



7.1.2 Facilities for energy and energy conservation, degradable and non-degradable waste, Green campus, disabled-friendly and water.

| Sr. No | Description |
|--------|---|
| 1. | Alternate sources of energy and energy conservation measures, Solar energy Bio Gas Plant Wheeling to Grid Sensor-based energy conservation Use of LED bulbs / power efficient equipment Bills for the purchase, Geo tagged photographs. |



JJ

Dr.J.J.Magdum Trust's (No. E/902)

Dr.J.J.Magdum College of Engineering, Jaysingpur

Approved by A.I.C.T.E., New Delhi, Recognized by Govt. of Maharashtra (DTE)

Affiliated to SHIVAJI UNIVERSITY, KOLHAPUR.

Gat No.289(314/330), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416 101, Dist.-Kolhapur (M.S.)

Tel.No.: (02322) 221123 Fax No. : (02322) 221831. Email: principal@jjmcoe.ac.in

Website:www.jjmcoe.ac.in

JJMCOE/2022-23/

Date: - 09/01/2023

To,
Mahalaxmi Electrical
Congres Comity, Rani Bagh,
Ichalkarnji.

Subject: Purchase Order for supply of Electrical Material
Reference: - Your quotation Dt.29/12/2022.

Sir,

With reference to the above subject, we are pleased to place the order for the following.

| Sr. No. | Particular | Qty | Rate Per Unit Rs. | Amount Rs. |
|----------------|---|-------------|-------------------|------------|
| 1 | Electrical Material (Mechanical, E.Y. B.Tech. Electronics & ETC.Civil Dept) (Enclosed List) | As per list | 22190/- | 22190/- |
| Grand Total :- | | | | 22190/- |

In Words: - ₹ Twenty Two Thousand One Hundred Ninety Only.

Terms & Conditions :-

1. Terms of Payment :- 100% Advance along with Purchase Order work completion report from The concerned.
2. Taxes :- Inclusive of above price.
3. Delivery :- Immediate from the receipt of P.O at your end, otherwise, the said P.O will stand cancelled and any liability arising will solely be of Mahalaxmi Electrical, Ichalkaranji.
4. Delivery address :- Dr. J. J. Magdum College of Engineering, Jaysingpur.
5. Insurance :- Transit Insurance at your end.
6. Transportation :- Transportation Extra
7. Warranty/Guarantee :- As per company rule.

No material will be accepted on Sunday, which is our weekly holiday, and on any other Govt. Holiday.

This purchase order is issued subject to terms and condition printed overleaf.



Atul
PRINCIPAL

Dr. J.J. Magdum College of
Engineering Jaysingpur-415101

Atul

Atul
Campus Director

Dr. J.J. Magdum College of Engg.
Jaysingpur

Payment Voucher

Dated : 6-Feb-2023

| Particulars | Amount |
|------------------------------------|-----------|
| Account : Electrical R & M Exp. | 27,220.00 |

Through :
The Federal Bank Ltd (8459)

On Account of :
BEING AMOUNT PAID TO MAHALAXMI
ELECTRICALS TOWARDS PURCHASE OF
ELECTRICAL MATERIAL

Amount (in words) :
Indian Rupees Twenty Seven Thousand Two
Hundred Twenty Only

₹ 27,220.00

Receiver's Signature:




Authorised Signatory

| Supplier name | | | Mahalaxmi Electrical | | Remark | |
|---------------|-------------|---------------------------------|----------------------|-------|--------|----------------------------|
| Sr no | Description | Qty | Rate | Total | | |
| 1 | 1 | 20 W LED Tube State | 85 | 170 | 14450 | |
| 2 | 3 | 40 W Electronic Choke | 12 | 120 | 1440 | |
| 3 | 4 | 6 A Switch Moduler | 20 | 14 | 280 | |
| 4 | 5 | 6 Soket Moduler | 10 | 25 | 250 | |
| 5 | 6 | Celling Fan Condencer/Capcitor | 12 | 20 | 240 | |
| 6 | 7 | Casing Patti | 3 | 35 | 105 | |
| 7 | 18 | 25 MM 3 Core Al Cable Flexibale | 35 | 155 | 5425 | Sunplast ISI 25 x 3.5 core |
| Total= | | | | | 22190 | |

1) Mahalaxmi
Terms & Condition
100% Cash Payment
Including GST Rate
Transportation - Extra

| Sr no | Item | Avaibale company | |
|-------|--------------------------------|------------------|-------------------|
| 1 | 20 W LED Tube State | Lukar | 1.5 year warranty |
| 2 | 40 W Tube | Surya | Glass |
| 3 | 40 W Electronic Choke | Phillips | |
| 6 | Celling Fan Condencer/Capcitor | Poercon | |

Hand
store

Real Estate

J.

[Signature]
PRINCIPAL
Dr. J.J. Magdum College of
Engineering Jaysingpur-41610

[Signature]
Campus Director
Dr. J.J. Magdum College of Engg.
Jaysingpur



No. _____ Date: 28-12-22

M/s _____
Address: काठजुड़ रोड

| S. No. | Particulars | Qty. | Rate | Amount |
|--------|------------------------|------|------|--------|
| 1 | Joker 20 led Tube set | 85 | 170 | 14450 |
| 2 | Sunya 40w Tube | 12 | 48 | 576 |
| 3 | Philips 40w chock | 12 | 120 | 1440 |
| 4 | Am GA switch (2 in 1) | 20 | 14 | 280 |
| 5 | Am GA socket (E-11) | 10 | 25 | 250 |
| 6 | 2.5 कन्फायर 2 NC | 12 | 20 | 240 |
| 7 | 20 Ceiling patti 2" | 03 | 35 | 105 |
| 8 | 25x8 Samrat screw | 20 | 120 | 240 |
| 9 | 60x8 | 10 | 145 | 1450 |
| 10 | 75x8 | 10 | 175 | 1750 |
| 11 | 35x8 | 10 | 95 | 950 |
| 12 | Recessed Page Marshall | 5 | 15 | 75 |
| 13 | 300 mm die | 20 | 150 | 3000 |
| 14 | Flat wire | 10 | 1220 | 12200 |
| 15 | 1mm wire kel | 20 | 1090 | 21800 |
| 16 | Tape Bloom | 5 | 10 | 50 |

~~Ceiling Rose fan - 06~~
~~25x8 5 10x8 5 cable 35m~~

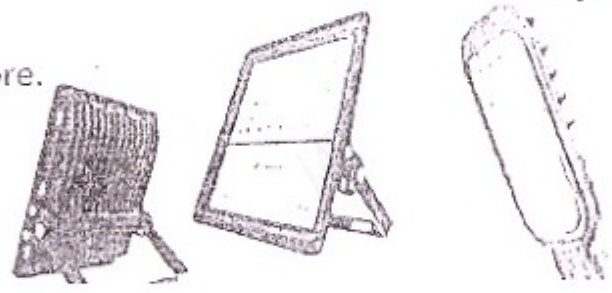
① Including GST Rate
② 100% Cash Payment Recd

Total → 21821 = 00

Ckd. by _____ Pkd. by _____ Signature _____

HEERAM 2021
9011942169
ORION
1111 STREET LIGHT

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Shine bright.



www.goldmedalindia.com

Address
EUREKA
Rahi Bakh
Gandhi Comity

OK
TAX INVOICE

(ORIGINAL FOR RECIPIENT)

MAHALAXMI ELECTRICALS
12 K. P. Complex, Ichalkaranji-416115.
No 0230-2453293, Mobile-9011942169
ANK-ICICI BANK/AC-635705500837
SC-ICIC0006357
GSTIN/UIN: 27BFTPK9487A1ZU
State Name : Maharashtra, Code : 27
E Mail : mahalaxmielecricals86@gmail.com
Buyer (Bill to)

Dr J.J. Magadam College of Engineering (Jaysingpur)
Gat No289,(314/330) Shirol-Wadi Road,(Agarbhag)
Jaysingpur. 02322-221123/221831
Director Adnute Sir 9422411441
Purchase Santosh Supanekar 9765346469
State Name : Maharashtra, Code : 27
Place of Supply : Maharashtra

Invoice No. **2439/2022-23**
Delivery Note **1778**
Reference No. & Date
Buyer's Order No. **verbal**
Dispatch Doc No.
Dispatched through
Terms of Delivery **Auto Irfan**
Dated **3-Feb-23**
Mode/Terms of Payment **Immediate**
Other References **Nil**
Dated **3-Feb-23**
Delivery Note Date **3-Feb-23**
Destination

| Sl No | Description of Goods | HSN/SAC | GST Rate | Quantity | Rate | per | Disc. % | Amount |
|--------------------|--|---------|----------|------------|--------|------|-----------|-----------|
| 1 | Luker 20w Led Tubeset | 8414 | 18 % | 85.00 Nos. | 170.00 | Nos. | 15.2542 % | 12,245.77 |
| 2 | Philips 36w Sumo Choke Electronic Choke | 8414 | 18 % | 12.00 Nos. | 120.00 | Nos. | 15.2542 % | 1,220.34 |
| 3 | Condensor 2.5 Mfd | 8414 | 18 % | 12.00 Nos. | 20.00 | Nos. | 15.2542 % | 203.39 |
| 4 | Casing Patti 1" Zeolite | 8414 | 18 % | 3.00 Nos. | 35.00 | Nos. | 15.2542 % | 88.98 |
| 5 | Sunplast 25mm 3.5 Core Alli Arm.Cable | 8414 | 18 % | 35.00 Mtr | 155.00 | Mtr | 15.2542 % | 4,597.46 |
| | | | | | | | | 18,355.94 |
| | | | | | | | | CGST 9% |
| | | | | | | | | SGST 9% |
| Less: Rounding Off | | | | | | | | 1,672.04 |
| | | | | | | | | 1,652.04 |
| | | | | | | | | (-).02 |



Total

Amount Chargeable (in words)

Rupees Twenty One Thousand Six Hundred Sixty Only

₹ 21,660.00
E. & O.E

| Taxable Value | Central Tax Rate | Central Tax Amount | State Tax Rate | State Tax Amount | Total Tax Amount |
|---------------|------------------|--------------------|----------------|------------------|------------------|
| 18,355.94 | 9% | 1,652.04 | 9% | 1,652.04 | 3,304.08 |
| Total: | | 1,652.04 | | 1,652.04 | 3,304.08 |

Tax Amount (in words) : **Rupees Three Thousand Three Hundred Four and Eight paise Only**

Remarks:
1. goods once sold will not be taken back. 2. if payment note made within terms interest will be charged @24 % p.a. 3. goods despatched of buyers risk. 4. we are not responsible for any kind of damage
Company's PAN : **BFTPK9487A**
Declaration
Certified that the particulars given above true & correct.

Company's Bank Details
A/c Holder's Name : **MAHALAXMI ELECTRICALS**
Bank Name : **ICICI BANK LTD, CA-635705500837**
A/c No. : **635705500837**
Branch & IFS Code : **ICHALKARANJI & ICIC0006357**
for **MAHALAXMI ELECTRICALS**

SUBJECT TO ICHALKARANJI JURISDICTION

This is a Computer Generated Invoice

Authorised Signatory

Payment Voucher

Dated : 15-Oct-2022

| Particulars | Amount |
|------------------------------------|----------|
| Account : Electrical R & M Exp. | 9,086.00 |

Through :

The Federal Bank Ltd (8459)

On Account of :

BEING AMOUNT PAID TO APARNA
ELECTRICAL TOWARDS PURCHASE OF
ELECTRICAL MATERIAL ETC AND IT
DEPARTMENT

Amount (in words) :

Indian Rupees Nine Thousand Eighty Six
Only

₹ 9,086.00

AutShinde
Receiver's Signature:

[Signature]
Authorised Signatory



[Handwritten mark]

Dr.J.J.Magdum Trust's (No. E /902)

Dr.J.J.Magdum College of Engineering, Jaysingpur.

Approved by A.I.C.T.E., New Delhi, Recognized by Govt. of Maharashtra (DTE) &

Affiliated to SHIVAJI UNIVERSITY, KOLHAPUR.

Gat No.289(314/330), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416 101.Dist.-Kolhapur(M.S).

Tel.No.: (02322) 221123 Fax No. : (02322) 221831. Email: principal@jjmcoe.ac.in

Website:www.jjmcoe.ac.in

JJMCOE/2021-22/

Date: - 13th October 2022

To,
Aparna Electrical,
15th Lane Shirol Wadi Road,
Jaysingpur

Subject: Purchase Order for supply of Electric Material (ETC and IT Department)

Reference: - Your quotation Dt.13/09/2022.

Sir,

With reference to the above subject, we are pleased to place the order for the following,

| Sr. No. | Particular | Amount Rs. |
|---------------|---|------------|
| 1. | Supply material as per enclosed list and rate chart | 9,086/- |
| Sub Total : - | | 9,086/- |

In Words: - ₹ Nine Thousand and Eighty Six Only.

•Terms & Conditions :-

1. Terms of Payment : - 100% Advance along with Purchase Order.
2. Taxes : - Inclusive of above price.
3. Delivery : - Within 2 days from the receipt of purchase order at your end, otherwise, the said purchase order will stand cancelled and any liability arising will solely be of **Aparna Electrical, Jaysingpur**
4. Delivery address : - Dr. J. J. Magdum College of Engineering, Jaysingpur.
5. Insurance : - Transit Insurance at your end.
6. Transportation : - At your end.
7. Warranty:- As per company rules.

No material will be accepted on Sunday, which is our weekly holiday, and or any other Govt. Holiday.

This purchase order is issued subject to terms and condition printed overleaf.

[Signature]
PRINCIPAL

Dr. J. J. Magdum College of Engineering
Jaysingpur - 416 101

[Signature]
Campus Director

Dr. J. J. Magdum College of Engg.
Jaysingpur



[Handwritten signature]
Anil Shinde

Dr.J.J.Magdum Trust's (No. E /902)

Dr.J.J.Magdum College of Engineering, Jaysingpur.

Approved by A.I.C.T.E., New Delhi, Recognized by Govt. of Maharashtra (DTE) &

Affiliated to SHIVAJI UNIVERSITY, KOLHAPUR.

Gat No.289(314/330), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416 101.Dist.-Kolhapur(M.S).

Tel.No.: (02322) 221123 Fax No. : (02322) 221831. Email: principal@jjmcoe.ac.in

Website:www.jjmcoe.ac.in

Date: - 13/10/2022

Material List

| Sr. No. | Particular | Qty. |
|---------|---------------------------|------------|
| 1 | Casing Capping | 30 Nos. |
| 2 | 1.5 Sq. mm Polycab wire | 1 ½ Bundle |
| 3 | 1 sq. mm Polycab wire | 1 Bundle |
| 4 | 25*8 (150 Pcs) | 1 Box |
| 5 | Rawal Plug | 05 Nos. |
| 6 | 5 in 1 withbox | 01 Nos. |
| 7 | 16A Top | 04 Nos. |
| 8 | 20 Watt Tube Set (Surya) | 16 Nos. |
| 9 | 60*8 | 2 Dozen |
| 10 | Tape | 03 Nos. |



Signature



Signature

15/10/22

7/9/2022

To,
The Principal/Campus Director,
Dr. J. J. M. C. O. E.

Subject: Regarding urgent electrical work at
ETC dept.

Respected Sir/Madam,

As our laboratories and classrooms are
being shifted; so to conduct academics
smoothly some urgent repair work and
some new installation is needed at
ETC (laboratories & classrooms). Regarding this,
a survey was conducted by Mr. Goutam Novale
and Mr. R. B. Pahl. They have provided
~~total~~ budget of total Rs. 8600/-.

So hereby I request you to kindly sanction
the same at earliest.

Thank you.

Yours faithfully,



M. N. Kulap
Head, ETC.

Total ETC and
IT Rs. 9086/-
Rs. 8700/-

Forwarded for
sanctioning
up to
11/10/22

Permitted
to
procure
IT + ETC
combined
RS. 8700/-
with GST
Amul
12/11/22

To
Chairman

As the shifting
of ~~Electronics~~ ^{ETC} to Electronics
Engg. is in progress.

So it is tentative budget.
Kindly approve. Once
approved will
get exact pricing

Amul

forwarded for
further approval of
budget [urgent require ^{read}]

Pahl
07/10/22

Vijay

To
Anil Pahl
Pl. get pricing
details from
2-2 shops
Amul
07/11/22

*13/9/22

Enclosed quotation - Apama Electronics JSP Rs. 7166/- up to



HOD ECE <hodece@jjmcoe.ac.in>

Regarding send the electrician to visit the ETC department for budgeting the maintenance & new electrical work during shifting of ETC department's class rooms & laboratories.

message

Pramod Upadhye <pramod.upadhye@jjmcoe.ac.in>

Fri, Sep 2, 2022 at 1:18 PM

To: Milind Bhilavade <electricalmaintenance@jjmcoe.ac.in>

Cc: HOD ECE <hodece@jjmcoe.ac.in>, hodetc@jjmcoe.ac.in, Sunil Admuthe <campusdirector@jjmcoe.ac.in>, "Principal Dr. J J Magdum College of Engineering" <principal@jjmcoe.ac.in>

Respected sir,

Our E&TC department's (laboratories & class rooms)shifting & new installation work is in progress. So, during this process, some old electrical connections should be remove & new connection to do.

For this purpose & physical verification of work,Please send the electrician today only on urgent basis.

Thanking you,

Yours faithfully



दिनांक - 05/09/22

प्रति,

प्राचार्य,

डॉ. जे. जे. महादुम कॉ. उच्च इंजिनीअरिंग
जयसिंगपुर

विषय - EATC विभागातील वॉलिव वापरिंग व सेव्हिंग्स व

सहाय्य,

आपल्या इंजिनीअरिंग कॉलेजसाठी EATC वि
नवीन वापरिंग व इलेक्ट्रॉल सेव्हिंग्स करण्याचे
त्या कामासाठी लागणा-या साहित्याचा यादी सा
जोडत आहे. तरी ते साहित्य व काम करण्यात
परवानगी मिळावी. हे विनंती.

वरिल साहित्यासाठी अंदाजे खर्च - 8600 रु

checked by

F.B. Patil



[Signature]

chif co-ordin
Electrical Branch

kindly permit as
its urgent requirement
5/9/2022

permitted,
with calculation
& approval of budget
Patil
06/09/22

i touch
modular 888

रिडिंग कॉपींग यन्त्र - 30 नंदा

5 sq. mm तार 1 1/2 लड्डल

20 sq. mm तार 01 लड्डल

25 x 8 तार - 01 BOX

राडल प्लग - 05 नंदा

5 INCH लॉक - 01 नंदा

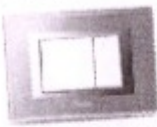
with BOX

16 A तार - 04 नंदा

LED लड्डल - 08 नंदा

60 x 8 तार - 02 तार

फ्लॉक टैप - 03 नंदा



i Qube
SWITCHES

Addition To Your Finest Lifestyles...



Dr. J. J. Magdum College of Engineering

Jayasingpur

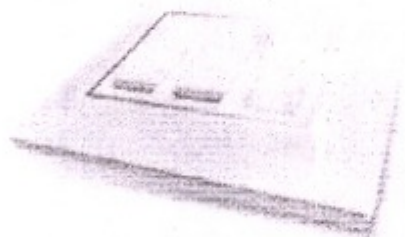
(ETC Dept)

Apam
electrical

touch
modular

13/09/2022

| | | | |
|---------|-------------------|---------------|-------------|
| | Casing casing | - 30 x 47 | = 1410 |
| Polycab | 1.5 sq mm | - 11/2 x 1480 | = 2190 |
| | 1 sq mm | - 01 x 992 | = 992 |
| | 25 x 8 (strip) | - 01 x 90 | = 90 |
| | Rowat Plug | - 05 x 10 | = 50 |
| | Cint width | - 01 x 200 | = 200 |
| | 16A TOP | - 04 x 60 | = 240 |
| smpa | Rowat Tube (Smpa) | - 08 x 240 | = 1920 |
| | 60 x 8 | - 2 1/2 x 72 | = 64 |
| | Tape | - 05 x 10 | = 30 |
| | | | <u>7166</u> |



MARQ

The Ultimate Range ...

1994
JAYSHREE
JAYSINGPUR

Date :-7/10/22

To,
The Principal/Campus Director,
JIMCOE,
Jaysingpur.

Sub :- Requirement of LED Tubes.

Respected Madam/Sir

In Our IT Department we require Eight LED Tubes of 18 Watt each in Labs. So please do the needful.

Thanking You,

Yours
[Signature]
D.A. Mule

T.A.



Tentative cost 350 Rs Each for Led Tube

Seen
forwarded to
Principal mulem
Recommended,
[Signature]
7.10.2022
H.O.D. IT
[Signature]
7/10/22

To
Prof. Bhilavade
Pl. assign the
concerny staff
[Signature]
07/10/22

08 LED Tube set
[Signature]



Brief report of Biogas unit

It mainly comprises of hydro-carbon which is combustible and can produce heat and energy when burnt. Bio-gas is produced through a bio-chemical process in which certain types of bacteria convert the biological wastes into useful bio-gas. Since the useful gas originates from biological process, it has been termed as bio-gas. Methane gas is the main constituent of biogas.

Advantages of biogas production-

- It is a eco-friendly fuel.
- The required raw materials for biogas production is available in college campus.



- **Digester** - The slurry is fermented inside the digester and biogas is produced through bacterial action.
- **Gas holder or gas storage dome** - The biogas gets collected in the gas holder, which holds the gas until the time of consumption.
- **Outlet pipe** - The digested slurry is discharged into the outlet tank either through the outlet pipe or the opening provided in the digester.
- **Gas pipeline** - The gas pipeline carries the gas to the point of utilization, such as a stove or lamp.

Production of Gas-

Average gas production from dung may be taken as 40 lit/kg. of fresh dung or kitchen waste; when no temperature control is provided in the plant. One Cu. m gas is equivalent to 1000 litres.

1 Kg of food waste (sugar, starch, cellulose, protein or fat) yields 1 Kg biogas in 1d instead of 40 kg dung required in 40d.



Brief report of Composting unit

Waste generation from tree droppings & lawn management is a major solid waste generated in the campus. The waste is segregated at the source by providing separate dustbins for Bio-degradable and plastic waste. Single sided used papers reused for writing and printing in all departments and recently both side printing is carried out as per requirements. Metal, wooden, plastic waste is stored and given to authorized agents for further processing. The solid waste is collected by the municipal corporation and disposed by their methods.

The gardening team have been working to dispose or recycle the amount of waste coming out of the gardens. Greens are materials rich in protein or nitrogen like hedge clippings, coffee grounds and fresh leaves, while browns are materials rich in carbohydrates like twigs and cardboard.

We built a whole composting system in an unused part of the garden, which takes in all of our garden waste and turns it into super nutritious, healthy leaf mulch in about nine months.

Benefits-

Compost is really good for the soil and helps build the health of the plants: it's a bit like taking vitamins regularly for general health rather than relying on medication when you get ill.

Everything goes back into growing new plants, helping the lawns and even building new pathways.

The coffee grounds and the cardboard come from our offices: recycling them helps us reduce waste even more.



Dr. R.S. Chougule

Dept. of Civil Engg.

Dr. J.S. Lambe

H.O.D, Dept. of Civil Engg.





Brief report of Waste water treatment unit

A. Grit Chambers

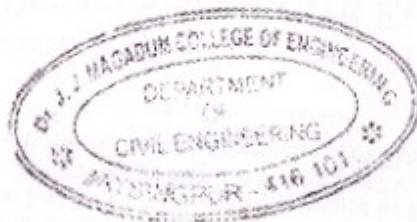
Grit chambers are long narrow tanks that are designed to slow down the flow so that solids such as sand, coffee grounds, and eggshells will settle out of the water. Grit causes excessive wear and tear on pumps and other plant equipment. Grit is composed of small coarse particles of sand, gravel, or other minute mineral material. Grit is removed to prevent damage to mechanical equipment and to maintain tank volume capacities.

Waste water is generated in various areas of college campus. It's specially designed for canteen and nearby toilet blocks.

B. Soak Pit

A soak pit or a soakaway is a closed porous chamber that is directly connected to a primary treatment unit of building. It serves the function of letting the wastewater coming from the septic tank and grit chambers to slowly soak into the underlying ground.

1. Soak pit serves the purpose of receiving the effluent water from the primary treatment unit.
2. Soak pit undergoes the partial treatment of the effluent water coming out of the primary treatment unit.
3. The soak pit discharges clear and non-harmful water to the ground.



(Signature)





Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur
Department of Civil Engineering

4. The soak pit is designed in such a way that the treated water comes out of the porous walls of the soak pit.
5. The soak pit helps to recharge the groundwater bodies

Dr. R.S. Chougule
Dept. of Civil Engg.

Dr. J.S. Lambe
H.O.D, Dept. of Civil Engg.






Dr. J. J. Magdum Trust's


Dr. J. J. Magdum College of Engineering, Jaysingpur
Department of Civil Engineering

Brief report of Percolation Tank

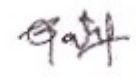
Percolation tank is an artificially created surface water body, submerging in its reservoir a highly permeable land, so that surface runoff is made to percolate and recharge the ground water storage.

1. Percolation tank is an artificially created surface water body, submerging in its reservoir a highly permeable land so that surface runoff is made to percolate and recharge the ground water storage.
2. Percolation tank should be constructed preferable on second to third order streams, located on highly fractured and weathered rocks which have lateral continuity down stream.
3. The size of percolation tank should be governed by percolation capacity of strata in the tank bed. Normally percolation tanks are designed for storage capacity of 0.1 to 0.5 MCM. It is necessary to design the tank to provide a ponded water column generally between 3 & 4.5 m.
4. The percolation tanks are mostly just like earthen dams with masonry structure only for spillway. The purpose of the percolation tank is to recharge the ground water storage and hence seepage below the seat of the bed is permissible. for dams upto 4.5 m. height, cut off trenches are not necessary and keying and benching between the dam seat and the natural ground is sufficient


Dr. R.S. Chougule
Dept. of Civil Engg.


Dr. J.S. Lambe
H.O.D, Dept. of Civil Engg.








Brief report of Effluent Treatment unit-

Effluent Treatment Plant or ETP is one type of waste water treatment method which is particularly designed to purify and dispose waste water for its reuse and it's aim is to release safe water to environment from the harmful effect caused by the effluent.

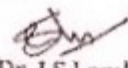
Effluents contain various materials. Some effluents contain oils and grease, and some contain toxic materials (e.g. cyanide). Effluents from food and beverage factories contain degradable organic pollutants. Since industrial waste water contains a diversity of impurities and therefore specific treatment technology called ETP is required.

Benefits-

1. To clean laboratory effluent and dispose it.
2. To reduce the usage of fresh water in laboratories; in campus.
3. To preserve natural environment against pollution.
4. To meet the standards for emission of pollutants set by the Government & avoid heavy penalty.
5. To reduce expenditure on water acquisition.

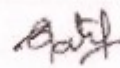

Dr. R.S. Chougule

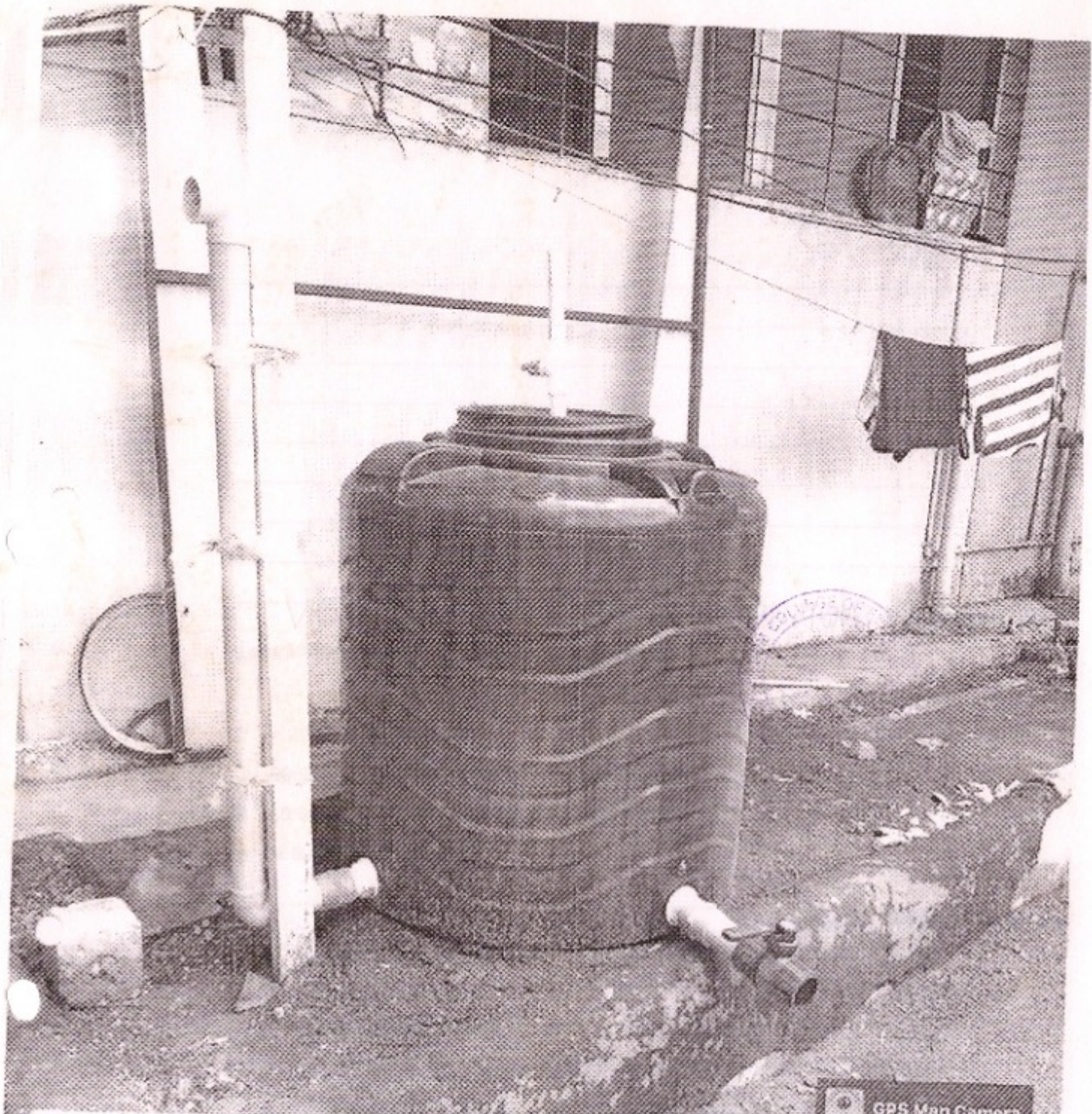
Dept. of Civil Engg.


Dr. J.S. Lambe

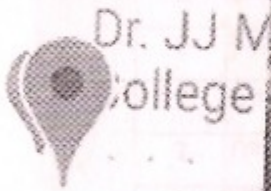
H.O.D, Dept. of Civil Engg.







GPS Map Camera



Dr. JJ M
College

Jaysingpur, Maharashtra, India

Shop No 1, Near J J Magdum College, near Sidhivinayak Temple, Mahavir Colony, Swapnanagarl, Jaysingpur, Maharashtra 416101, India

Lat 16.766116°
Long 74.566583°
03/09/22 01:16 PM

Google



Handwritten signature or initials.



3/2/2

Google



Dr. J.J. Magdum
College of Engineering

Jaysingpur, Maharashtra, India

Shop No 1, Near J J Magdum College, near Sidhivinayak Temple,
Mahavir Colony, Swapnanagar, Jaysingpur, Maharashtra 416101, India
Lat 16.766119°
Long 74.566583°
03/09/22 01:18 PM

GPS Map Camera

Google



Jaysingpur, Maharashtra, India

QH88+8M3, Swapnanagari, Jaysingpur, Maharashtra 416101, India

Lat 16.766156°

Long 74.566754°

03/09/22 01:20 PM

GPS Map Camera



Handwritten signature

Dr. J.J. Magdum College of Engineering

Payment Voucher

Dated: 20-8-22
20 Aug 2022

| Particulars | Amount |
|--|-------------|
| Account : Machinery & Instruments A/c | 7,400.00 |
| Less: SANJAY KALE | (-)5,000.00 |

Through :

Cash

On Account of :

BEING AMOUNT PAID TO SANJAY KALE
TOWARDS PREPARATION OF COMPOSIT
MACHINE

Amount (in words) :

Indian Rupees Two Thousand Four Hundred
Only

₹ 2,400.00



Receiver's Signature:

Patil
Authorised Signatory



Form No.02.



Dr. J. J. Magdum Trust, Jaysingpur.

Date:- 20/5/21

In continuance of Requisition /Form No- 01 Dt.

To,

The Director/Principal/Medical Superintendent/Head Master/Head Mistress
Dr. J. J. Magdum C. O. Jaysingpur

Sir/Madam,

Subject: - Civil Work:- To Mating Compositing Machine for college salad waste.

- 1. Labour Name/Contractor Name Saayp kote
- 2. Date of commencement of work 01/5/21
- 3. Material supplied details Amount Rs. 5100/-
- 4. Percentage (%) of work done 100%
- 5. Weather site is cleaned (Yes/No) Yes
- 6. Quality of work (Very Good/Good/Average) Good.
- 7. Weather work completed as per work order (Yes/No) Yes
- 8. Weather work completed as per agreed rate (Yes/No) Yes

Remarks:- AYV - 5000/-

Final amount 6900 - 5000 = 1900/- pay be.



Signature of Supervisors

Sign of Accountant

Sign of Registrar

Sign of Principal

Sign of Director

for each work of work order
Chamber cabin
2500
2400

20/5/21

श्री समर्थ सप्लावर्स, अहमदाबाद
मु.पो. उदगांव, ता. जिराफ
फोन 901-447179

23/8/22
डॉ. डी. डी. महादूम इंजिनियरिंग कॉलेज

| | |
|-------------------------|---------|
| 1) 6" x 1000 पीट | - 15000 |
| 2) 1/2 हाउस स्लैब | - 2000 |
| 3) रिजल्ट 12 पोली x 340 | - 4080 |
| | <hr/> |
| | 4080 |

QZ



QZ

Dr. J. J. Magdum Trust, Jaysingpur

For,
The Director/Principal/Medical Superintendent/Head Master/Head Mistress

Dr. J. J. Magdum C. O. Jaysingpur

Sir/Madam,

Subject: Civil Work: Construction of Sewage Treatment Settlement
near primary school canteen & Parasitology Room

First Bill:-

1. Name of the Contractor/Labour/Supplier 2. Material Required Details & Amount Rs. 3. Labour Charges Amount Rs.

Mr. Jagan Shankar
Jaysingpur
Thiruvananthapuram

① Bricks 2500 x 3 = 15000

② Cost 25 x 320 = 8000

③ Cement sand 1:5 = 7500

④ sand pit - 2500

35500

① Parasitology Room - 6

② Septic Tank - 700

13500

11K

10 days.

5. Remarks: Work done - 6000

Note: - Enclosed Quotation

Signature supervisor

Sign of Contractor

Sign of Reconstructor

Sign of Principal

Sign of Director

[Signature]

[Signature]

[Signature]

[Signature]



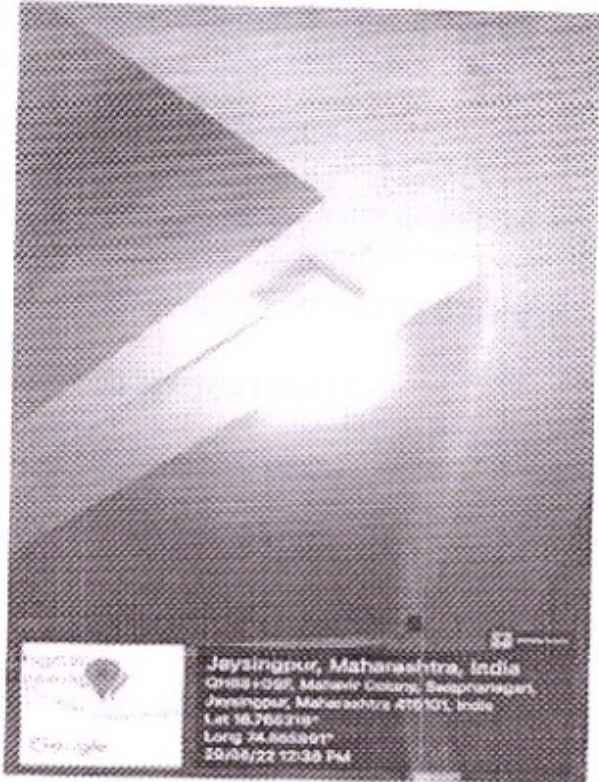
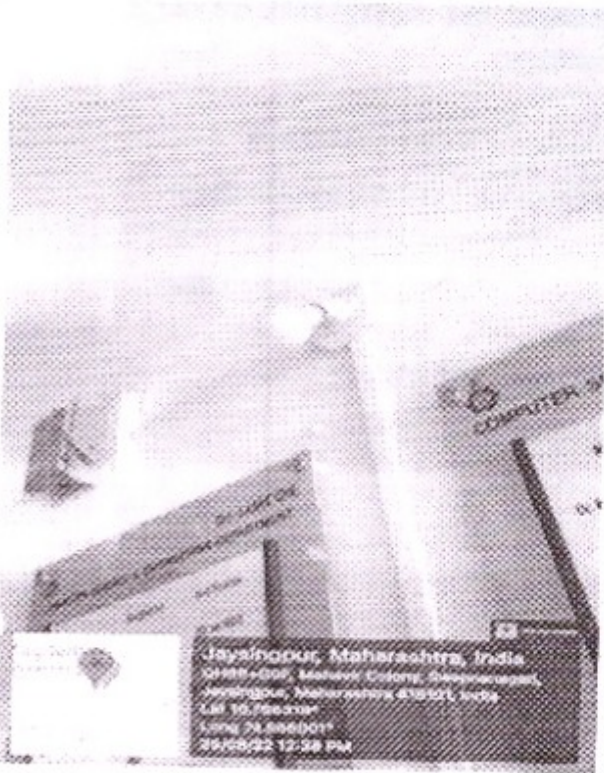
Date:- 22/12/2016

7.1.2

Summary Report of the
facilities & Initiatives
taken by Institute



LED BULBS / TUBE / MOTION SENSOR



Atul



CASH CREDIT

MEMO

MR: Dr. J.S. Magdum Engg. College Jaysingpur

Date: 21/08/2020

| Quantity मात्रा | Particulars विवरण | Rate दर | Amount रक्कम |
|---------------------------|--------------------------------------|------------|-----------------|
| 01 | 09 watt motion sensor dwb Havelis | | 420 |
| | | | 420 |
| अपर्णा इलेक्ट्रीकल | | | |
| फोन: 9577101100 | | | |
| मान पत्राचा अर्थात | | | |
| THANK YOU | | TOTAL | |



अर्थात

TAX INVOICE

(ORIGINAL FOR RECEIPT)

KEY STORES
 100, JAYANGI NAGAR, BLDG
 100, JAYANGI NAGAR, BLDG NO-1
 JAYANGI NAGAR - 415119
 AT. NO. - UDYAM-VII-15-00-00000
 TUMAKURU - KARNATAKA 576102
 PH. NO. - 08229924225 / 0822 2233616
 EMAIL - KEYSTORES@KEYSTORES.COM
 Website - www.keystores.com

U Madgum College of Engineering, Jaysingpur

State: Maharashtra, Code : 27

Invoice No. **0819/2022-23** Date: **4-Jun-2022**
 Delivery Note Model/Term of Payment
 Supplier's Ref Other Reference(s)
 Buyer's Order No. Date
 Dispatch Document No. Delivery Note Date
 Dispatched through Destination
 Terms of Delivery

| Description of Goods | HSN/SAC | CGST Rate | Quantity | Rate | per | Disc % | Amount |
|-----------------------------------|---------|-----------|-------------|----------|-----|--------|----------|
| 5 Sqmm Wire (Prepaid) | 8544 | 18% | 2 Bundle | 1,750.00 | Nos | 10.25% | 3,039.14 |
| 3" Z-Clite Kosing Patti | 3818 | 18% | 20 Nos | 45.00 | Nos | 10.25% | 762.75 |
| GW Ceiling Rose | 8538 | 18% | 8 Nos | 20.00 | Nos | 10.25% | 135.60 |
| Curve Play Angel Holder | 8538 | 18% | 8 Nos | 30.00 | Nos | 10.25% | 203.40 |
| 18A DP MCB L&T | 8538 | 18% | 1 Nos | 400.00 | Nos | 10.25% | 339.00 |
| 20W Laser Ray NEO Batten Crompton | 9406 | 12% | 26 Nos | 190.00 | Nos | 10.71% | 4,410.93 |
| | | | (26 CP CAR) | | | | |
| 25X8 Screws | 7415 | 18% | 1 Box | 80.00 | Box | 10.25% | 67.80 |
| Marshall 10x25 PVC RavaPlug | 3925 | 18% | 1 Nos | 12.00 | Nos | 10.25% | 10.17 |
| Curve 3 in 1 Sockets | 8536 | 18% | 3 Nos | 64.00 | Nos | 10.25% | 149.38 |
| Curve 10A Switch | 8536 | 18% | 6 Nos | 25.00 | Nos | 10.25% | 127.12 |
| 1 : 2 Way Junction | 3017 | 18% | 8 Nos | 10.00 | Nos | 10.25% | 67.80 |
| Leo Choke X | 8504 | 18% | 42 Nos | 118.00 | Nos | 10.25% | 4,200.21 |
| 2.5 Mfd Capacitor | 7104 | 18% | 25 Nos | 20.00 | Nos | 10.25% | 528.00 |
| 4-14W LED BULB CROMPTON | 8538 | 12% | 18 Nos | 190.00 | Nos | 10.71% | 2,893.00 |
| 8 36W Tube Crompton | 8538190 | 18% | 42 Nos | 40.00 | Nos | 10.25% | 1,493.80 |

CGST 6% 61% 438.24
 SGST 6% 61% 438.24
 CGST 9% 9% 994.39
 SGST 9% 9% 994.39
 Round Off 110.00

Bill Details:
 New Ref: 88888 21218.00 Dr

Handwritten:
 APP NO. 11
 06/06/22
 Key Stores Del.
 Upati



Total ₹ 21,218.00
 C A O E

Amount Chargeable (in words)
 Indian Rupees Twenty One Thousand Two Hundred Eighteen Only

Company's PAN: ARXPP9850D

Company's Bank Details
 Bank Name: Central Bank of India C/A A/c - 3518134900
 A/c No: 3518134900
 Branch & IFS Code: Ichalkaranji & CIBN0282575

Declaration
 I/We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct. Goods once sold will not be taken back under any circumstances. In case of payment delay the customer is liable to pay interest @ 18% p.a. In case of cheque disbursement the customer is liable to pay Rs. 500/- as penalty.

SUBJECT TO CHALKARANKUR JURISDICTION
 Free & Export of Goods/Services

Handwritten:
 Upati
 06/06/22

Handwritten:
 Gati





॥ श्री ॥

मो. ९२७०६२६९९६

मयूर इलेक्ट्रॉनिक्स

१२ वी पल्ली, सिटी रोड, जयसिंगपुर - ४१६ २०१

बिल नंबर

दिनांक - 22/12/2021

म. सं.

Dr. J. V. Magdum College of Engineering, Jaysingpur

LED 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132, 144, 156, 168, 180, 192, 204, 216, 228, 240, 252, 264, 276, 288, 300, 312, 324, 336, 348, 360, 372, 384, 396, 408, 420, 432, 444, 456, 468, 480, 492, 504, 516, 528, 540, 552, 564, 576, 588, 600, 612, 624, 636, 648, 660, 672, 684, 696, 708, 720, 732, 744, 756, 768, 780, 792, 804, 816, 828, 840, 852, 864, 876, 888, 900, 912, 924, 936, 948, 960, 972, 984, 996, 1000

| मालावा लघुशील | नग | दर | किंमत रुपये | पैसे |
|-------------------------------------|----------|-----|----------------|------|
| 20 watt LED tubeset | 10 00 | 275 | 2750 | |
| library section 4 punch upate | | | | S |
| कुल मूल्य | | | 2750 | |
| 20000 70000 50000 | | | | |

मयूर इलेक्ट्रॉनिक्स कंपनी



Handwritten signature

21/12/2021

मा प्राचार्य सौ
डॉ. जे. जे. गगनधर डी. पी. कॉलेज
नवसिंहपुर

विषय: LED ट्यूब लैट मिशनो वर

बाह्यगीय सर

आपण। इलिन गधील लायवरी डिपार्टमेंट

मध्ये LED ट्यूब लैट 1000 लामगाए चक्षुन ती

मागवण्याची परवानगी मिळावी हि विनंती



क्याव
Akshid

गेताह [कनिष्ठेजम]



पत्र





11 वीं 11

फोन: 9200524915

मयूर इलेक्ट्रॉनिक्स

१२ वीं गल्ली, विरोध रोड, जयशंकर - ४११ १०१

दिनांक: 16/11/2018
श्री. ए. डॉ. J. Magdum College

LED TV, DVD, कॅमेरा, फ्लॅश, डिजिटल कॅमेरा, डि. वीडियो, कॅम्प्युटर, प्लायवूड, सोफा, इतर वस्तु व तुम्हाला कोणतेही वस्तु देण्यासाठी व इलेक्ट्रॉनिक्स सेवेसाठी

| माताधा लक्षण | मात्रा | दर | किंमत रुपये | टोटी |
|--|------------------------------------|-------|----------------|------|
| 18 WATT LED Bulk F.E Building Furo rooms. A. A. B. B. | 10 nos | 280/- | 2800/- | S |
| अधारी रक्कम | Two thousand Eight Hundred only | | एकूण 2800/- | |

मयूर इलेक्ट्रॉनिक्स करीता



Handwritten signature



दि - 15/11/2018

मा प्रार्थना हेतु
डॉ. पी. जी. गणपत इलिटि इन्स्टीट्यूट
जयसिंगपुर

विषय: LED लाम्ब गिरोस वस्तु
18 Watt + 10 गज

जादवीगोथ लट

मापण्या कॅम्प गधीक पे डिपारटमेंट मध्ये
गधीक 10 गज 18 Watt लाम्ब गिरोस वस्तु ते संकुल लाम्ब
गिरोस हे गिरोस



हस्ताक्षर

अध्यापक

गणपत इलिटि इन्स्टीट्यूट



गणपत



Tax Invoice

YASH ELECTRICALS
 9th LANE, STATION ROAD,
 JAYSINGPUR
 GSTIN/UIN: 27AHLPD0837E12M
 State Name : Maharashtra, Code : 27
 E-Mail : yashelectrical700@gmail.com

Invoice No. **516** Dated **28-Sep-2018**
 Delivery Note Mode/Terms of Payment
 Supplier's Ref. Other Reference(s)

Buyer
DR. J. J. MAGDUM COLLEG OF ENGG.
 JAYSINGPUR
 State Name : Maharashtra, Code : 27

Buyer's Order No. Dated
 Despatch Document No. Delivery Note Date
 Despatched through Destination
 Terms of Delivery

| Sl. No. | Description of Goods | HSN/SAC | Quantity | Rate | per | Disc % | Amount |
|--------------|----------------------|---------|------------------|--------|-----|--------|--------------------|
| 1 | LED TUBE SET 20 WATT | 9405 | 43.00 NOS | 313.00 | NOS | | 13,459.00 |
| 2 | LED BULB 12 WATT | 9405 | 12.00 NOS | 160.00 | NOS | | 1,920.00 |
| 3 | LED BULB 5 WATT | 9405 | 1.00 NOS | 98.00 | NOS | | 98.00 |
| | | | | | | | 15,477.00 |
| OUT CGST@6% | | | | | | | 928.62 |
| OUT SGST@6% | | | | | | | 928.62 |
| ROUND OFF | | | | | | | (-).24 |
| Less: | | | | | | | |
| Total | | | 56.00 NOS | | | | ₹ 17,334.00 |

Amount Chargeable (in words)

INR Seventeen Thousand Three Hundred Thirty Four Only

₹ 17,334.00
E & O.E

| Taxable Value | Central Tax Rate | Central Tax Amount | State Tax Rate | State Tax Amount | Total Tax Amount |
|---------------|------------------|--------------------|----------------|------------------|------------------|
| 15,477.00 | 6% | 928.62 | 6% | 928.62 | 1,857.24 |
| Total: | | 928.62 | | 928.62 | 1,857.24 |

Tax Amount (in words) : **INR One Thousand Eight Hundred Fifty Seven and Twenty Four paise Only**

Company's PAN : **AHLPD0837E**

Company's Bank Details

Bank Name : **THE RBL BANK, 1000512010001195**
 A/c No. : **1000512010001195**
 Branch & IFS Code: **JAYSINGPUR & RATN0000005**

Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for **YASH ELECTRICALS**
 Authorised Signatory

This is a Computer Generated Invoice



क्र. नं. CI161

Dr. J. J. Magdum College of Engg

दिनांक 19/11/2017

| वस्तु | मात्रा | दर | कुल मूल्य |
|-----------------|--------|-------|-----------|
| 18watt LED Bulb | 6 nos. | 290.0 | 1740=00 |
| CGST 6% + | | | 104=40 |
| SGST 6% + | | | 104=40 |
| | | | 1948=00 |

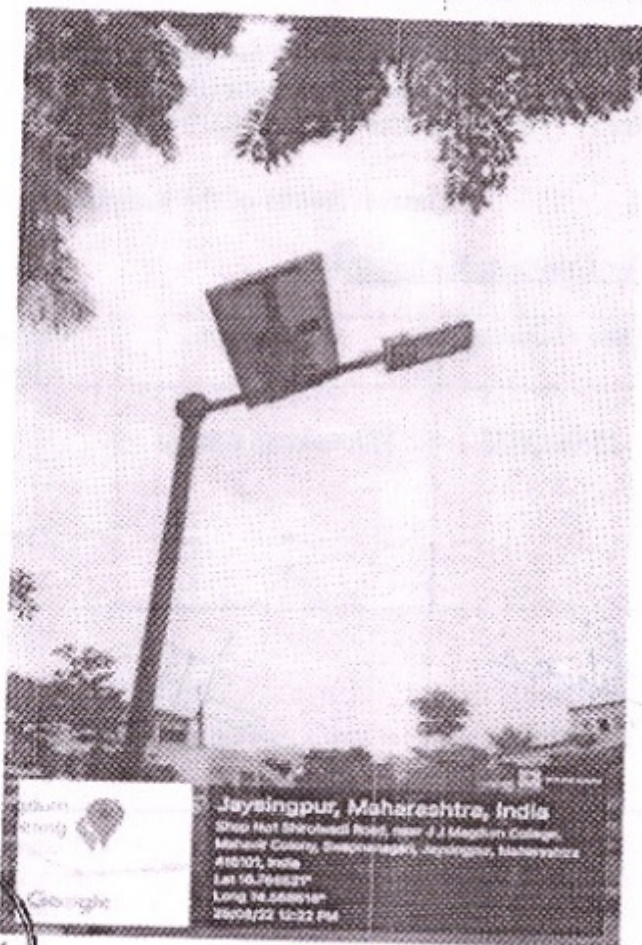
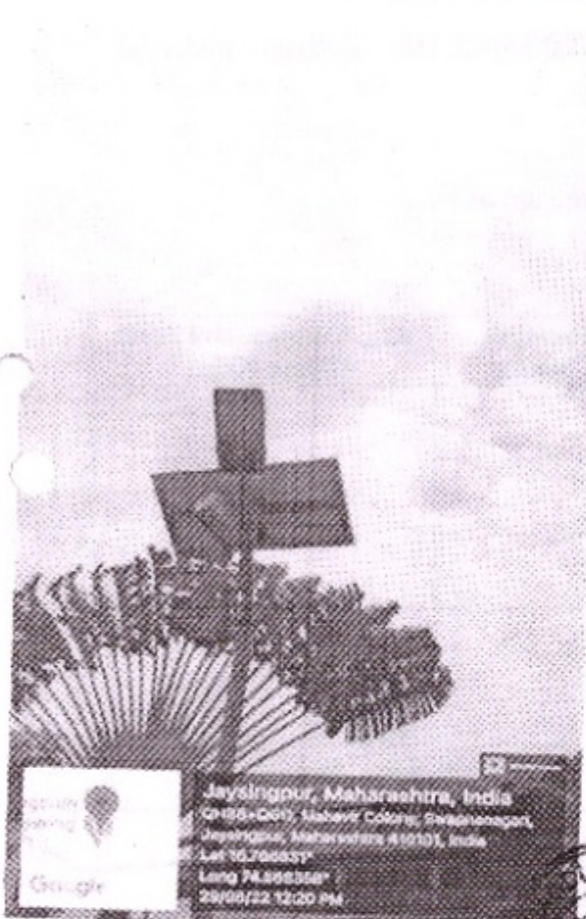
Dr. J. J. Magdum



Handwritten signature



SOLAR STREET POLES IN CAMPUS



Part 1



Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering

An 'A' Grade Institution (Awarded by Govt. of Maharashtra)

Approved by A. I. C. T. E., New Delhi. Recognised by; Govt of Maharashtra (DTE)

& Affiliated To SHIVAJI UNIVERSITY, KOLHAPUR.

Gat No. 314/330, Shirol -Wadi Road, Agarbhag, JAYSINGPUR - 416 101. Dist.- Kolhapur.

Ref.No.-JJMCOE/TEST/Cv/23-24/112/C

Date:- 01/09/2023

Department of Civil Engineering

To
Deputy Engineer(Class-I),
Rural Water Supply,
Subdivision No. 08,
Shirol.

Sub:- Testing of Concrete Cube.

Name of Agency :- Aditya BuildCon, Danoli, Tal - Shirol, Dist- Kolhapur.

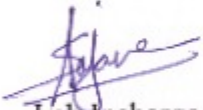
Name of work :- Drinking water Supply in Mauje Chipari, Tal Shirol, Dist -Kolhapur under Jal Jeevan Mission(Beghar Vasahat ESR)

Ref : - Your letter No.- nil, Dt. 01/09/2023.


The test results of the sample supplied to us are as below.

For Concrete Cube:-(M30)

| Date of Casting | Particulars | Compressive Strength After 07 Days N/mm ² | Avg. Compressive After 07Days N/mm ² |
|-----------------|---------------------|--|---|
| 25/08/2023 | ESR Column II Stage | 28.20 | 28.23 |
| | | 28.15 | |
| | | 28.35 | |

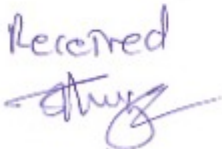

Lab Incharge


Testing Incharge


Head of
Civil Engg. Department

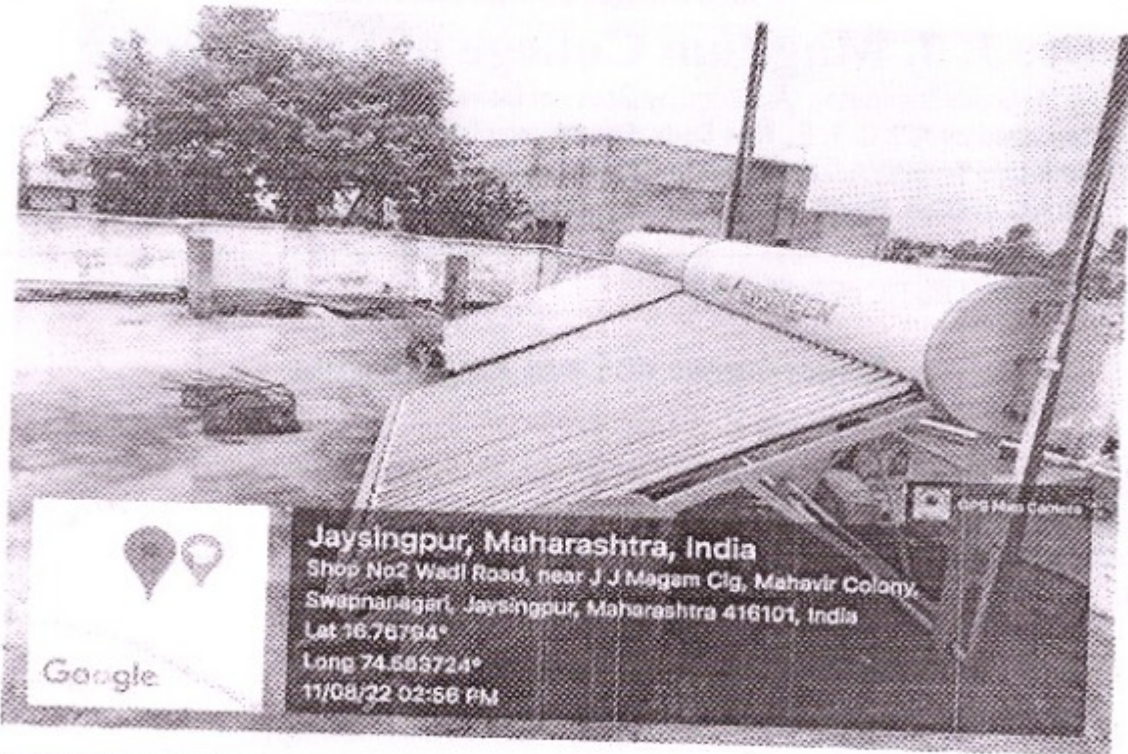
Tel No. : (02322) 221825, 221827
Fax No. : (02322) 221831
E-mail : (02322) kpr_jjmcoe@sancharnet.in
Website : www.jjmcoe.org

Chairman : (0) : 221830, (R) : 228273
Exe. Dir. : (0) : 221828, (R) : 221292
Principal : (0) : 221829 (Direct)

Received




SOLAR IN GIRLS HOSTEL



Jaysingpur, Maharashtra, India
Shop No2 Wadi Road, near J J Megam Cig, Mahavir Colony,
Swapnagar, Jaysingpur, Maharashtra 416101, India
Lat 16.76794°
Long 74.589724°
11/08/22 02:56 PM



Jaysingpur, Maharashtra, India
Shop No2 Wadi Road, near J J Megam Cig, Mahavir Colony,
Swapnagar, Jaysingpur, Maharashtra 416101, India
Lat 16.788051°
Long 74.563885°
11/08/22 02:54 PM

Gatel



Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering

An 'A' Grade Institution (Awarded by Govt. of Maharashtra)

Approved by A. I. C. T. E., New Delhi. Recognised by; Govt of Maharashtra (DTE)

& Affiliated To SHIVAJI UNIVERSITY, KOLHAPUR.

Gat No. 314/330, Shirol -Wadi Road, Agarbhag, JAYSINGPUR - 416 101. Dist.- Kolhapur.

Ref.No.-JIMCOE/TEST/Cv/23-24/119/F

Date:- 11/09/2023

Department of Civil Engineering

To
Deputy Engineer(Class-I),
Rural Water Supply,
Subdivision No. 08,
Shirol.

Sub:- Testing of Concrete Cube.

Name of Agency :- Aditya BuildCon, Danoli, Tal - Shirol, Dist- Kolhapur.

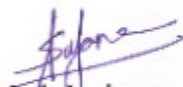
Name of work :- Drinking water Supply in Mauje Chipari, Tal Shirol, Dist -Kolhapur under Jal
Jeevan Mission(Beghar Vasahat ESR)

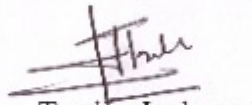
Ref : - Your letter No.- nil, Dt. 11/09/2023.


The test results of the sample supplied to us are as below.

For Concrete Cube:-(M30)

| Date of Casting | Particulars | Compressive Strength After 07 Days N/mm ² | Avg. Compressive After 07Days N/mm ² |
|-----------------|---------------------|---|--|
| 02/09/2023 | ESR IIIrd Brace Set | 29.22 | 28.79 |
| | | 28.35 | |
| | | 28.80 | |


Lab Incharge


Testing Incharge


Head of
Civil Engg. Department

Tel No. : (02322) 221825, 221827

Fax No. : (02322) 221831

E-mail : (02322) kpr_jjmcoe@sancharnet.in

Website : www.jjmcoe.org

Chairman : (0) : 221830, (R) : 228273

Exe. Dir. : (0) : 221828, (R) : 221292

Principal : (0) : 221829 (Direct)

Received