensure the privacy of the students.
- To keep the students secured and safe from abuse.
- To promote healthy behavior among students.
- To promoting personal physical care among students.



# CONSTRUCTION OF TOILETS AT DON BOSCO INDUSTRIAL TRAINING INSTITUTE AT MANAKKAL – LALGUDI.

## 8. Beneficiaries

- Don Bosco Industrials Institute Students
- Faculty Members
- Parents
- Visitors and well-wishers etc.,

## 9. Justification of the Project

The Don Bosco Industrial Training Institute at Manakkal – Lalgudi has been imparting skill trainings in different trades to the rural poor youth since 1989. At present there are 250 students, 20 staff are there in the campus besides this parents and other well-wishers are also frequently visit the Don Bosco Technical Training Institute. Since the institute is being used by many people the establishment of the basic amenities such as toilets, bathing rooms, urinals and other sanitation facilities have become inevitable to create a healthy and clean environment in the campus. Being the educational institution it is all the more significant to compile with the requirements of the educational department of the government. The toilets what we have at present was constructed in 2006 with the financial assistance of APIS and most of them are not functional. Hence, construction of new toilets for the students in Don Bosco technical training institute has become paramount important which will in turn help us to create a healthy and clean environment in the campus.

## 10. Proposed Budget

S. No	Particulars	Requested Amount for the Project Implementation	
		INR	Euros @ INR.86.30
01.	Toilet Block Construction 43'0X10'3-441Sqfts X Rs.2100/-	9,26,100/-	10731
02.	Septic Tank Construction and Sanitary Line Arrangements.	1,25,000/-	1448
03.	Water Tank Arrangement for Toilets.	16,000/-	185
04.	Total Amount Required for the Construction of Toilets.	10,67,100/-	12364
05.	(--) Local Contribution.	41,628/-	482
06.	Amount Needed from the Donor (APIS).	10,25.472	11882

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## **11. Conclusion**

We make this request to extend financial support for the construction of 10 toilets at Don Bosco Industrial Training Institute at Manakkal - Lalgudi. It is an urgent need which has to be fulfilled as the earliest. Your collaboration by way of financial assistance will contribute to enhance the institution in providing better sanitation facility to the students, staff and other well-wishers and creating a clean and healthy environment at Don Bosco Industrial Training Institute campus. Our sincere gratitude for the donors whose willingness and hard work made this project come true.



**J Builders**

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**J BUILDERS**

No1, First Floor, Joshi & Joshi Complex,  
Sakthi Nagar, Kattur, Trichy - 19

**Lion. Er. R. JAYARAM, B.Tech.,**  
Licenced Surveyor, LPA Construction Engineer,  
Lead Auditor ISO 9001:2008

90808 0674

jbuilderstrichy@gmail.com

Date:24.07.2023

### Estimate

Name of the work: Toilet Construction work for at

"Don Bosco ITI" Lalkudi, Trichy.


#### Estimate:

- |  |               |
|--|---------------|
| 1. Toilet block construction 43'0"x10'3" – 441sqfts x 2100/- | : 9,26,100.00 |
| 2. Septic tank construction & Sanitary line arrangements     | : 1,25,000.00 |
| 3. Water Tank arrangements for toilet                        | : 16,000.00   |

Total Amount Rs. :10,67,100.00

Say Rs.10,67,000/-

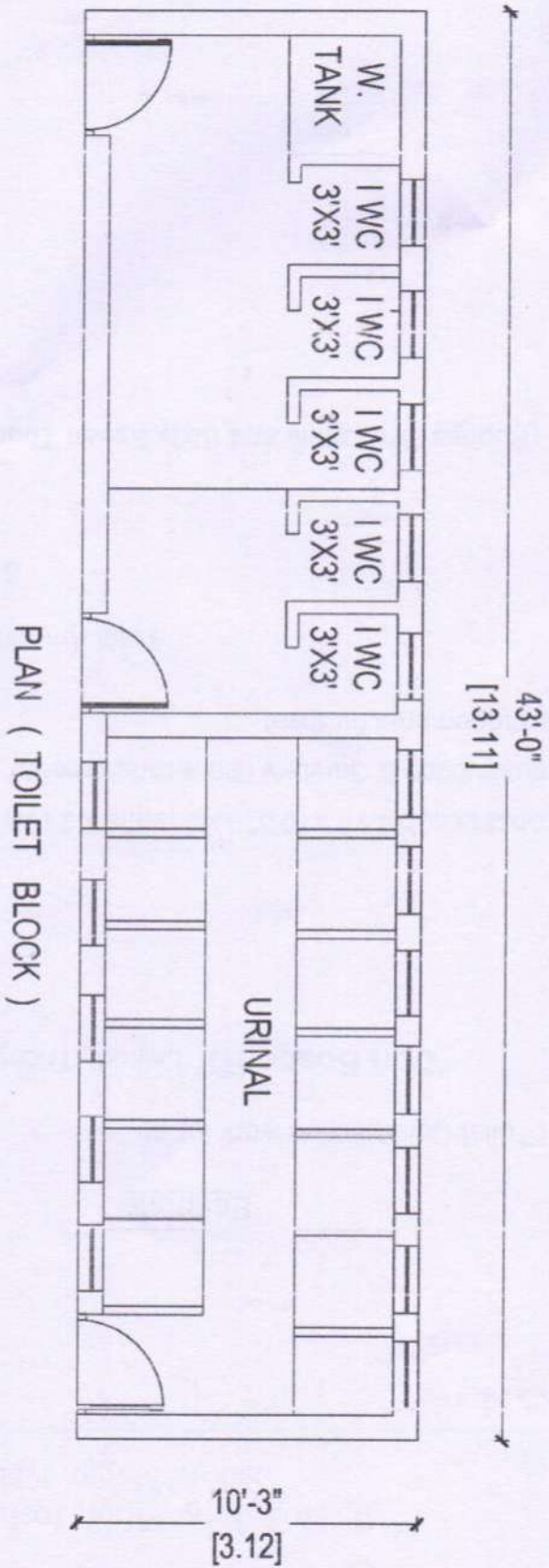
(Rupees Ten Lakhs and Sixty Seven Thousand Only)

  
Engineer

Er. R. JAYARAM, B. Tech  
Construction Engineer & Licensed Surveyor  
'J BUILDERS'  
No.7, 1st Street, AVM Jothi Nagar  
Kattur, Trichy - 620 019.  
CE/TLPA/ June 2019/084



PLAN SHOWING THE PROPOSED CONSTRUCTION OF TOILET BLOCK AT DON BOSCO ITI , LALGUDI , TRICHY .



TOILET BLOCK AREA : 440.75 SQFT

Er. R. JAYARAM  
J. BUILDER  
KATTUR, TRICHY - 19

Er. R. JAYARAM, B.Tech  
Construction Engineer & Licensed Surveyor  
'J BUILDERS'  
No.7, 1st Street, AVM, Johi Nagar  
Kattur, Trichy - 620 019.  
CE/TLPA/ June 2019/084

## Work Specification:

Name of the owner : Don Bosco ITI @ Lalkudi, Trichy.  
Name of the contractor : J BUILDERS, Kattur, Trichy.

Dr. R. JAYARAM, B.Tech  
Construction Engineer & Licensed Surveyor  
'J BUILDERS'  
No.7, 1st Street, AVM Jothi Nagar  
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01. Earth work Excavation 4' x 4' depth 6' max up to hard soil from G.L.
02. River Sand filling 4" thickness
03. PCC 1:5:10 6" thickness
04. Footing Square footings 9" thickness
05. Foundation Column 1'0" x 9" column using 6 nos. of 12mm main bar & 8mm Stirrups
06. Grade Beam RCC 1:2:4 with the reinforcement as per the steel design. Beam size height max -1' 6", breadth - 9" 6 no's of 12mm main rod & 8mm stirrups
07. Basement Brick Masonry 2'0" ht above normal ground Level
08. Plastering Basement inner plastering 12mm thick in C.M 1:5
09. Plinth filling Earth filling - 2' ht with consolidation, sand filling - 9" complete Consolidation will be done
10. Plinth Connection Basement belt in main wall 9"x4" thick ,4 nos of 8mmx6mm ,and partition wall 4 no of 12mm x 6mm 9"x9" size
11. Super structure Brick work in CM 1:6 with chamber bricks 10'0" height up to Roof level
12. Sill Slab Continuous sill slab with 2" thick RCC 1:2:4 with 8 mm M.S rod All around the main & cross wall.
13. Lintel Continuous lintel all round as per steel design (rod 8mm x 6mm)
14. Roofing RCC 1:2:4 using M20 grade as per steel design & thickness 4.5"
15. Parapet Parapet wall 2' height 9" thick is provided
16. Wood Work
  - a) Main Door 4"x3" Teak Frame with Readymade door
  - b) Toilet doors Toilet door Heavy wooden frame with tin sheet
  - c) Windows Cement jolly work with border
  - d) Ventilator steel weld mesh



17. Grill 12mm thick square bars, painted with one coat of Red oxide primer and two coats of synthetic enamel paint.
18. Plastering  
1. Ceiling finish with CM 1:4 (10 mm thick)  
2. Inside walls with CM 1:5 (12mm thick)  
3. Outside walls with CM 1:5 (15 mm thick)
19. Flooring Premium floor tiles with 4" skirting over PCC 1:5:10 mix (rate Rs.45/- per sft with tax) thickness 4"
20. Painting apply One coat Primer, Two coats Emulsion paint

#### SERVICES

1. Water Tank Sintex tank with 500 lit
2. Septic Tank Size 10' x 6'9" x 8'
3. Electrification Lisha wires, Avanplast pipes, Teak wood wooden box, Hylam sheets Lisha Screw covers modular switches,  
Every 100sft area 5 points is contractor limit, if party demand extra points Rs.600/- for each point, Each power point calculated 2points.
4. Plumbing Distribution Line provided only essentially needed points, Pipeline work Will be carried out with 1" PVC Pipe (Avanplast pipes and fittings are used) one no. Indian Neycer Closet white color only,
5. Tiles Bathrooms side wall 5'-0" height with Johnson tiles Rs.25/- per sft. In kitchen 4'-0" height.
6. Weathering course should not provided in this contract limit, but Ellis pattern floor finishing With proper slope will be provided

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#### OTHER NOTES:

1. If the second party needs any other extra works like flooring change, more cupboards, lofts, grill Doors and windows, he has to pay extra amount
4. If any further alterations or additions needed by the owner, the same will be executed by the first party (The Contractor) only on mutual agreed supplemental rates. Payment for extra work should be settled before commencement of work.
5. Work will be executed by the first party strictly as per the specification report submitted by the first party to the second party.
6. If there is any deviation (increasing or decreasing) in the materials cost at the time of construction, the first party will take the responsibility only up to +/-5%.
7. Elevation finish: shall be completed by the first party as per design. If any extra work, Fino Tex plastering etc. are done it will be considered as extra.

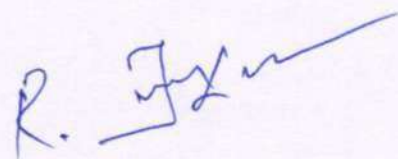


## TERMS AND CONDITONS:

1. The proposer agreed to construct his house through the contractor.
2. The Proposer shall bear the additional costs due to the changes in the work made because of the modified suggestions of the proposer comes under additional cost separately.
3. The contractor will not be responsible for any delay of non-delivery of possession due to non-availability of material like steel, cement and other building materials due to strike or by reasons of act of nature, which are beyond his control.
4. The Contractor here by assure the proposer that he will not demand any amount extra other than the agreed one from the proposer even if there is any fluctuation in the price of building materials.
5. The contractor will not be responsible for any delay due to the part of government departments or delay due to the part of the Electricity Board like giving the service connections in respect to Electricity and other government formalities and facilities.
6. The construction of the house will be completed within Six months from the date of this agreement. The owner will make progressive payments in stages as proposed in this agreement to the contractor.

The proposer shall not indulge in stoppage of the construction of the building and its Development works or any part thereof under any circumstance through level process or otherwise as the same will amount lead to hardship to the contractor as he involves in several other proposals of constructions. The proposer is aware of the same and agrees to abide by the agreement.

(Signature of client)



(Signature of contractor)

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