

| | |
|--------------|---|
| 7.1.2 | <p>The Institution has facilities and initiatives for</p> <ol style="list-style-type: none">1. Alternate sources of energy and energy conservation measures.2. Management of the various types of degradable and non-degradable waste.3. Water conservation.4. Green campus initiatives.5. Disabled-friendly, barrier free environment. <p>HEI Input : A. 4 or All of the above</p> |
|--------------|---|

2. Please provide policy documents of the institution.

Policy Document on Environment & Energy Usage

The HEI regularly undertakes Quality audits on environment and energy. The institutional confirms its commitment to environment and energy initiatives through the following practices:-

- 1. Green audit / Environment audit.**
- 2. Clean and green campus initiatives.**

Green Audit/Environment Audit


The college conducts Green/Environment Audits annually to assess our strengths and weaknesses to further our goals of long-term sustainability. A green audit is a useful tool to determine how and where most energy or water or resources are being used. The college can then consider how to implement changes and make savings. It can determine the type and volume of waste. Recycling projects or waste minimization plans can be adopted. It will create health consciousness and promote environmental values and ethics. It provides a better understanding of the impact of eco-friendly practices on campus. Green auditing will promote financial savings through the reduction of resource use. It is imperative that the college evaluates its own contributions toward a sustainable future. The internal audits are conducted by the faculty members of the Environment Department.

Energy Audit

Recognizing the importance of assessing our energy usage, an Energy Audit is to be conducted annually. The importance of reducing energy consumption cannot be undermined. The college is committed to further reduce its carbon footprint the energy audit, with its specialized tools, will identify wastage of energy. Such an inspection may reveal flaws which cause a loss of significant amounts of energy. These flaws often have easy and affordable solutions and provide significant savings. The college invites an ISO-certified external agency to conduct the energy audit. The college takes into cognizance the comments and implements the recommendations of the auditing agency to reduce energy consumption.

Clean and Green Campus initiatives Awareness

The college takes initiatives to generate mass awareness of cleanliness and hygiene among the students and staff members by holding regular cleanliness drives. The college displays environmental policies on campus. The college organizes various events in collaboration with ministries as well as NGOs to ensure a clean and eco-friendly environment on campus.


Principal
Principal and IQAC Chairperson
Pt Harishankar Shukla Smriti Mahavidyalaya
Kachna, Raipur


Policies Related To Green Campus & Plastic Free Campus

The HEI has initiated the govt policy of keeping the campus eco friendly campus and its surrounding eco system and has developed a policy of keeping the campus green and polythene, plastic free. Related to this the HEI under the policy has created a system of environment audit by environment management system and has got ISO 14001 : 2015 certification by international accreditation forum (IAF), Simultaneously a quality management certificate has also been taken by IAF under ISO 9001:2015(certificate attached).



Green Campus



 **GPS Map Camera**



Raipur, Chhattisgarh, India
7M6R+JM2, Kachna Rd, Chhattisgarh
492006, India
Lat 21.260528°
Long 81.690973°
02/09/23 02:17 PM GMT +05:30




 **GPS Map Camera**



Raipur, Chhattisgarh, India
7M6R+JM2, Kachna Rd, Chhattisgarh 492006, India
Lat 21.260583°
Long 81.690857°
02/09/23 01:41 PM GMT +05:30


The SHG, NSS wing of the institution are directed to organize different programs related to the eco – friendly awareness. The HEI has created a green campus and a knowledge garden related to the eco friendly consciousness. Various rally, guest lectures and other motivational programs like **Plantation, Swachhata Abhiyan**, Awareness about use of **E-Vehicles** for stakeholders etc. are celebrated to make the students aware of making the environment clean, green and plastic free. The policy also includes to hold different flexes, banners related to green and plastic free campus.


Principal
Principal and IQAC Chairperson
Pt Harishankar Shukla Smriti Mahavidyalaya
Kachha, Raipur

Policies Related to Disabled Friendly Barrier Free Environment

AS the HEI has been concerned about the facilities given to stakeholders, So it has been put up in the academic council of college and approved by it, The main points of this approval are –

- 1- To have a comfortable ramp for person with disability.
- 2- To apply customized tiles for a path way in order to have a comfort walk for person with disability.
- 3- The library advisory committee is also instructed to find a comfort area with the use of brail books for PWD stakeholders.
- 4- All the faculties are instructed to convey the message for the above two facilities to the PWD stakeholders
- 5- The College has initiated to keep campus polythene free, plastic free, tobacco free and to motivate stake holders for the use of bicycle as maximum as possible.
- 6- The institution has developed a special washroom for persons with disabilities.


Principal
Principal and IQAC Chairperson
Pt Harishankar Shukla Smriti Mahavidyalaya
Kachha, Raipur

Q-2) Management of the various types of degradable and non-degradable waste.

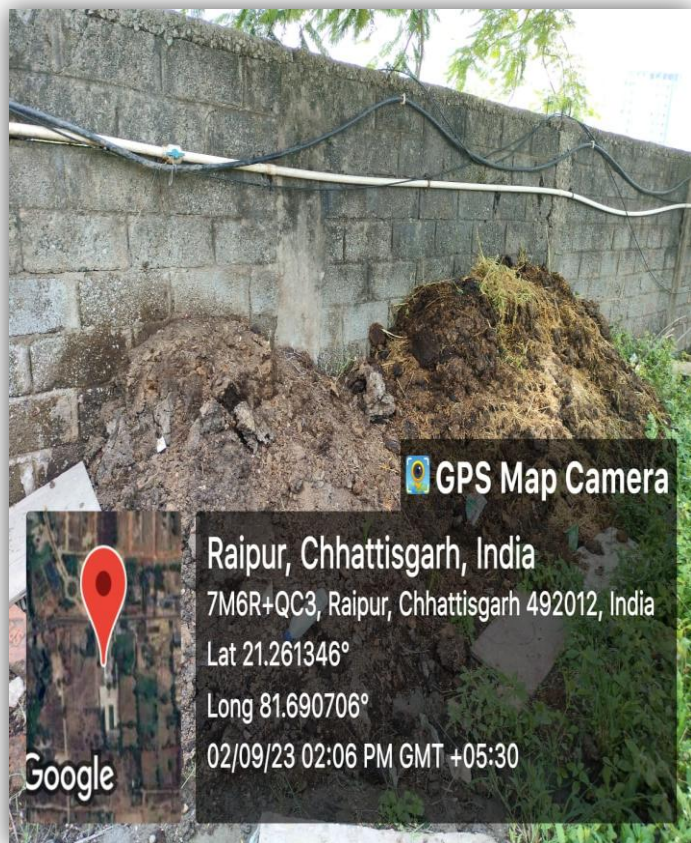
The college has adopted **“Solid Waste Management System”** along with **“Liquid waste Management System”** & **“E-Waste Management System”**. Under which the college is organizing a flagship project of Govt. of Chhattisgarh under the title **“Narva/ Ghurva/Garva/ Baari”** under which a cattle house is developed in the campus and the cow dung is utilized under **“Solid Waste Management System”** for the development of organic manure. This manure is utilized in the college campus in keeping it green Campus and in the college **“Botanical Garden”**. The college has given training to utilize waste soap to prepare **“Hand Wash”** in Covid-19. In **“Waste Water Management”** the institution has made re-directional use of water to the Botanical Garden and to the plantation done in the college campus. The college has made a proposal to adopt rain water harvesting and has asked to the students to adopt the same practice in the house. Regarding E-waste management system the college has collaboration with an IT firm in which the E-waste of college (Batteries, Motherboard, And Hard disk etc.) is sent to the firm for recycle.

For Solid Waste Management -

“Narva/ Ghurva/Garva/ Baari” Project

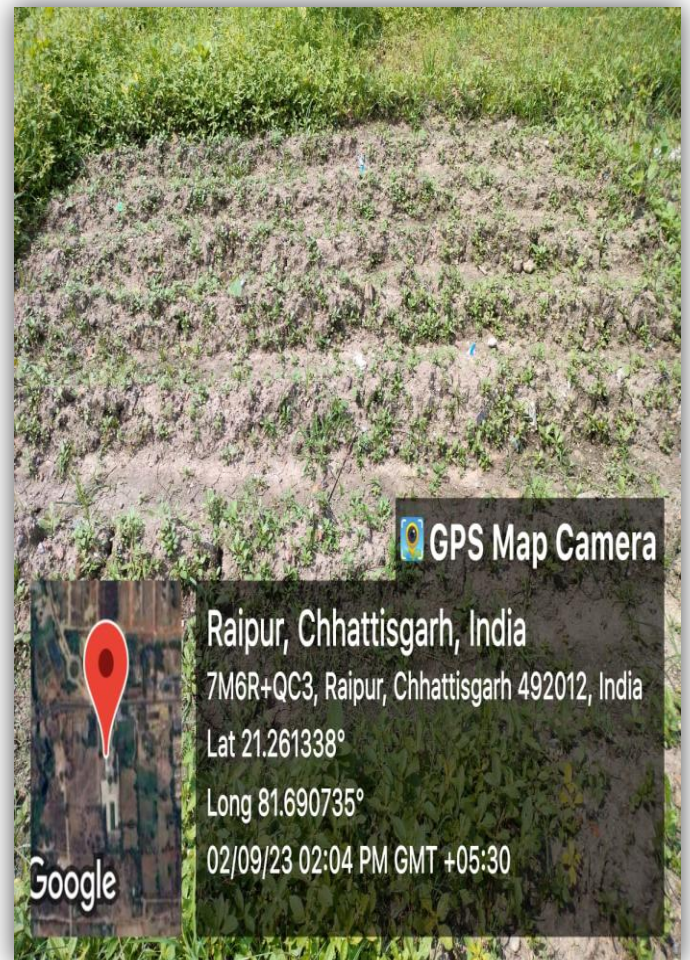
“Ghurva & Cattle House” – The vision for above is livestock development, compost usage called – Ghurva, The HEI has developed a model of this pilot project of CG govt for the benefit of stakeholders.

Geo Tagged Photos -



"Narwa & Baari" : The vision for above is reviving agriculture is collective action to ensure water conservation (Narwa) and cultivation of vegetable and fruit (Baari).

Geo Tagged Photos Baari -





Use of different dustbins for different types of waste (Wet & Dry Waste) –



For Water Conservation & Liquid waste Management System –

The HEI has developed a “Water Harvesting System” developed in the campus in order to conserve water and got a certificate from a registered geo hydrologist to conserve all the water from campus that maintain the water level. The campus of HEI has different bore wells and they have sufficient water to supply as per requirement of campus.

Certificate of Rain Water Harvesting

M.Sc. (Geology, Life Time Membership Of NIH, Roorkee
RQP (Major and Minor Mineral)

Shakti Nagar, Raipur, (C.G.)
Mob.No-09165776252

Certificate


Registered:

- Registered Geo-Hydrologist for Rain water Harvesting (Municipal Corporation, Raipur)
- Registered Geo-Hydrologist for Rain water Harvesting (Municipal Corporation, Birgaon, Raipur)
- Registered RQP (Director Geology and Mining, Raipur C.G.)
- Registered RQP (Director Geology and Mining, Bhopal, M.P.)
- Qualified Person (QP) for Major Mines.
- “D” Class Civil contractor Registered In PWD Raipur C.G

Experience:
19 years National and International Geological field experience in various minerals.

Facility Available :
Geological field work and report preparation.
Quality control of mineral.
Mining plan preparation of Major and Minor Minerals.
Modelling of Mines.
Rain Water Harvesting Planning.
Survey and Mapping. Ect.

*Save water
Save Future*



ROOF TOP RAIN WATER HARVESTING

This is to certify that Rain Water Harvesting work has been carried out in the premises/House/ Office/Factory/Apartment/ Agriculture field of

*Dr. Hrishankar Shukla
Memorial College Kachna*

Type of Rain Water Harvesting System

| Sr.No | Particulars | Quantity |
|-------|-------------------------------|----------|
| 1. | Single Valve /Filter 6”/8” | |
| 2. | Recharge Well | दो गड |
| 3. | Recharge Pit | |
| 4. | Injection Well | |
| 5. | Trench | |
| 6. | Dug cum Bore well | |

भूखनदास मानिकपुरी

भूखनदास मानिकपुरी
ठेकेदार
गंगा मैया रेन वाटर हार्वेस्टिंग
शक्तिनगर, रायपुर (छ.ग.)
M. :9165776252,7000661205

AX

Ashutosh Sanyashi
Geo-Hydrologist
Licence.No- 926/2017-18

Ashutos
Geo-Hydrologist
Licence No. -926/2017-18
Contact No.-8319756715, 9406319043

Address - 380/25, Shiv Park Colony, Amlshwar Road, Mahadev Ghat, Raipur (C.G.)
Mail-ashusanyashi@gmail.com, ashusanyashi@yahoo.co.in

Principal

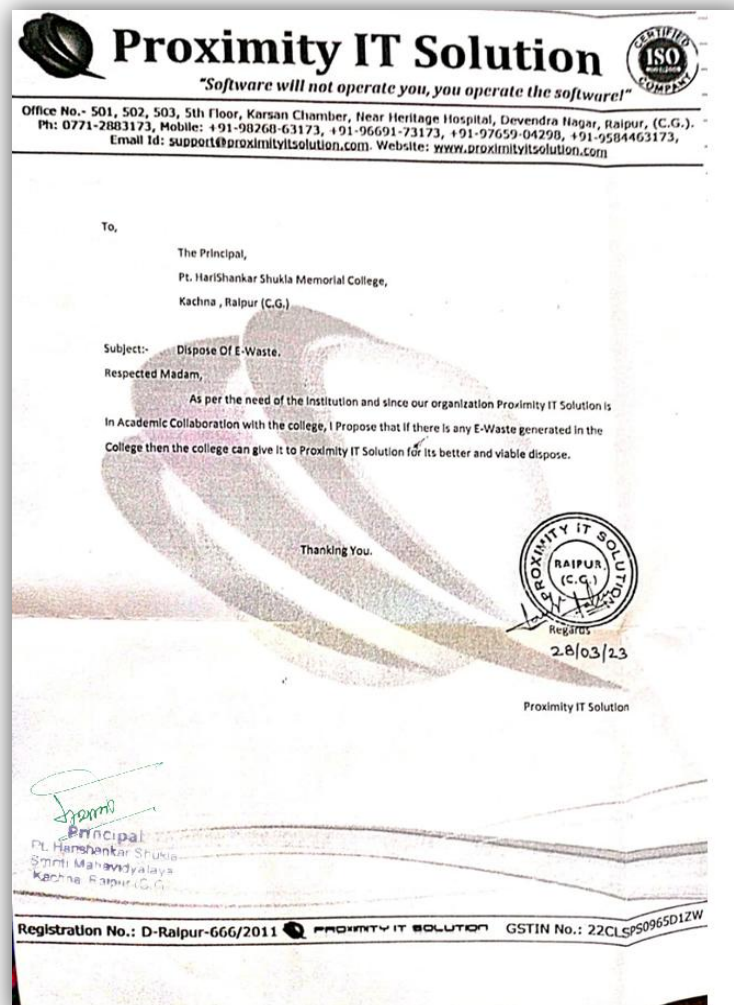
Principal
Dr. Hrishankar Shukla
Bhmi Mahavidyalaya
Kachna Raipur (C.G.)

The HEI has developed liquid waste management system by diverting the waste water as in "Narwa" in ground water recharge and in botanical garden.



E-Waste Management System

E-waste management system the college has collaboration with an IT firm in which the E-waste of college (Batteries, Motherboard, And Hard disk etc.) is sent to the firm for recycle.



3. Please provide all the geo-tagged photographs for the chosen options with proper caption.

1- Narwa – Garva – Ghurva - Baari Project –



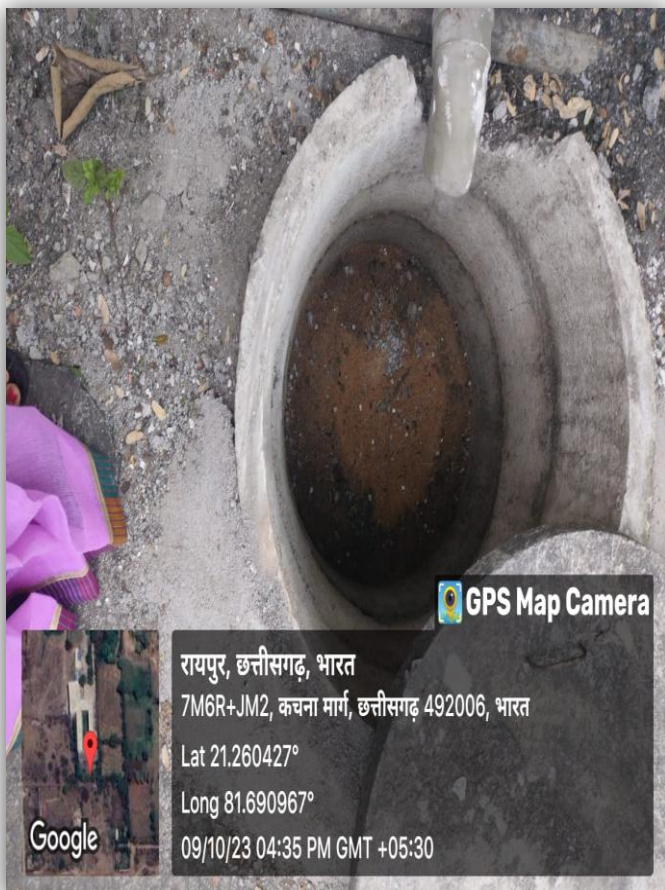


GPS Map Camera

Raipur, Chhattisgarh, India
7M6R+QC3, Raipur, Chhattisgarh 492012,
India
Lat 21.261287°
Long 81.690785°
02/09/23 02:03 PM GMT +05:30

Google

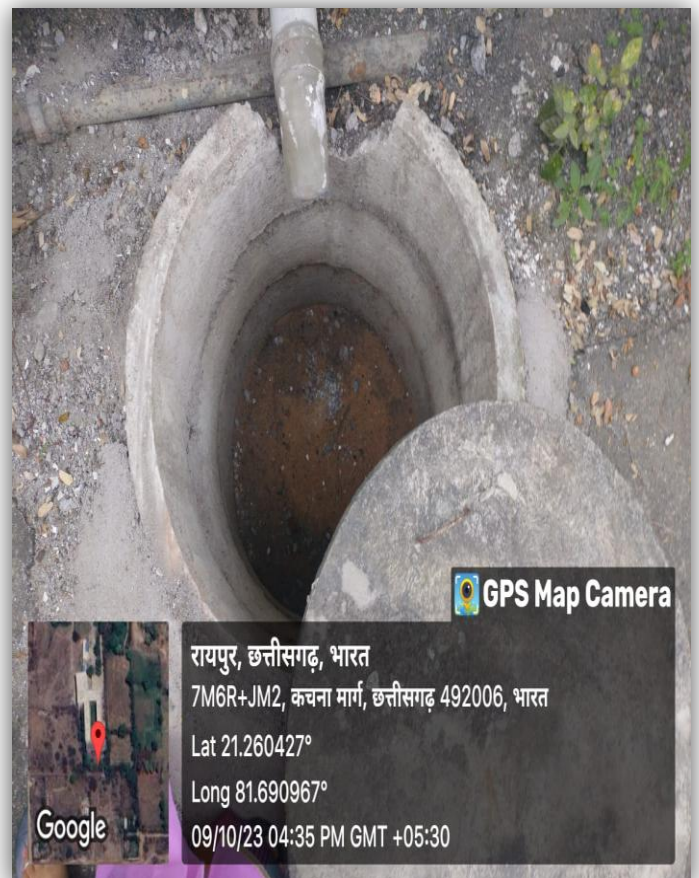
Rain Water Harvesting System –



GPS Map Camera

रायपुर, छत्तीसगढ़, भारत
7M6R+JM2, कचना मार्ग, छत्तीसगढ़ 492006, भारत
Lat 21.260427°
Long 81.690967°
09/10/23 04:35 PM GMT +05:30

Google



GPS Map Camera

रायपुर, छत्तीसगढ़, भारत
7M6R+JM2, कचना मार्ग, छत्तीसगढ़ 492006, भारत
Lat 21.260427°
Long 81.690967°
09/10/23 04:35 PM GMT +05:30

Google

Green Campus Initiative –





 **GPS Map Camera**



Raipur, Chhattisgarh, India
7M6R+JM2, Kachna Rd, Chhattisgarh
492006, India
Lat 21.260528°
Long 81.690973°
02/09/23 02:17 PM GMT +05:30



 **GPS Map Camera**



Raipur, Chhattisgarh, India
7M6R+JM2, Kachna Rd, Chhattisgarh 492006, India
Lat 21.260583°
Long 81.690857°
02/09/23 01:41 PM GMT +05:30

Disabled Friendly Barrier Free Environment –

Disabled-friendly, barrier free environment



 **GPS Map Camera**

Raipur, Chhattisgarh, India
7M6R+QC3, Raipur, Chhattisgarh 492012, India
Lat 21.261379°
Long 81.690755°
02/09/23 02:11 PM GMT +05:30




 **GPS Map Camera**

Raipur, Chhattisgarh, India
7M6R+JM2, Kachna Rd, Chhattisgarh 492006, India
Lat 21.260583°
Long 81.690857°
02/09/23 01:39 PM GMT +05:30





 **GPS Map Camera**



Raipur, Chhattisgarh, India

7M6R+JM2, Kachna Rd, Chhattisgarh

492006, India

Lat 21.260583°

Long 81.690857°

02/09/23 01:40 PM GMT +05:30


Principal

Principal and IQAC Chairperson
Pt Harishankar Shukla Smriti Mahavidyalaya
Kachna, Raipur

4. Please provide bills for the purchase of equipments for the facilities created under this metric.

Bills for Green Campus Expenses
Date - 13/05/2022

| TO, | | NATURE TOUCH LANDSCAPE PVT. LTD. | | | | | | | |
|---|---|-------------------------------------|-------|-----------|------|---------------------------------|-----------------|---------------------|--|
| | | M/S HARISHANKAR COLLEGE | | | | | | DATE : - 13.05.2022 | |
| | | Kachna Raipur (C.G.) | | | | | | | |
| OPTION A | | | | | | | | | |
| Sr. No. | DESCRIPTION OF ITEM | UNIT | SIZE | HIGHT | QTY. | RATE | Discount 15% | AMOUNT | |
| (A) | EARTH WORK | | | | | | | | |
| 1 | Supply & Laying ,Filling ,Sprading of Good Soil | Cft. | | | 2500 | 13 | | 32500.00 | |
| 2 | Soil Prepration Drassing & Leveling | Sqf. | | | 660 | 5.00 | | 3300.00 | |
| 3 | Supply Of Readymate Lawn | Sqf. | | | 578 | 12.00 | | 6930.00 | |
| 4 | Laying Of Readymate Lawn | Sqf. | | | 578 | 5.00 | | 2887.50 | |
| 5 | Supply Of Organic Khad | KG | | | 200 | 15.00 | | 3000.00 | |
| SUB TOTAL A | | | | | | | | 48617.50 | |
| (B) | SUPPLY OF SHRUBS | | | | | | | | |
| 1 | Spider lily/ Ufor Bia Mili | Nos | 7*8 | 1 ft. | 110 | 60.00 | 51.00 | 5610.00 | |
| | Plantation Charges | Nos | | | 110 | 9.00 | | 990.00 | |
| SUB TOTAL B | | | | | | | | 6600.00 | |
| (C) | SUPPLY OF PALM TREE | | | | | | | | |
| 1 | Plumeria Alba | Nos | 21*21 | 8-10 ft. | 11 | 1050 | 892.50 | 9817.50 | |
| 2 | Golden Cypruss | Nos | 8" | 2.5-3 ft. | 11 | 280 | 238.00 | 2618.00 | |
| | Plantation Charges | Nos | | | 22 | 150 | | 3300.00 | |
| SUB TOTAL C | | | | | | | | 15735.50 | |
| TOTAL A+B+C | | | | | | | | 70953.00 | |
| Nature Touch Overhead Supervision 15 % | | | | | | | | 10642.95 | |
| TRANSPOTING CHARGES | | | | | | | | 2500.00 | |
| GRAND TOTAL | | | | | | | | 84095.95 | |
| Note:- | | | | | | | | | |
| 1.0 50 % Advance Payment Required With Order. | | | | | | | | | |
| 2.0 40 % payment Before Material Dispatch. | | | | | | | | | |
| 3.0 10 % Balance Payment For After Work Complition. | | | | | | | | | |
| 4.0 Estimate For Only Tree Plantation Work. (Maintenance Work Is Not Included). | | | | | | | | | |
| 5.0 Civil work is under client scope. | | | | | | | | | |
| | | Principal | | | | | | | |
| | | Sd/- Harishankar Shukla | | | | | | | |
| | | Smti. Mahavir Khatke | | | | | | | |
| | | Kachna Raipur (C.G.) | | | | | | | |
| | | | | | | Nature Touch Landscape Pvt. Ltd | | | |
| | | | | | | Authorised Signature | | | |

Date - 15/06/2022

NATURE TOUCH
LANDSCAPE PVT. LTD.

TO,

Pt. HARISHANKAR SHUKLA PUBLIC SCHOOL
Kachna Raipur (C.G.)

DATE :- 15.06.2022

INVOICE

| Sr. No. | DESCRIPTION OF ITEM | UNIT | SIZE | HIGHT | QTY. | RATE | Discount 15% | AMOUNT |
|--|---|------|-------|-----------|------|-------|--------------|----------|
| (A) EARTH WORK | | | | | | | | |
| 1 | Supply & Laying ,Filling ,Sprading of Good Soil | Cft. | | | 1800 | 13 | | 23400.00 |
| 2 | Soil Prepration Drassing & Leveling | Sqf. | | | 618 | 5.00 | | 3090.00 |
| 3 | Supply Of Readymate Lawn | Sqf. | | | 490 | 14.00 | | 6860.00 |
| 4 | Laying Of Readymate Lawn | Sqf. | | | 490 | 5.00 | | 2450.00 |
| 5 | Supply Of Organic Khad | KG | | | 75 | 15.00 | | 1125.00 |
| (B) SUPPLY OF SHRUBS | | | | | | | | |
| 1 | Ufor Bia Mili | Nos | 7*8 | 1 ft. | 110 | 60.00 | 48.00 | 5280.00 |
| | Plantation Charges | Nos | | | 110 | 9.00 | | 990.00 |
| (C) SUPPLY OF PALM TREE | | | | | | | | |
| 1 | Plumeria Alba | Nos | 21*21 | 8-10 ft. | 11 | 1050 | 840.00 | 9240.00 |
| 2 | Golden Cypruss | Nos | 8" | 2.5-3 ft. | 13 | 280 | 224.00 | 2912.00 |
| | Plantation Charges | Nos | | | 24 | 150 | | 3600.00 |
| SUB TOTAL | | | | | | | | 58947.00 |
| Nature Touch Overhead Supervision 15 % | | | | | | | | 8842.05 |
| TRANSPOTING CHARGES | | | | | | | | 2500.00 |
| TOTAL | | | | | | | | 70289.05 |
| DISCOUNT AMOUNT | | | | | | | | 3595.00 |
| GRAND TOTAL | | | | | | | | 66694.05 |
| ADVANCE RECEIVED AMOUNT | | | | | | | | 32000.00 |
| BALANCE AMOUNT | | | | | | | | 34694.05 |

[Signature]
Principal
Pt. Harshankar Shukla
Public School
Kachna Raipur

[Signature]

Nature Touch Landscape Pvt. Ltd

Authorised Signature

For. NATURE TOUCH LANDSCAPE PVT. LTD.

Bills for Barrier Free Environment Tiles Expenses

Tax Invoice

Duplicate

| | | | | | | | | | | | |
|--|---|-------------------------------------|--------------------------|--------------------------------|------------------------------|---------------------|---------------------|-----------------------------|-------------------------------|--------------------|--|
| <p>MOTHERS CERAMICS & TILES PVT. LTD.</p> <p>Khasra No-610/8,610/11,610/12, Opp.Maruti heritage, Near Colors Mall, Lalpur (C.G) Raipur - 492001 0000000000 , 7714266600</p> <p>GSTIN: 22AAHCM1845K1ZH PAN: AAHCM1845K</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Tax Invoice No.: RYP/SEP/102</td> <td>Date: 07 Sep 2022</td> </tr> <tr> <td>Sales Person: DURGA DAS</td> <td>Sales Person Contact:</td> </tr> <tr> <td>Vehicle No.:</td> <td>Transporter:</td> </tr> <tr> <td>Order No.: RYP001582</td> <td>Order Date: 2022-08-29</td> </tr> <tr> <td>E-Way Bill:</td> <td></td> </tr> </table> | Tax Invoice No.: RYP/SEP/102 | Date: 07 Sep 2022 | Sales Person: DURGA DAS | Sales Person Contact: | Vehicle No.: | Transporter: | Order No.: RYP001582 | Order Date: 2022-08-29 | E-Way Bill: | |
| Tax Invoice No.: RYP/SEP/102 | Date: 07 Sep 2022 | | | | | | | | | | |
| Sales Person: DURGA DAS | Sales Person Contact: | | | | | | | | | | |
| Vehicle No.: | Transporter: | | | | | | | | | | |
| Order No.: RYP001582 | Order Date: 2022-08-29 | | | | | | | | | | |
| E-Way Bill: | | | | | | | | | | | |

| | |
|---|---|
| <p>Buyer (Bill To): PT. HARISHANKAR SHUKLA MEMORIAL COLLEGE BESIDE CHHOKRA NALA, KACHNA ROAD , BESIDE CHHOKRA NALA , KACHNA ROAD, Raipur India-492007 M- 9827548643 State Name : Chhattisgarh, Code : 22</p> | <p>Consignee (Ship To): PT. HARISHANKAR SHUKLA MEMORIAL COLLEGE BESIDE CHHOKRA NALA, KACHNA ROAD , BESIDE CHHOKRA NALA , KACHNA ROAD, Raipur India-492007 M- 9827548643 State Name : Chhattisgarh, Code : 22</p> |
|---|---|

| SR NO | DESCRIPTION | HSN/SAC | QTY | PACKAGE QTY | RATE | AMOUNT |
|--------------------|--|----------|-------------------------------------|-------------|------------|--------------------|
| 1 | NEPOLIAN BEIGE (600X600,ALN,GVT,MATT PUNCH,GVT,PRE,9.50) | 69072100 | 1,290 Box 19995 SQFT 1290 Box | 4 | 489.15/Box | 7,44,588.00 |
| Grand Total | | | | | | 7,44,588.00 |

| HSN/SAC | TAXABLE VALUE | CENTRAL TAX | | STATE TAX | | Total amount before Tax: | AMOUNT | |
|--------------|--------------------|-------------|------------------|-----------|------------------|--------------------------|--------------------------|--------------------|
| | | RATE | AMOUNT | RATE | AMOUNT | | | |
| 69072100 | 6,31,006.78 | 9.00 | 56,790.61 | 9.00 | 56,790.61 | 6,31,006.78 | 56,790.61 | |
| Total | 6,31,006.78 | | 56,790.61 | | 56,790.61 | | | |
| | | | | | | | Total amount before Tax: | 6,31,006.78 |
| | | | | | | | CGST | 56,790.61 |
| | | | | | | | SGST | 56,790.61 |
| | | | | | | | Total Tax: | 1,13,581.22 |
| | | | | | | | Total Amount: | 7,44,588.00 |
| | | | | | | | Round Off: | 0.00 |
| | | | | | | | Final Amount: | 7,44,588.00 |

Amount Chargeable (in words): Seven Lakh Forty-Four Thousand Five Hundred Eighty-Eight Only E & O.E.

| | | | |
|--|--------------------------------|---|-----------------------------|
| Account No.: 919020075105670 | Bank Name: AXIS BANK | Branch: TAGORE NAGAR (CT),RAIPUR,492001 | IFSC: UTIB0000537 |
|--|--------------------------------|---|-----------------------------|

Remarks :

Terms & Conditions:

1. Return Goods only acceptable with in 21 Days.
2. No claim admissible after fixing of material.
3. Please take receipt of amount paid by you.
4. If copy of receipt not taken we are not responsible for any disputes.
5. We are not responsible for any losses or damage on transit after loading.

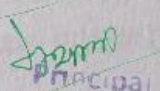
For MOTHERS CERAMICS & TILES PVT. LTD.

Authorized Signatory

Prepared By: Manish

Subject to jurisdiction

This is a Computer Generated Tax Invoice


 Principal
 Pt. Harishankar Shukla Memorial College
 Smti. Manavika
 Kachna Road, Raipur

**Bills for Rain Water Harvesting
Water Conservation**

दीपक मानिकपुरी
9009348298

गंगा मैया

भूमि जल के लिए

भूखनदास मानिकपुरी
9165776252

जल ही असली सोना है



रैन वाटर हार्वेस्टिंग

पानी हवे तो काली हवे

हर बूंद बचाओ, धरती की प्यास बुझाओ
(हमारे यहाँ कुंआ बनाने का कार्य भी किया जाता है)

जल है तो कल है



शक्ति नगर, रायपुर (छ.ग.)

क्रमांक 369

नगर निगम से मान्यता प्राप्त



दिनांक

बिल

पंडित हरिशंकर शुक्ला स्मृति महाविद्यालय

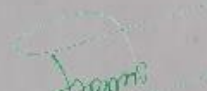
कचना रायपुर छ.ग.

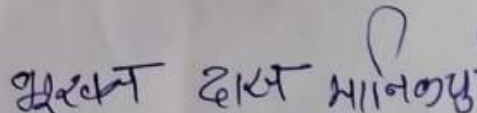
2 नग रिचार्ज वेल 12000/ नग

Total

24000=

चोबीस हजार मात्र


Principal
Dr. Harshankar Shukla
Smriti Mahavidyalaya
Kachna, Raipur, C.G.



भूखनदास मानिकपुरी
ठेकेदार
गंगा मैया रैन वाटर हार्वेस्टिंग
शक्तिनगर, रायपुर (छ.ग.)
M. :9165776252,7000661205