N.R.I INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY
(Run by Taramathi Education Society)
(Approved by AICTE. New Delhi and Govt. of M.P. And Affiliated to R.G.P.V. Bhopal)
1, Sajjan Singh Nagar, Opp. Patel Nagar, Raisen Road, Bhopal (M.P.)
Ph. 0755 – 2684058, 2684060, 4941005, Fax. (0755) 2684059
Website: www.nrigroupindia.com

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NAAC

NRI Institute of Information Science and Technology (NIIST), Bhopal

Approved by AICTE, Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures:

1, Sajjan Singh Nagar, Opposite Patel Nagar,Raisen Road Bhopal
0755-4085500
contactus@nrigroupindia.com
0755-2529059

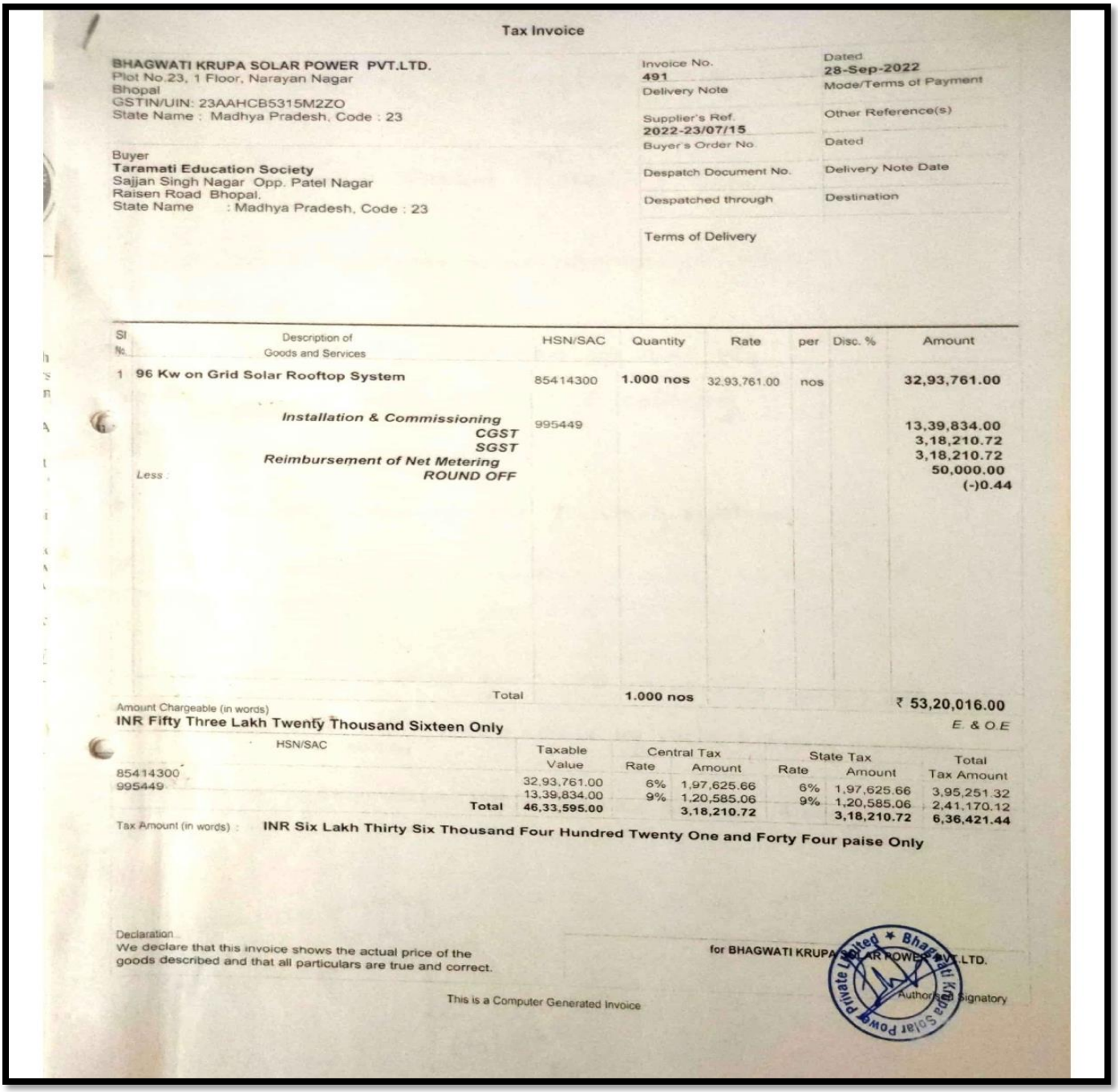
7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures:
(Other relevant information)

Sr.No.	Particular	Availability
1	Solar energy plant	√
2	Bio gas plant	×
3	Wheeling to the Grid	√
4	Sensor-based energy conservation	×
5	Use of LED bulbs/Power efficient equipment	√

Options:
A. 4 or All of the above
B. Any3of the above
C. Any2of the above
D. Any1of the above
E. None of the above

Answer: Options B: Any 3 of the above

(I) Solar energy :-



Tax Invoice

BHAGWATI KRUPA SOLAR POWER PVT.LTD.
Plot No.23, 1 Floor, Narayan Nagar
Bhopal
GSTIN/UIN: 23AAHCB5315M2ZO
State Name : Madhya Pradesh, Code : 23

Buyer
Taramati Education Society
Sajjan Singh Nagar Opp. Patel Nagar
Raisen Road Bhopal.
State Name : Madhya Pradesh, Code : 23

Invoice No. 491 | Dated 28-Sep-2022
Delivery Note | Mode/Terms of Payment
Supplier's Ref. 2022-23/07/15 | Other Reference(s)
Buyer's Order No. | Dated
Despatch Document No. | Delivery Note Date
Despatched through | Destination
Terms of Delivery

Sl No.	Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	96 Kw on Grid Solar Rooftop System	85414300	1.000 nos	32,93,761.00	nos		32,93,761.00
	Installation & Commissioning	995449					13,39,834.00
	CGST						3,18,210.72
	SGST						3,18,210.72
	Reimbursement of Net Metering						50,000.00
	Less : *ROUND OFF*						(-)0.44
	Total		1.000 nos				₹ 53,20,016.00

Amount Chargeable (in words)
INR Fifty Three Lakh Twenty Thousand Sixteen Only
E. & O.E

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
85414300	32,93,761.00	6%	1,97,625.66	6%	1,97,625.66	3,95,251.32
995449	13,39,834.00	9%	1,20,585.06	9%	1,20,585.06	2,41,170.12
Total	46,33,595.00		3,18,210.72		3,18,210.72	6,36,421.44

Tax Amount (in words) : INR Six Lakh Thirty Six Thousand Four Hundred Twenty One and Forty Four paise Only

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

for BHAGWATI KRUPA SOLAR POWER PVT.LTD.
Authorised Signatory

This is a Computer Generated Invoice

Solar Power Plant

GRID CONNECTED ROOF TOP SOLAR PHOTOVOLTAIC POWER PLANT OF 100 KWP

A solar photovoltaic power plant of grid connected type is designed for captive generation and consumption of electrical power from sunlight during daylight hours, for use in our College, so as to reduce the electricity consumption from the very costly main grid supply. The capacity of power plant is chosen as 100% of the sanctioned connected load of 100 Kilowatt, for maximum allowed saving of electricity from grid. The complete photovoltaic power plant has three sub-plants of 100x100x63 Kilowatt-peak rating.

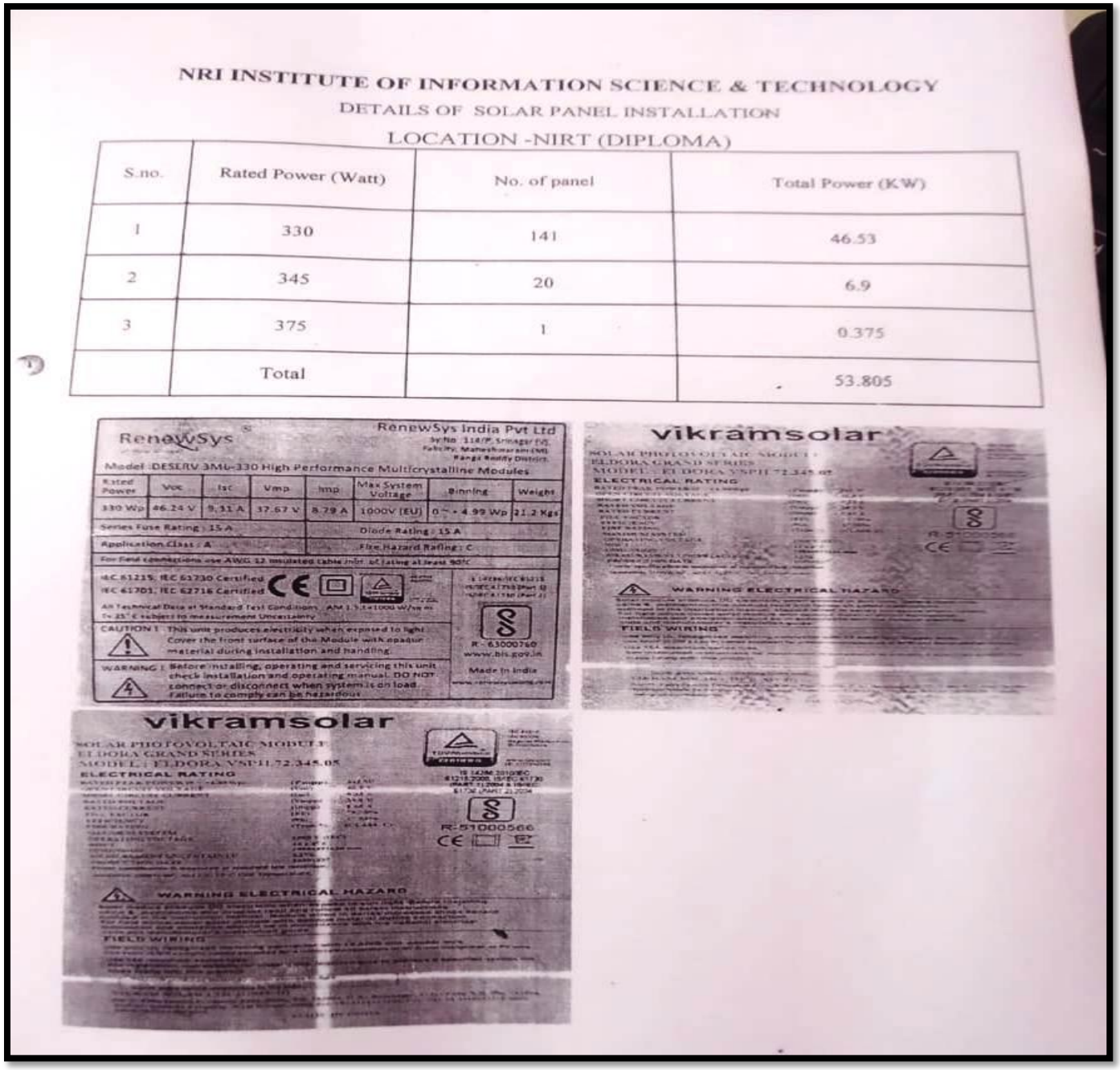
Additional features are as follow-
100KW power plant details
Plant cap.:- 100Kw
About Module
No. of Module :- 300Nos
Wattage/Module :- 330wp & 345wp
Voc :- 46-47V
Isc:- 8A & 9A
About Inverter
No. of PV Inverter :- 2Nos
Inverter ac cap.:- 50kw
Imax :- 80A /Inverter
No. of MPPT :- 3/inveter
No. of string /inveter :- 9
No. of string/MPPT :- 3
No. of Module/String:-
18 & 14
No. Of Parallel string/inveter:-3
About Generation meter and its CT(current transformer)
Meter :- Unidairectinal
Class :-1.0
Capacity:- 10Amax
CT :- 200/5 A
Class:- 0.5

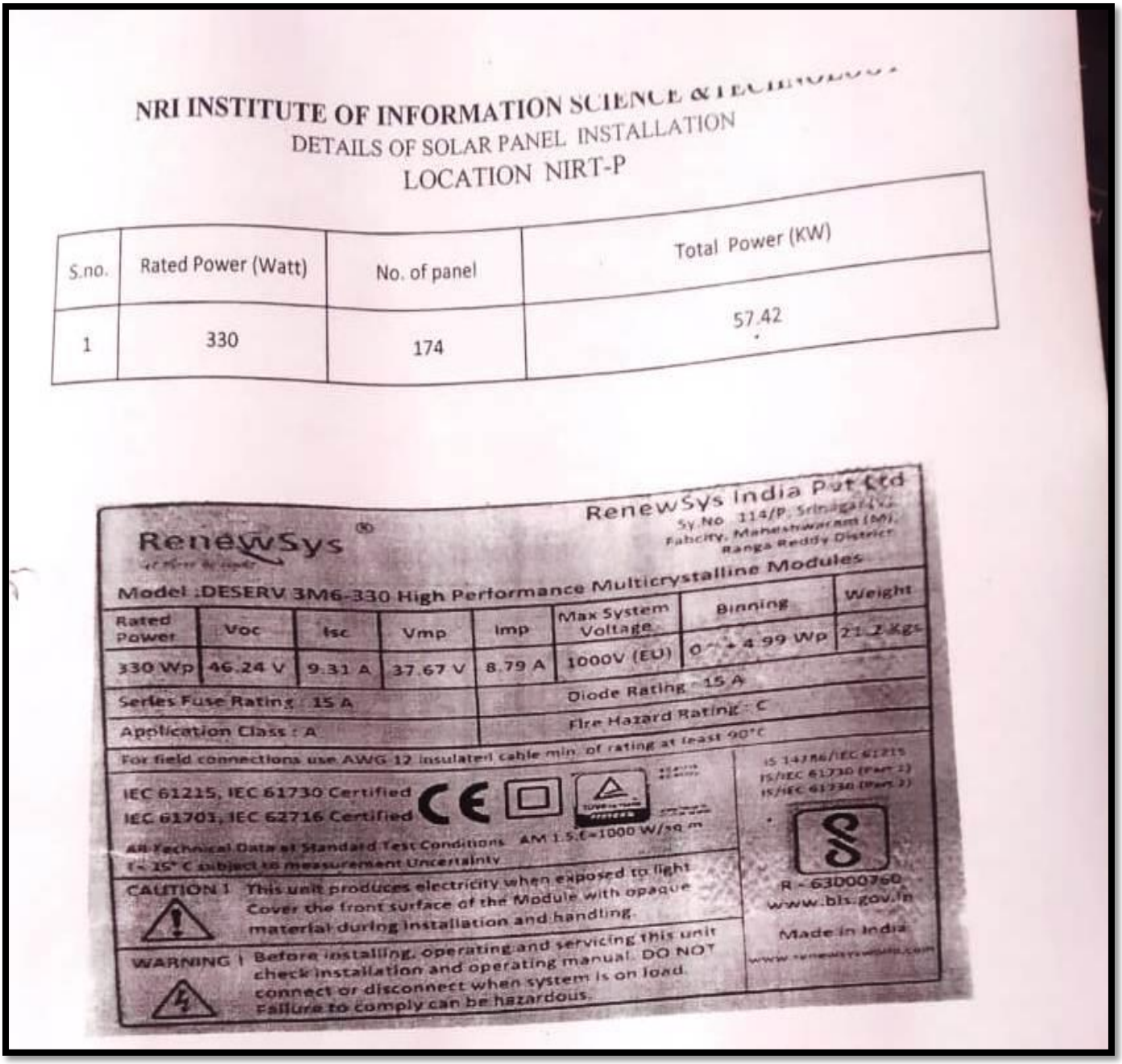
NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY

DETAILS OF SOLAR PANEL INSTALLATION

LOCATION -NIRT (DIPLOMA)

S.no.	Rated Power (Watt)	No. of panel	Total Power (KW)
1	330	141	46.53
2	345	20	6.9
3	375	1	0.375
	Total		53.805





NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY

DETAILS OF SOLAR PANEL INSTALLATION

LOCATION NIRT-P

S.no.	Rated Power (Watt)	No. of panel	Total Power (KW)
1	330	174	57.42

RenewSys®

RenewSys India Pvt Ltd
Sy.No 114/P, Srinagar Fabcity, Maheshwaram (M), Ranga Reddy District

Model :DESERV 3M6-330 High Performance Multicrystalline Modules

Rated Power	Voc	Isc	Vmp	Imp	Max System Voltage	Binning	Weight
330 Wp	46.24 V	9.31 A	37.67 V	8.79 A	1000V (EU)	0 ~ + 4.99 Wp	21.2 Kgs

Series Fuse Rating : 15 A
Diode Rating : 15 A
Application Class : A
Fire Hazard Rating : C

For field connections use AWG 12 insulated cable min. of rating at least 90°C

IEC 61215, IEC 61730 Certified
IEC 61701, IEC 62716 Certified

All Technical Data at Standard Test Conditions AM 1.5, E=1000 W/sq m
T= 25° C subject to measurement Uncertainty

IS 14286/IEC 61215
IS/IEC 61730 (Part 1)
IS/IEC 61730 (Part 2)

R - 63000760
www.bis.gov.in

Made in India

CAUTION ! This unit produces electricity when exposed to light. Cover the front surface of the Module with opaque material during installation and handling.

WARNING ! Before installing, operating and servicing this unit check installation and operating manual. DO NOT connect or disconnect when system is on load. Failure to comply can be hazardous.

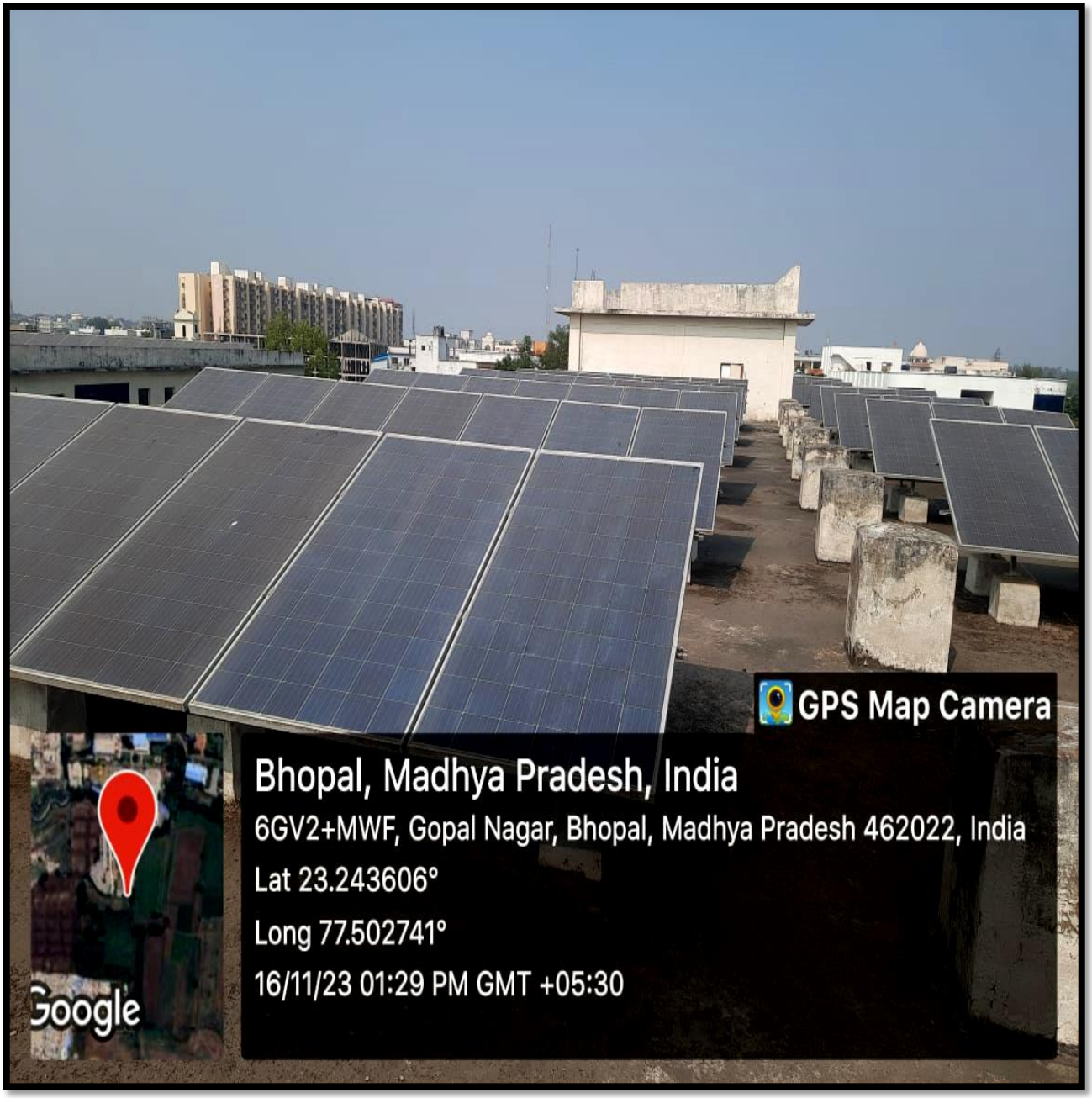
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Estd. 2000

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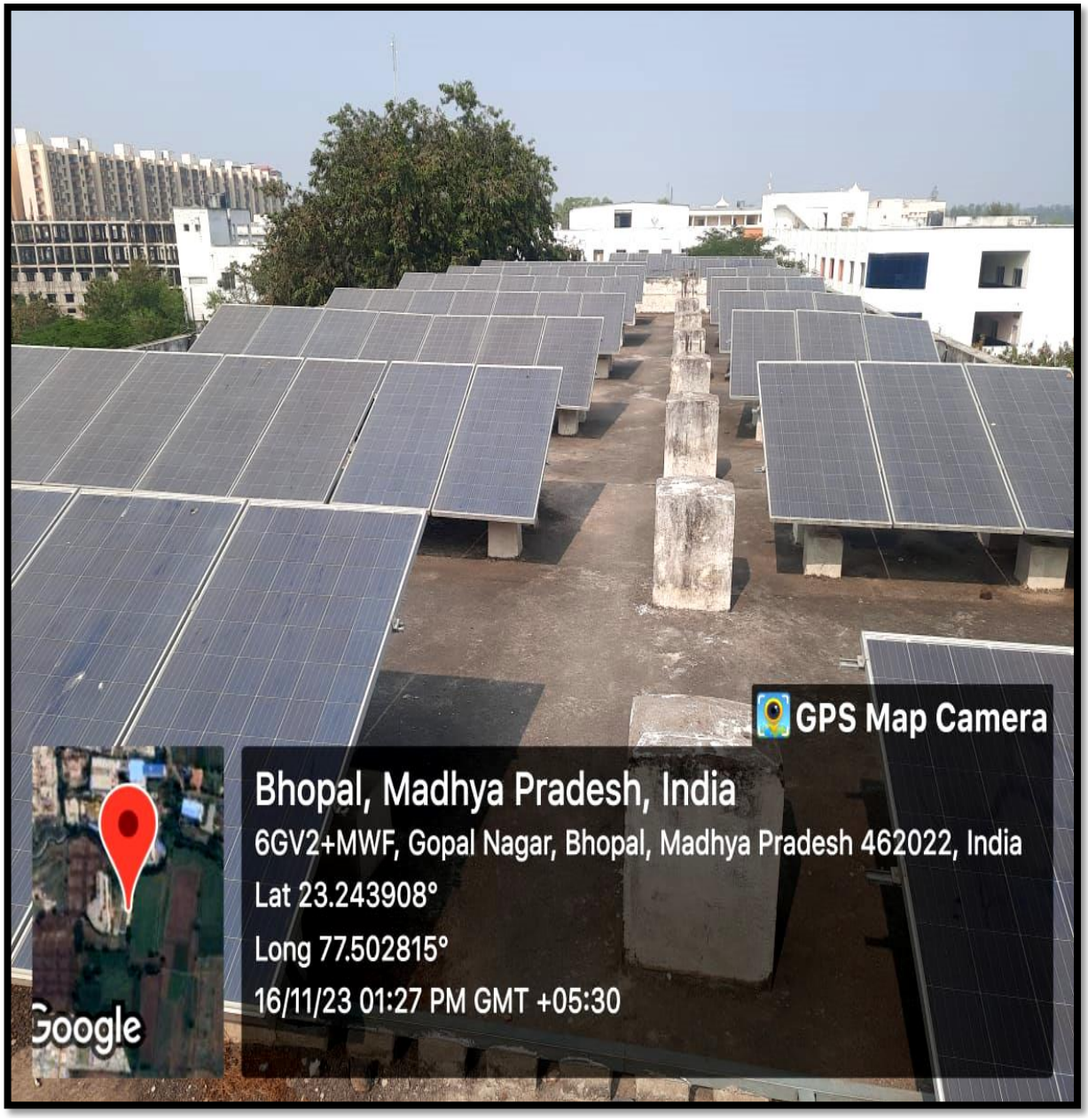
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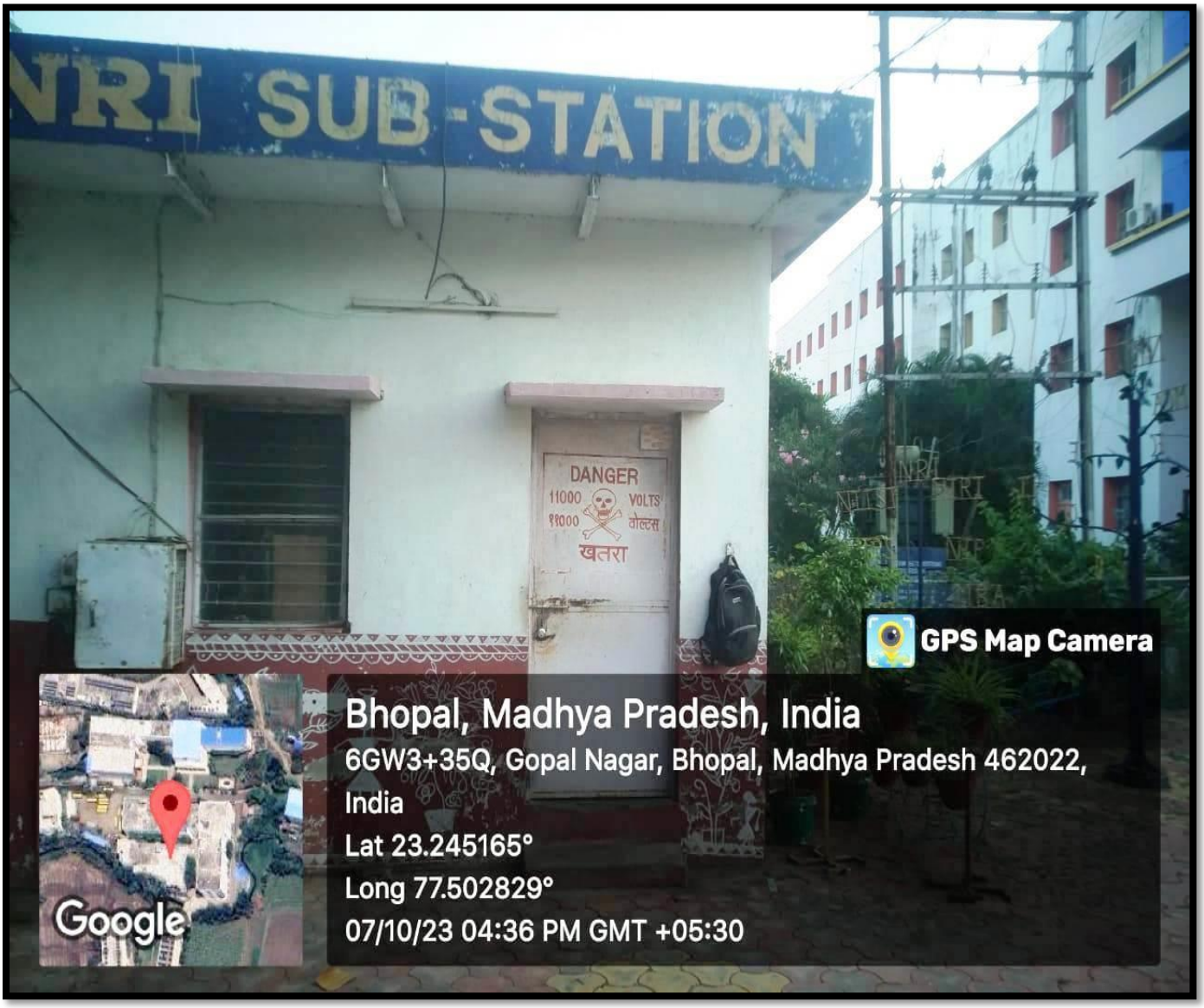
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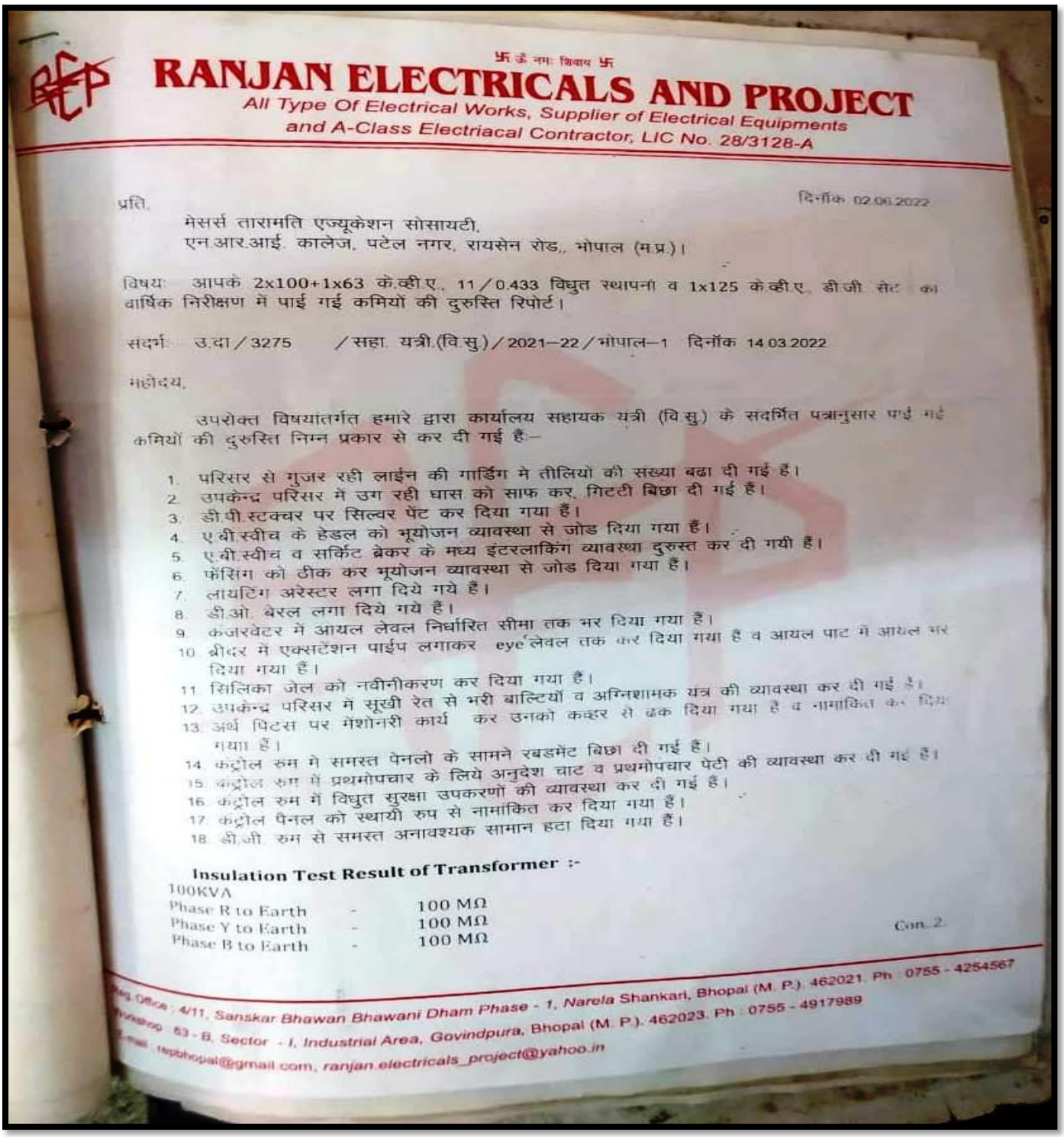


1, Sajjan Singh Nagar, Opposite Patel Nagar,Raisen Road Bhopal
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contactus@nrigroupindia.com
0755-2529059

(II) Wheeling to the Grid :-



1, Sajjan Singh Nagar, Opposite Patel Nagar,Raisen Road Bhopal
0755-4085500
contactus@nrigroupindia.com
0755-2529059



ॐ नमः शिवाय ॐ

RANJAN ELECTRICALS AND PROJECT

All Type Of Electrical Works, Supplier of Electrical Equipments and A-Class Electriacal Contractor, LIC No. 28/3128-A

प्रति,

दिनांक 02.06.2022

मेसर्स तारामति एज्यूकेशन सोसायटी,
एन.आर.आई. कालेज, पटेल नगर, रायसेन रोड, भोपाल (म.प्र.)।

विषयः आपके 2x100+1x63 के.व्ही.ए., 11/0.433 विद्युत स्थापना व 1x125 के.व्ही.ए. डी.जी. सेट का वार्षिक निरीक्षण में पाई गई कमियों की दुरुस्ति रिपोर्ट।

संदर्भः उ.दा/3275 /सहा. यत्री.(वि.सु.)/2021–22/भोपाल–1 दिनॉक 14.03.2022

महोदय,

उपरोक्त विषयांतर्गत हमारे द्वारा कार्यालय सहायक यत्री (वि.सु.) के संदर्भित पत्रानुसार पाई गई कमियों की दुरुस्ति निम्न प्रकार से कर दी गई है:–

1. परिसर से गुजर रही लाईन की गार्डिंग मे तीलियो की सख्या बढा दी गई हैं।
2. उपकेन्द्र परिसर में उग रही घास को साफ कर, गिटटी बिछा दी गई हैं।
3. डी.पी.स्टक्चर पर सिल्वर पेंट कर दिया गया हैं।
4. ए.बी.स्वीच के हेडल को भूयोजन व्यावस्था से जोड दिया गया हैं।
5. ए.बी.स्वीच व सर्किट ब्रेकर के मध्य इंटरलाकिंग व्यावस्था दुरुस्त कर दी गयी हैं।
6. फेंसिंग को ठीक कर भूयोजन व्यावस्था से जोड दिया गया हैं।
7. लायटिंग अरेस्टर लगा दिये गये हैं।
8. डी.ओ. बेरल लगा दिये गये हैं।
9. कंजरवेटर में आयल लेवल निर्धारित सीमा तक भर दिया गया हैं।
10. ब्रीदर में एक्सटेंशन पाईप लगाकर eye लेवल तक कर दिया गया हैं व आयल पाट में आयल भर दिया गया हैं।
11. सिलिका जेल को नवीनीकरण कर दिया गया हैं।
12. उपकेन्द्र परिसर में सूखी रेत से भरी बाल्टियों व अग्निशामक यंत्र की व्यावस्था कर दी गई हैं।
13. अर्थ पिटस पर मेंशोनरी कार्य कर उनको कव्हर से ढक दिया गया हैं व नामांकित कर दिया गया हैं।
14. कंट्रोल रुम मे समस्त पेनलो के सामने रबडमेंट बिछा दी गई हैं।
15. कंट्रोल रुम में प्रथमोपचार के लिये अनुदेश चाट व प्रथमोपचार पेटी की व्यावस्था कर दी गई हैं।
16. कंट्रोल रुम में विद्युत सुरक्षा उपकरणों की व्यावस्था कर दी गई हैं।
17. कंट्रोल पैनल को स्थायी रुप से नामांकित कर दिया गया हैं।
18. डी.जी. रुम से समस्त अनावश्यक सामान हटा दिया गया हैं।

Insulation Test Result of Transformer :-

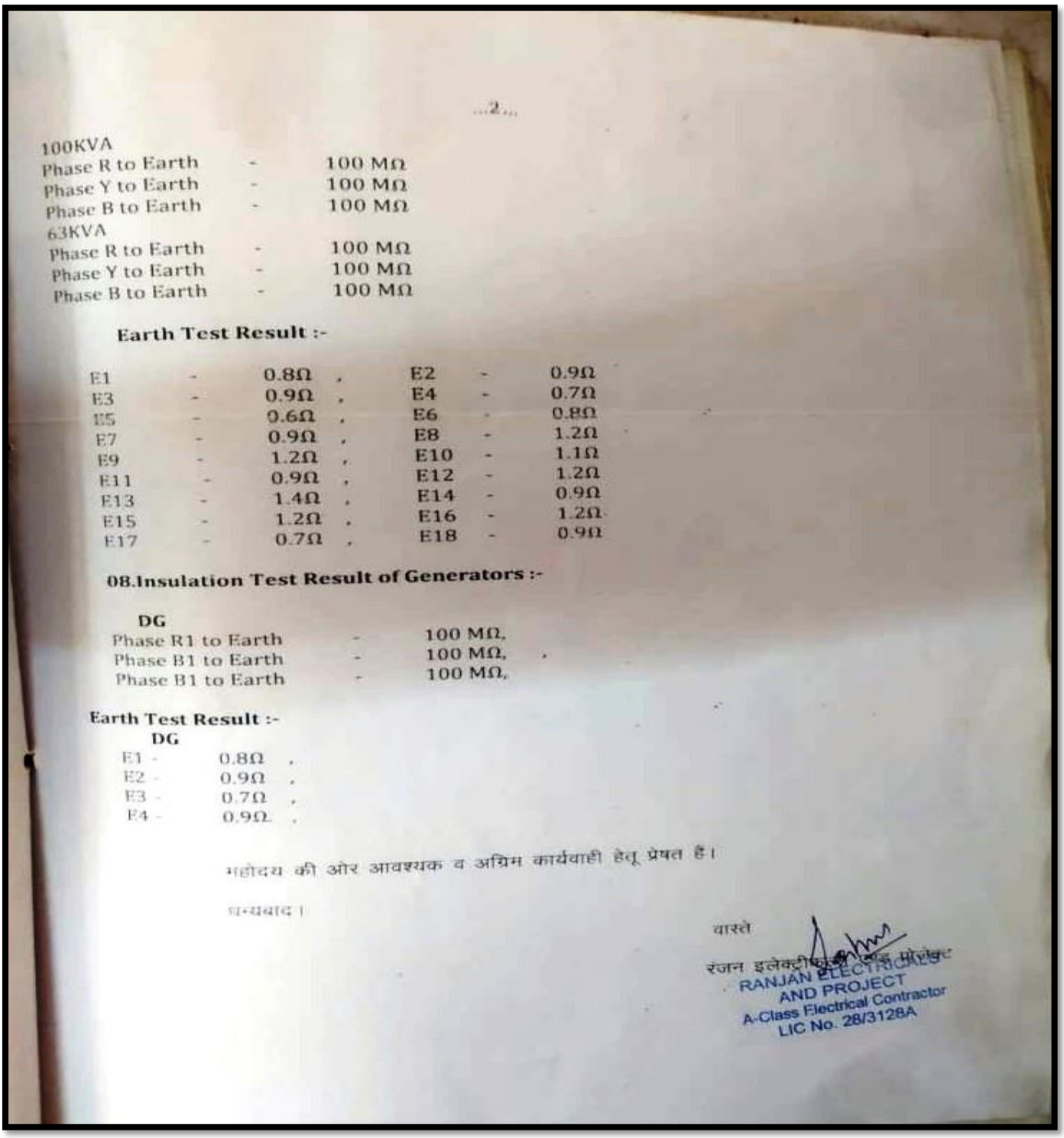
100KVA

Phase R to Earth	-	100 MΩ
Phase Y to Earth	-	100 MΩ
Phase B to Earth	-	100 MΩ

Con..2

Reg. Office : 4/11, Sanskar Bhawan Bhawani Dham Phase - 1, Narela Shankari, Bhopal (M. P.) 462021. Ph : 0755 - 4254567
Workshop : 63 - B, Sector - I, Industrial Area, Govindpura, Bhopal (M. P.). 462023. Ph : 0755 - 4917989
E-mail : repbhopal@gmail.com, ranjan.electricals_project@yahoo.in

1, Sajjan Singh Nagar, Opposite Patel Nagar,Raisen Road Bhopal
0755-4085500
contactus@nrigroupindia.com
0755-2529059



...2...

100KVA
Phase R to Earth - 100 MΩ
Phase Y to Earth - 100 MΩ
Phase B to Earth - 100 MΩ
63KVA
Phase R to Earth - 100 MΩ
Phase Y to Earth - 100 MΩ
Phase B to Earth - 100 MΩ

Earth Test Result :-

E1	-	0.8Ω ,	E2	-	0.9Ω
E3	-	0.9Ω ,	E4	-	0.7Ω
E5	-	0.6Ω ,	E6	-	0.8Ω
E7	-	0.9Ω ,	E8	-	1.2Ω
E9	-	1.2Ω ,	E10	-	1.1Ω
E11	-	0.9Ω ,	E12	-	1.2Ω
E13	-	1.4Ω ,	E14	-	0.9Ω
E15	-	1.2Ω ,	E16	-	1.2Ω
E17	-	0.7Ω ,	E18	-	0.9Ω

08.Insulation Test Result of Generators :-

DG
Phase R1 to Earth - 100 MΩ,
Phase B1 to Earth - 100 MΩ,
Phase B1 to Earth - 100 MΩ,

Earth Test Result :-
DG
E1 - 0.8Ω ,
E2 - 0.9Ω ,
E3 - 0.7Ω ,
E4 - 0.9Ω ,

महोदय की ओर आवश्यक व अग्रिम कार्यवाही हेतू प्रेषत हैं।

धन्यवाद।

वास्ते
रंजन इलेक्ट्रीकल एण्ड प्रोजेक्ट
RANJAN ELECTRICALS AND PROJECT
A-Class Electrical Contractor
LIC No. 28/3128A

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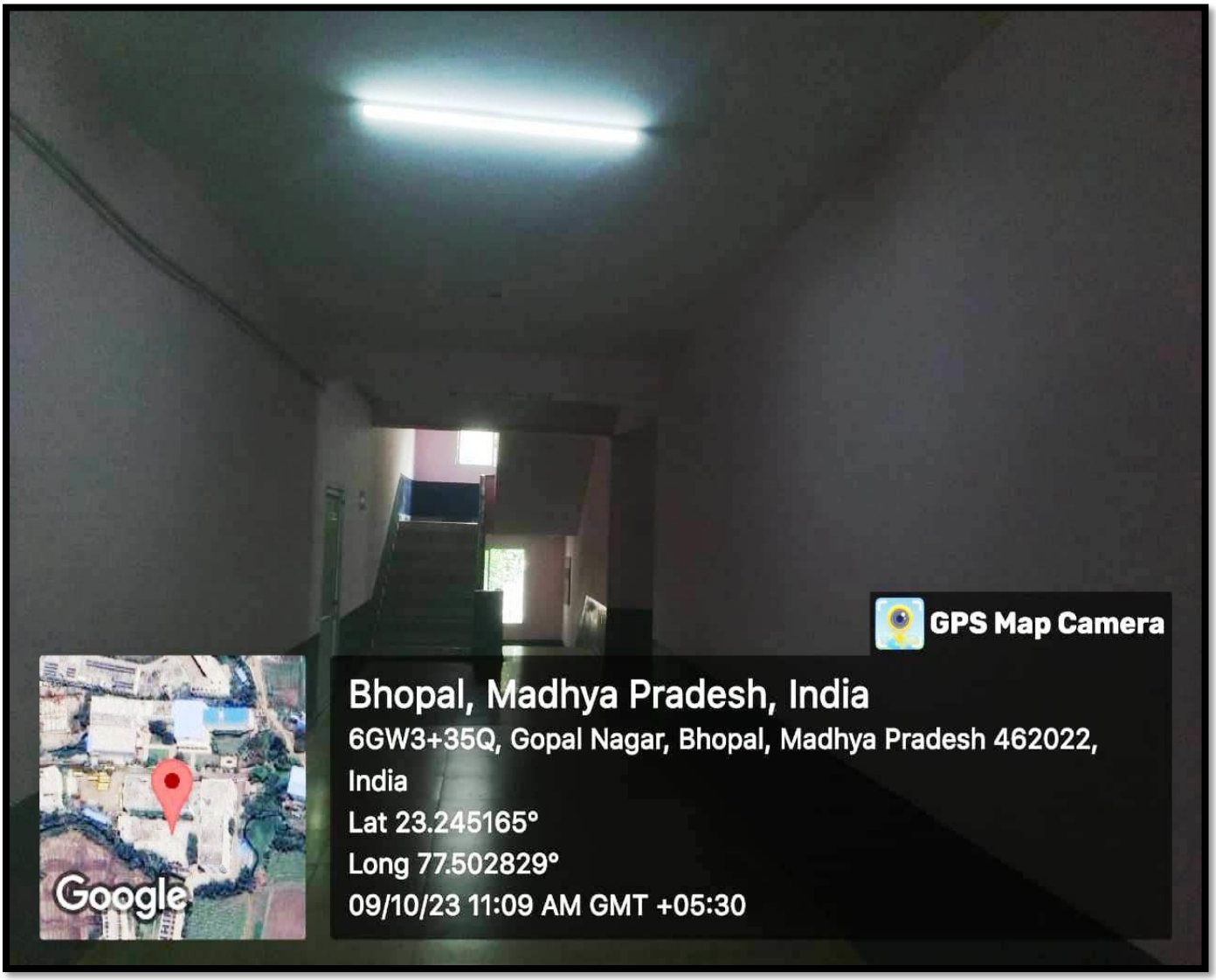
Estd. 2000

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(III) Use of LED bulbs/ power efficient equipment :-

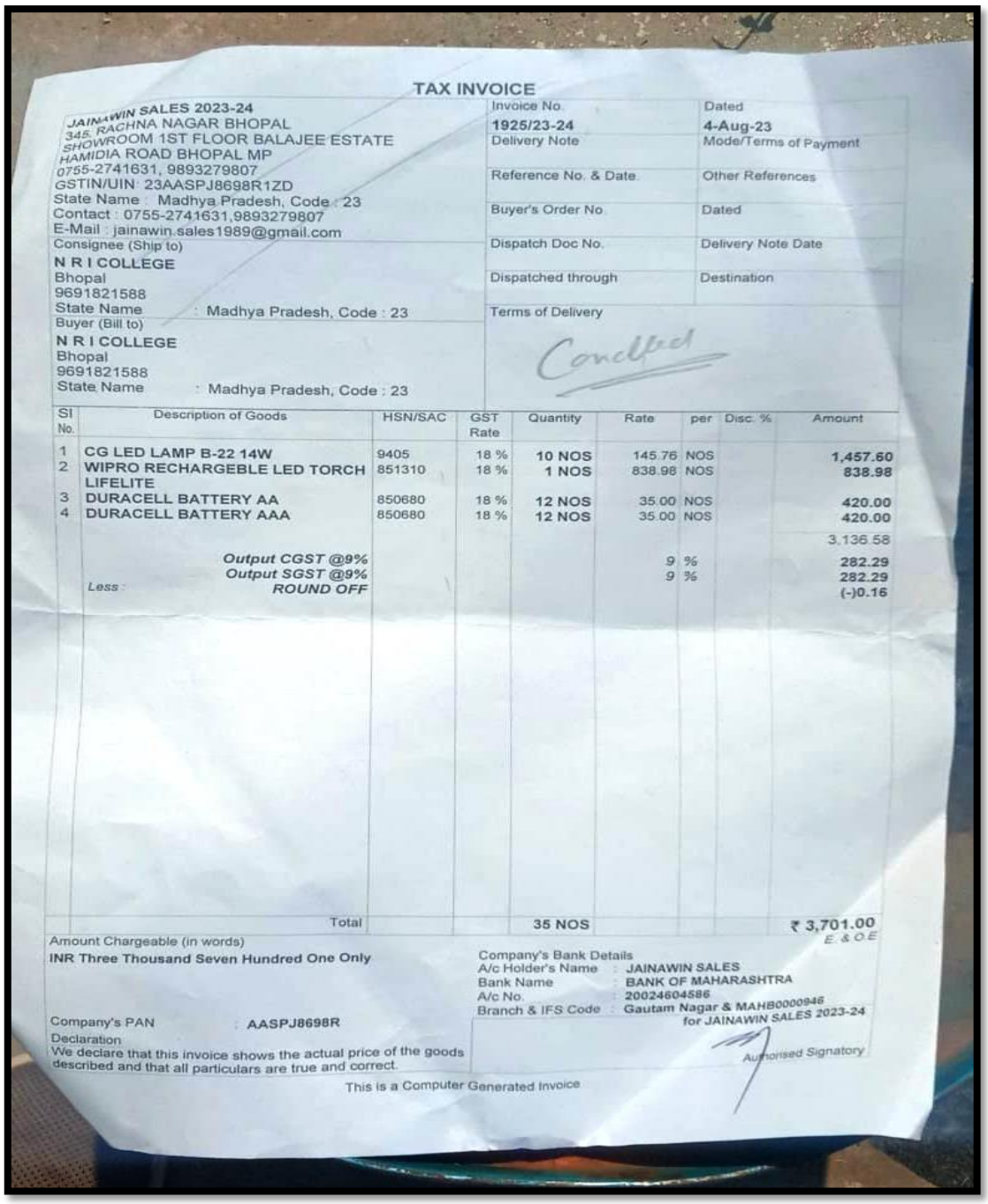


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contactus@nrigroupindia.com
0755-2529059



TAX INVOICE

JAINAWIN SALES 2023-24
345, RACHNA NAGAR BHOPAL
SHOWROOM 1ST FLOOR BALAJEE ESTATE
HAMIDIA ROAD BHOPAL MP
0755-2741631, 9893279807
GSTIN/UIN: 23AASPJ8698R1ZD
State Name : Madhya Pradesh, Code : 23
Contact : 0755-2741631,9893279807
E-Mail : jainawin.sales1989@gmail.com

Consignee (Ship to)
N R I COLLEGE
Bhopal
9691821588
State Name : Madhya Pradesh, Code : 23

Buyer (Bill to)
N R I COLLEGE
Bhopal
9691821588
State Name : Madhya Pradesh, Code : 23

Invoice No.	Dated
1925/23-24	4-Aug-23
Delivery Note	Mode/Terms of Payment
Reference No. & Date.	Other References
Buyer's Order No.	Dated
Dispatch Doc No.	Delivery Note Date
Dispatched through	Destination
Terms of Delivery	

Cancelled

Sl No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Disc. %	Amount
1	CG LED LAMP B-22 14W	9405	18 %	10 NOS	145.76	NOS		1,457.60
2	WIPRO RECHARGEBLE LED TORCH LIFELITE	851310	18 %	1 NOS	838.98	NOS		838.98
3	DURACELL BATTERY AA	850680	18 %	12 NOS	35.00	NOS		420.00
4	DURACELL BATTERY AAA	850680	18 %	12 NOS	35.00	NOS		420.00
								3,136.58
	Output CGST @9%				9	%		282.29
	Output SGST @9%				9	%		282.29
	Less : ROUND OFF							(-)0.16
	Total			35 NOS				₹ 3,701.00

E.&O.E

Amount Chargeable (in words)
INR Three Thousand Seven Hundred One Only

Company's Bank Details
A/c Holder's Name : JAINAWIN SALES
Bank Name : BANK OF MAHARASHTRA
A/c No. : 20024604586
Branch & IFS Code : Gautam Nagar & MAHB0000946

Company's PAN : AASPJ8698R

for JAINAWIN SALES 2023-24

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

Authorised Signatory

This is a Computer Generated Invoice

Bill of led bulb