

## CRITERION 7

### INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 Institutional Values and Social Responsibilities

**7.1.4 Water conservation facilities available in the institution:  
Rainwater harvesting Bore well/ open well recharge construction of  
tanks and bunds waste water recycling maintenance of water bodies  
and distribution system in the campus.**



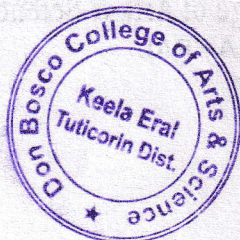
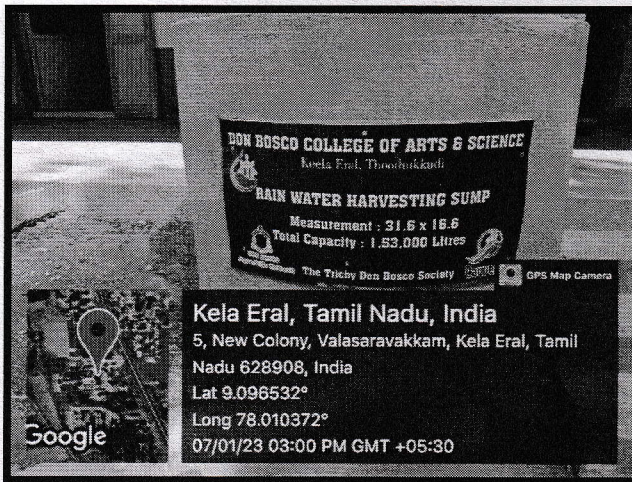
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S.No.	Year	Particulars
1	2023 - 2024	Water conservation
2		Rainwater harvesting
3		Bore well open well recharge construction of tanks
4		Bounds waste water recycling maintenance of water.

### 3. Water conservation

#### Implementing Rain water Harvesting in our college:

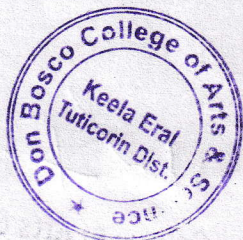
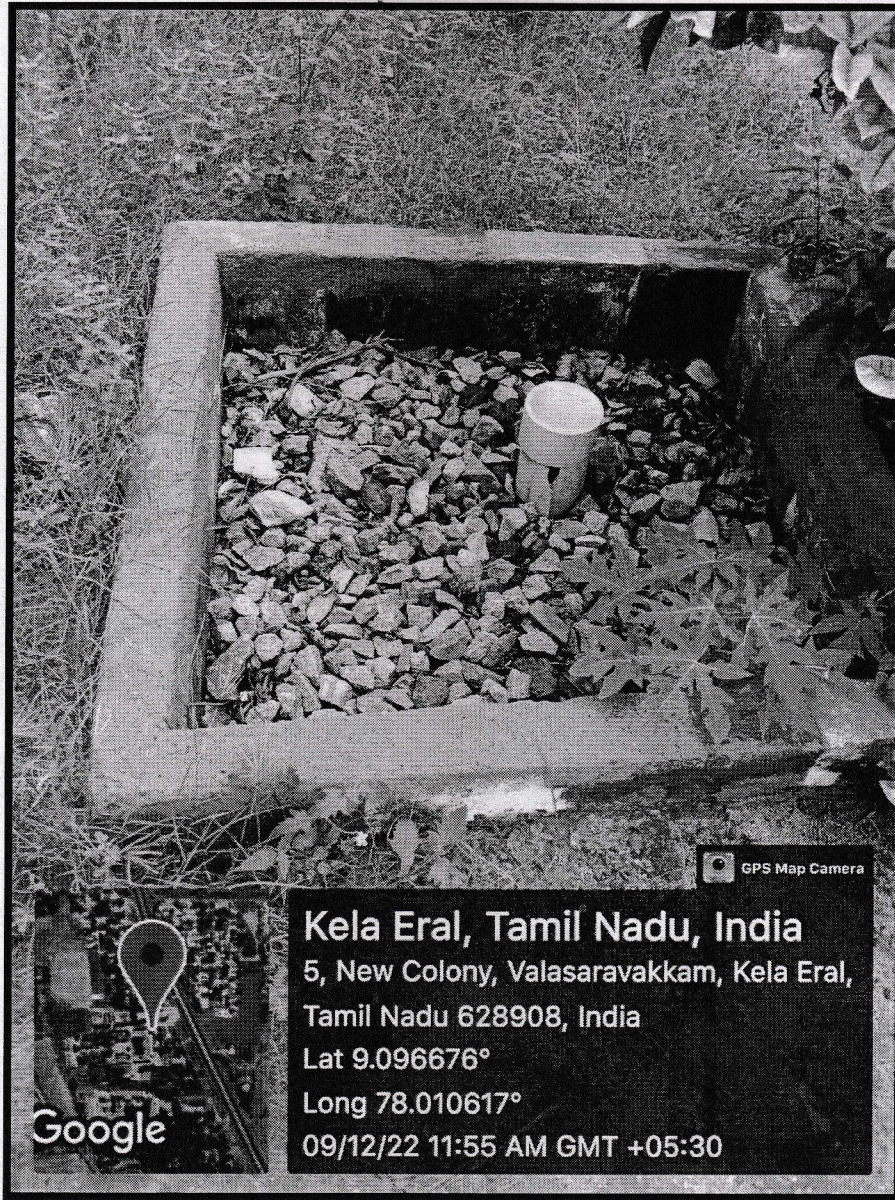
Harnessing the power of nature to conserve water resources, our college incorporates rainwater harvesting techniques, preserving rainfall for sustainable usage, and promoting environmental responsibility among students and staff.



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**Utilizing borewell in our college:**

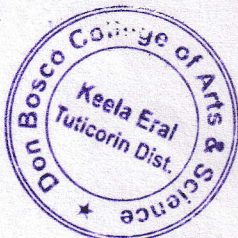
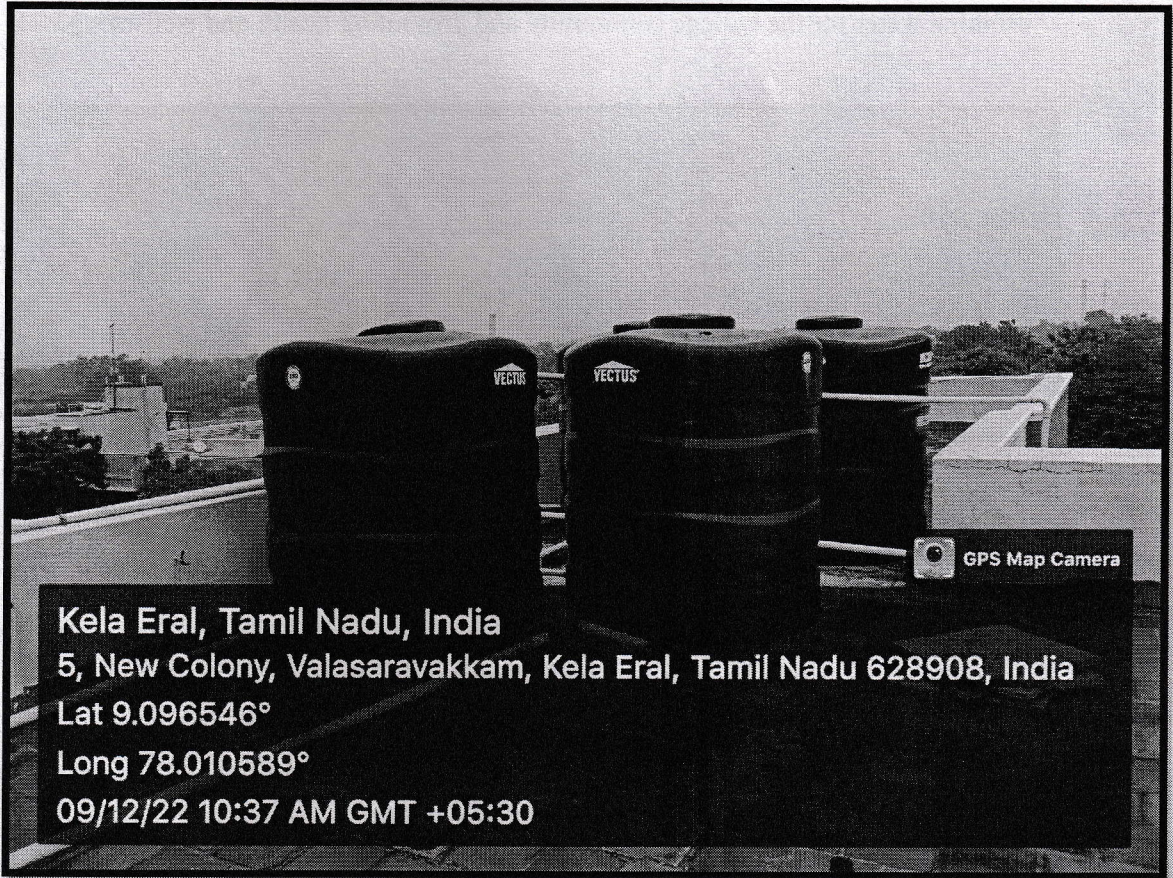
Leveraging underground water sources through strategically drilled borewells, our institution ensures a consistent and reliable water supply, supports various campus activities, and promotes efficient water management practices.



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**Water tanks in our college:**

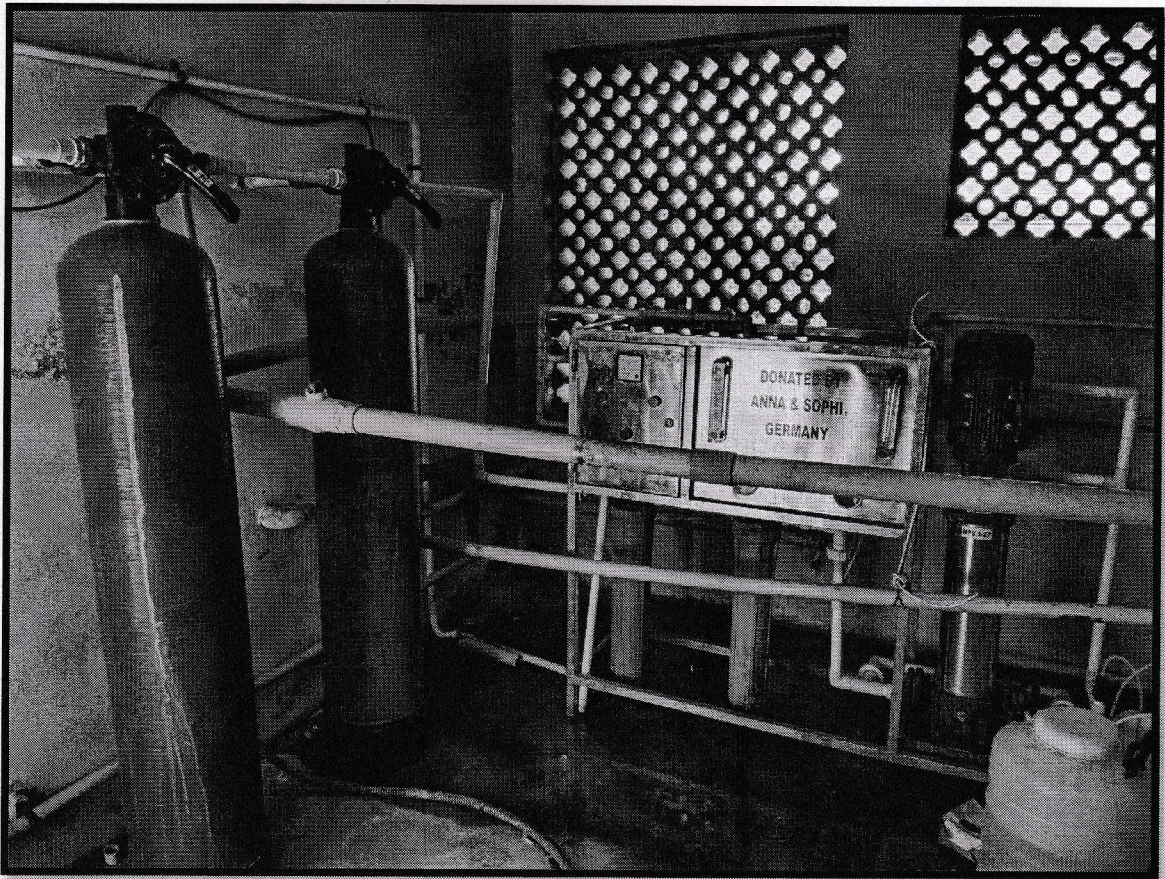
Serving as vital reservoirs, our well-maintained water tanks ensure a sufficient and uninterrupted water supply, catering to the needs of students, faculty, and staff while prioritising water conservation and sustainability.



  
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**Reverse osmosis in our college:**

Employing advanced filtration technology, our institution utilises reverse osmosis systems to purify water, providing clean and safe drinking water for the college community and promoting health and well-being.



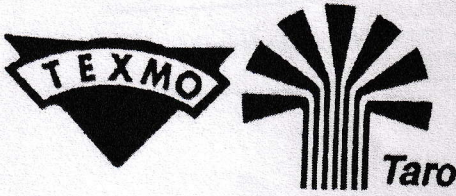
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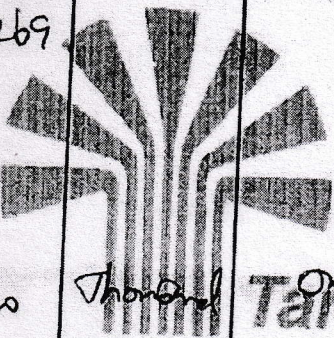
## INVOICE

CUSTOMER NAME & ADDRESS :

Don Bosco College of Arts & Science  
Keela Eral  
cell 9655406465

No.	2/44
Date	28/8/17

SI No	Item Description	HSN/SAC	QTY	Price Rs
	3 hp TRF 725 H Texmo Ends make Taro borewell Borewell submersible pump TRF 725 H 7F022 S/no:- 62136167269	84137010	1	19642.90
			Cast b/f.	1178.55
			Subst b/f.	1178.55
				22000.00
				1
				1
				1



Rupees Twenty Two Thousand Only

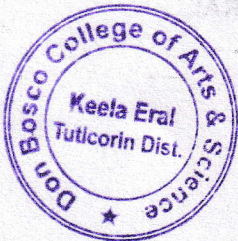
Taro

Pr

Rupees:

CUSTOMERS SIGNATURE

For KASIRAM & COMPANY



*M. S. J.*  
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KEELA ERAL



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To

Don Bosco College of Arts & Science,  
Keela Eral.

3 Hp TRAF 25 H Texmo Ends  
make Taro 100mm Borewell  
Submersible Pump

} - 1

19642.90

2357.10

+ GST Vate 12%.

22000.00

Rupees Twenty Two Thousand only

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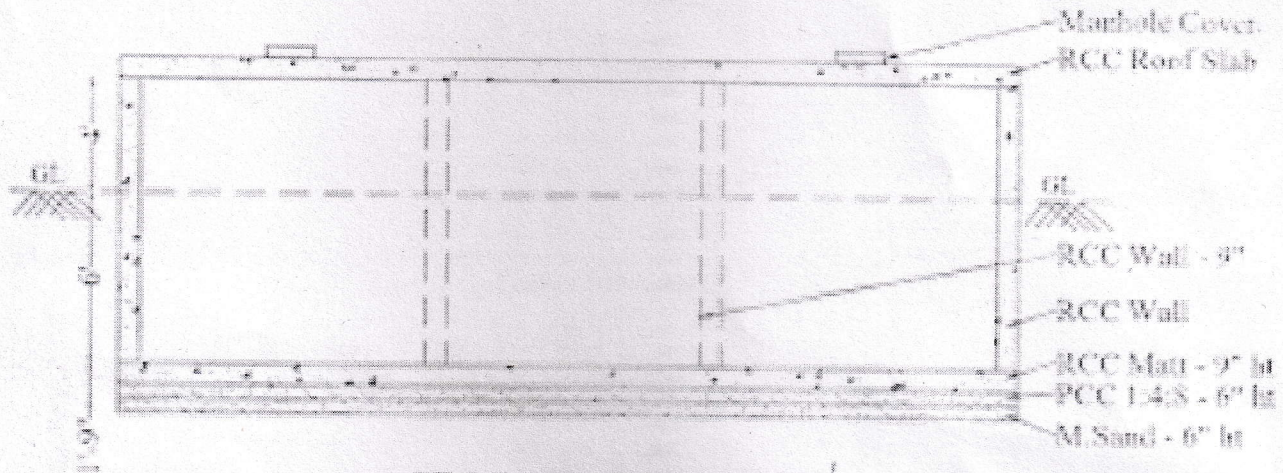


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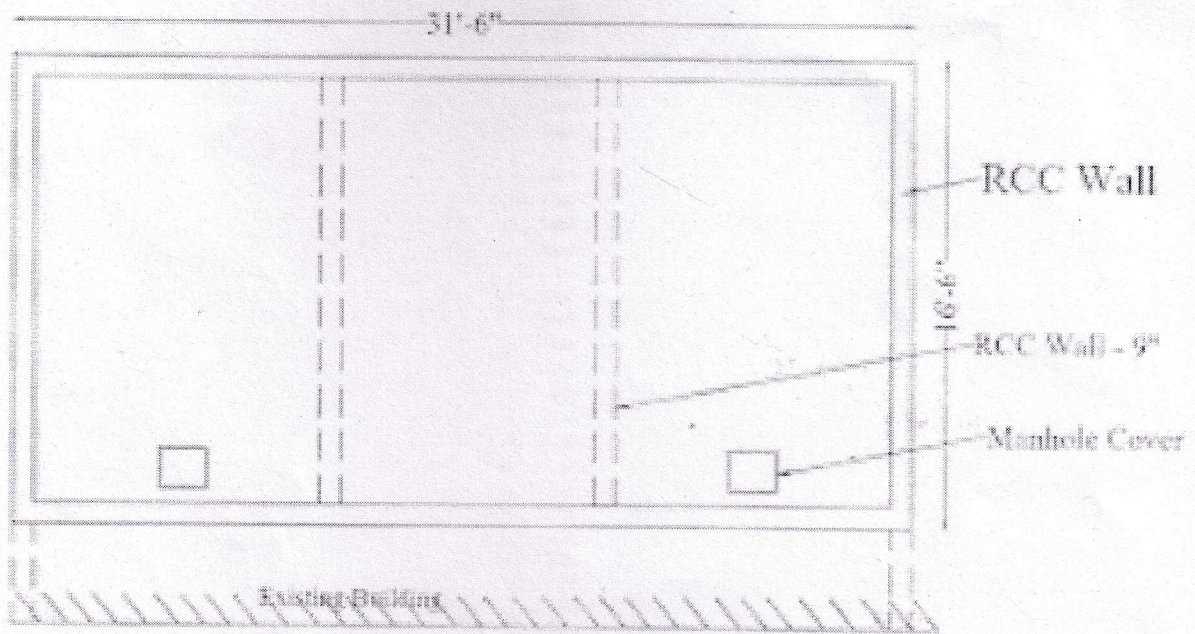
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PLAN SHOWING THE PROPOSED CONSTRUCTION OF  
RAIN WATER COLLECTION SUMP AT THE TRICHY DON BOSCO SOCIETY



CROSS SECTION VIEW



TOP VIEW

*[Signature]*

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 Civil Engineering Consultant & Builder,  
 Chartered Engineer,  
 6, Bharathiyar Nagar 9<sup>th</sup> Street,  
 Vilangudi, Madurai - 625 018.



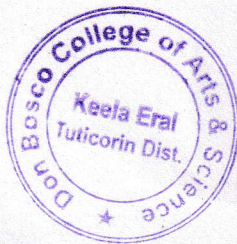
*[Signature]*  
 PRINCIPAL  
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 KEELA ERAL



NAME OF THE WORK: PROPOSED CONSTRUCTION OF RAIN WATER COLLECTION  
SUMP AT DON BOSCO ARTS AND SCIENCE COLLEGE,KEELAERAAL.

## ABSTRACT ESTIMATE

QTY	PARTICULARS OF WORK	RATE	PER	AMOUNT
A 4356 cft	Earth work Excavation for foundation in hard clayey/ gravelly soil upto 11' depth including shoring, strutting bailing out of subsoil water if necessary complete	900	100 cft	39204
B 256 cft	P.C.C.1:5:10 using 40 mm hard broken stone jelly in layers of not more than 15 cm ,well compacting and ramming complete for foundation trenches and for pavior at basement, curing the concrete	105	1 cft	26880
C	Providing and laying reinforced cement concrete m20 for all types of works using 20 mm hbsj, including providing and removing plain and curved shuttering & centring as and where required at all levels including cost of steel,transporting,form work,mixing and laying of wet cast in situ or ready mix concrete all materials and labour complete including curing			
384 cft	a)RCC floor slab	560	1 cft	215040
915 cft	b)Rcc side wall and columns	653	1 cft	597495
256 cft	c)Rcc top slab	383	1 cft	98048
D 255 cft	Filling msand with 6" height	45	1 cft	11475
E 2462 sft	Plastering with CM 1:3, for all RCC interior exposed surfaces and providing drip bands for sunshades incl.cost of all materials,scaffolding	4100	100 sft	100942
F 920 sft	Plastering with CM 1:3, mm thick over new surface of internal and external brick walls,incl.providing and fixing chicken mesh at junctions of concrete	3600	100 sft	33120
G	Rain water filter circular collar and material Steps provision manhole cover			25000
TOTAL AMOUNT				1122204
GST				201997
TOTAL				1324201



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# Don Bosco College of Arts and Science

A Christian Minority, Self-financing College, Affiliated to Manonmaniam Sundaranar University, Tirunelveli  
Keela Eral, Ettayapuram TK, Thoothukudi DT, Tamilnadu - 628 908  
☎ 04632-290768 • 97904 02888 ✉ principal@dbcas.edu.in 🌐 <https://dbcas.edu.in>

## Declaration

I hereby declare that the details and information given above are complete and true to the best of my knowledge and conviction.



  
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Don Bosco College of Arts & Science  
KEELA ERAL