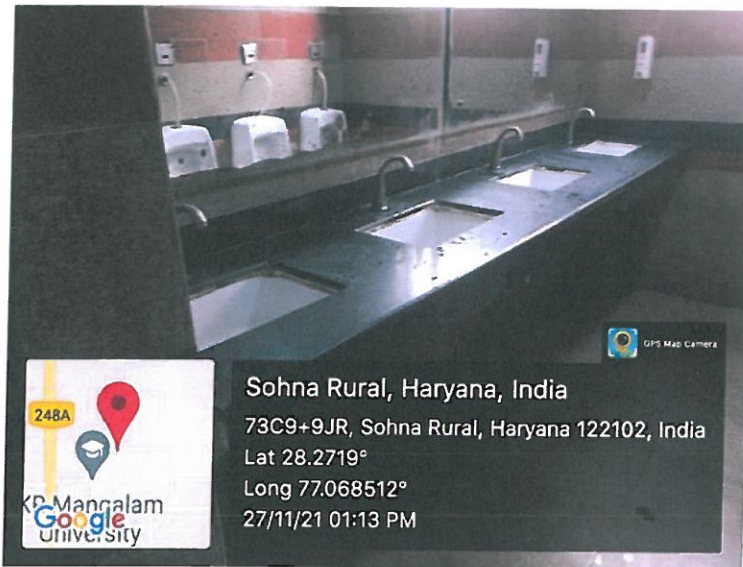


7.1.2(c) Sensor-based energy conservation

Energy efficiency is a key strategy for the sustainable growth of the planet. The University with this objective has sensor-based water conservation system installed in all the washrooms. Further, the optimization of energy resources is ensured with the installation of sensor-based entry gates at every building within the University premises.

There are two circuits: sensor module and controller module. PIR sensor module is used here to detect the Human body movement, whenever there is any body movement the voltage at output pin changes. Basically it detects the change in Heat, and produce output whenever such detection occurs. In controller module Relay is an electromagnetic switch, which is controlled by small current, and used to switch ON and OFF relatively much larger current. By applying small current we can switch ON the relay which allow much larger current to flow



Motion detection and optical sensors

Nowadays, most automatic doors operate with motion-detecting sensors. The majority of motion detectors use either microwave pulses or **passive infrared (PIR)** sensors to detect movement. Microwave beam motion detectors send out pulses of microwaves that measure the reflections of moving objects. In contrast, passive infrared sensors measure temperature changes to detect body heat. Sensors with microwave technology are usually more expensive than infrared sensors because they can cover a larger area. However, they are also at risk of electrical interference.



Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)



Jmf
Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

CENTRAL SALES / TAX INVOICE (2134)

(Original)

Toshi Automatic Systems Pvt. Ltd.
D - 132, BSR Industrial Area,
Ghaziabad - 201009
Phone : +91-120-2705117
E-Mail : office@toshiautomatic.com

Invoice No.	Dated
TASPL/13-14/CI/407	26-Aug-2013
Delivery Note	Mode/Terms of Payment
	AS PER PO
Supplier's Ref.	Other Reference(s)
Buyer's Order No.	Dated
1165	29-Jun-2013
Despatch Document No.	Dated
Despatched through	Destination
BY TRANSPORT	DELHI
Terms of Delivery	
FREIGHT PAID	

Buyer
MANGALAM EDU GATE
6/845, MAIN BAZAR
MEHRAULI, NEW DELHI- 110030
MR. VINOD SHARMA
MOB: 9953828251

Sl No.	Description of Goods	Quantity	Rate	per	Disc. %	Amount
1	EIC Micro Assy. for Auto Door Controller EIC MICRO ASSY. FOR AUTO SLIDING DOOR SD-806 WITH ACCESS:	4 Set (4 PCS)	66,866.60	Set		2,67,466.40
	INTERSTATE SALES TAX 5% ROUND OFF			5 %		13,373.32 0.28
	Total	4 Set				₹ 2,80,840.00

Received 04 set Auto door controller.
26/8/13 *26/8/13*

Amount Chargeable (in words)

Indian Rupees Two Lakh Eighty Thousand Eight Hundred Forty Only

E. & O.E

MANGALAM EDU GATE SECURITY CHECK

Johny 280840
9/9

SIGNATURE *[Signature]* DATE 26/8/13

Company's VAT TIN : 09288818962 w.e.f. 17.08.2011
Company's Service Tax No. : AADCT8510ESD001
Company's PAN : AADCT8510E

TO BE PAID BY
CENTRAL BANK OF INDIA
Dated: 20-01-2014
Cash / Ch. No. *RTGS-T.L.P/C*
Sign: *[Signature]*

Declaration
1. Payment through Bank DD or Cheque only. 2. No claim are entertained unless brought to our notice in writing with in 24 hours of receipt of material. 3. In case of overdue accounts we charge you interest or expense 12% pa. 4. All Disputes subject to Ghaziabad Jurisdiction only.

Authorised Signatory

This is a Computer Generated Invoice

The payment was delayed due to non-functioning of the system. Vehicle # DL 82L 1229F

Verified for Rs 2,80,840/-
[Signature]
9/9

CENTRAL SALES / TAX INVOICE

1165

(Original)

Toshi Automatic Systems Pvt. Ltd.
D - 122, BSR Industrial Area,
Ghaziabad - 201009
Phone : +91-120-2705117
E-Mail : office@toshiautomatic.com

1097

Invoice No.	Dated
TASPL/13-14/CI/264	2-Jul-2013
Delivery Note	Mode/Terms of Payment
Supplier's Ref.	100% AGAINST DELIVERY
	Other Reference(s)
Buyer's Order No.	Dated
1165	29-Jun-2013
Despatch Document No.	Dated
Despatched through	Destination
BY TRANSPORT	DELHI
Terms of Delivery	
FREIGHT PAID	Mangalam Edu Gate Sohna, Gurugram.

Buyer
MANGALAM EDU GATE
6/845, MAIN BAZAR
MEHRAULI, NEW DELHI- 110030
MR. VINOD SHARMA
MOB: 9953828251

SI No.	Description of Goods	Quantity	Rate	per	Disc. %	Amount
1	MISC. PARTS OF ENTRANCE AUTOMATIONS	6 PCS	9,800.00	PCS		58,800.00
	ALU.CHANEL & COVER	(6 Set)				
	INTERSTATE SALES TAX 5%			5%		2,940.00
	Total	6 PCS				₹ 61,740.00

(This material is a past delivery against Po. No. 1165 dt 29th Jun-12)

61740

Amount Chargeable (in words) **₹ 61,740.00**
Indian Rupees Sixty One Thousand Seven Hundred Forty Only

UP 14 - BT 2230

06 pcs received at site

21/13
2/7/13

Company's VAT TIN : 09288818962 w.e.f. 17.08.2011
Company's Service Tax No. : AADCT8510E6D001
Company's PAN : AADCT8510E

PAID
Date: 30-09-13
Cash No. 045299
61740

Declaration
1. Payment through Bank DD or Cheque only. 2. No claim are entertained unless brought to our notice in writing within 24 hours of receipt of material. 3. In case of cash accounts we charge you interest or expense @ 9% pa. 4. All Disputes subject to Ghaziabad Jurisdiction only.
for Toshi Automatic Systems Pvt. Ltd.
Authorized Signatory

This is a Computer Generated Invoice

G.R. # 4159 dated 02/07/2013.

Guar New Roadlines.

Vehicle # UP14 BT-2230.

(a)

Verified for
passport of
61740

MANGALAM EDU GATE SECURITY CHECK

SIGNATURE DATE 02/07/13

J.P.

4359

4359

Tax Invoice

GELD TECH SENSOR

GROUND FLOOR, PLOT NO 138, KH NO 2/22, 23, 24, MAIN 25 FOOT ROAD, STREET NO 4, GANESH NAGAR BURARI NORTH DELHI - 110084

Tel. No. +91-0212316065, 9312281181
Website: www.geldtechsensor.com
E-mail: geldtechsensor@gmail.com
GSTIN No.: 07AMXPK0747R122

Bill to	Place of Supply	Tax No.	Dated
K.R. Mangalam University K.R. Mangalam University Sohna Road, Gurgaon, Haryana 122103 Sohna Rural, Sohna, Haryana 122103	K.R. Mangalam University K.R. Mangalam University Sohna Road, Gurgaon, Haryana 122103 Sohna Rural, Sohna, Haryana 122103	GTS-2324-117	04-08-2023

GST No.:

Description of Goods	HSN Code	Qty.	Units	Rate	Amount
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1. Motion Sensor Ceiling Surface Light 10W	9405	150	1	600	90000.00
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SECURITY CHECK-KIA
 CHECK No 7485
 Date 08/08/23

BTC
 4359

Recd
 Shree
 Store manager
 09/08/23

Terms & conditions

1. Payment terms: 100% Advance
2. Motion Sensor 12 Months warranty against manufacturing defects only (Burn physical damage, burn due to coming in contact with water is not included in warranty)
3. Goods once sold will not be taken back
4. All disputes are subject to Delhi jurisdiction only
5. Shipping/ dispatch by Road/Air & Freight amount will be extra

Sub Total		90000.00
IGST	18%	16200.00
SGST	0%	0.00
Round Off		0.00

One Lakh Six Thousand Two Hundred Only

Total Rs. 106,200

Account Details

Name: Geld Tech Sensor
 A/C No: 92102030516645
 Bank Name: AXIS BANK
 IFSC: UTIB0002750
 Branch: BURARI, DELHI-110084

For GELD TECH SENSOR

For GELD TECH SENSOR

Note: Please make cheques in favor of "Geld Tech Sensor"

Sumit
 11/8/23

11/8/23

J.P.

Registrar
 K.R. Mangalam University
 Sohna Road, Gurgaon, Haryana