GNSU

### गोपाल नारायण सिंह विश्वविद्यालय कुलसचिव कार्यालय

OFFICE OF THE REGISTRAR

ESTABLISHED UNDER THE BIHAR PRIVATE UNIVERSITY ACT 2013 [Act No. 20 of 2013]

7.1.4

#### (1) Rain water harvesting

#### (1) Rain water harvesting

Gopal Narayan Singh University (GNSU) has enabled a rainwater harvesting system (RWH) in the institute. Water harvesting through rainfall is utilized for irrigation or rearing fish and ground water recharge as well as various developmental programmes in the Campus. For recharging the groundwater tables, rainwater coming from roof rooftops of the buildings, paved streets, parking lots, and sidewalks is collected in storage tanks/percolation ponds.

#### **Ponds**





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#### **Ground Water Recharge**

#### **Recharge Basins/Pits**

#### **Percolation Tanks**





#### Rainwater coming from rooftops

#### Tanks Covered with proper Lids





#### A UNIT OF DEO MANGAL MEMORIAL TRUST



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OFFICE OF THE REGISTRAR

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### Rain water harvesting Bill

Customer: NARAYAN MEDCAL COLLEGE & HOSPITA. (UNIT OF DEO MANGAL MEMORIAL TRUST) JAMUHAR Dist. ROHTAS (BIHAR) BIHAR -821305 06184-281899,2818888						TAX INVOICE  NO.RTT 20-21/04  DATE-Feb-04-2021			
P.O.NO NMCH4 R21				Mode of Dispatch  Deliver by Road					
	of payment ng account	Invoice no. R04 Date: 04-02 -2021	Date	: 04-0	02-2021.				
No.		Description		Quantity	Unit	Unit Price	Amount		
1	Environment Saving Project (RWH): Rain Harvesting Trunkey project HSN8414 Excavation to completion of work Spreading of soil ,Recharge Material as per NGT ,All pipe line work of building Geo Membrane C I Manhole cover & Architectural drawing all Tax IGST 18%			10 no. for RWH	Phase A	4,66,000.00 83,880.00	46,60,000.00 838800.00		
Rupe	ees: Fifty Four	Lack Ninety eight Thousan	d Eight hi	undred.	Total	: 5498800.00			
	sale Tax Regist No.07AASFR56			Fo	For Ramo	Ramda Thomson	on Technologie <b>Technologies</b>		
Customer PAN No.AAATD9423G			Subj	Authorized Signatory  Subject to Delhi Jurisdiction Authorised Signatory  E & O E					

Address : Jamuhar, At+Po : Jamuhar, Dist Rohtas, Bihar, India-821305

Mobile No : +91-8544425011 Email id : <u>Info@gnsu.ac.in</u>

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#### (4) Waste water recycling

#### **SEWAGE TREATMENT PLANT (STP)**











## गोपाल नारायण सिंह विश्वविद्यालय कुलसचिव कार्यालय

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#### Sewage Treatment Plant (STP) Bill

Customer:				TAX INV	OICE				
JAMUHAR Dist. ROHT BIHAR -821305	FAS (BIHAR)			NO.RO8					
06184-281899,28188	88			OATE-38					
P.O.NO S08	Mode of Dispatch								
			Deliver by Roa	d					
Term of payment Invoice no. R10 Date: 04-01 -2018		Date: 04-01-2018.							
- davance									
					Maria .	1			
No.	Description	Quantity	Unit	Unit Price	Amount				
Air blower, Or	ntrol Equipment : ne set with accessories HSN8414 ne with accessories HSN8421	01 Lote	Phase B	23,90,000.00	23,90,000.00				
Kirlosker Mot Air Diffuser se	et one lot HSN409 ia one lot 70 x 10 m3 HSN8421	for STP							
Tax GST 18%			4,30,200.00	4,30,200.00	1				
Pungas Transfer	t Lock Two sty the way (7)	od C-1	Г	Total : 28,20,20	0.00				
	t Lack Twenty thousand Two hundre	ed Only.	V						
Our sale Tax Registrat GST No.07AASFR5632			or Ran	For Ramda Thomson	Technologies	gies			
				Authoriz	Technologies ed Signatory				
Custom PAN No.AAATD94230		Subject to Delhi Jurisdiction E & O E Authorised Signatory							
	27M1 Community Center Greater K								
		.ramdatho	mson.co	<u>om</u>					
	Ph.:- 9999314340, URL: www								
	Ph.:- 9999314340, URL: www.			Coordina IQAC (NA	tor	4			

Address: Jamuhar, At+Po: Jamuhar, Dist Rohtas, Bihar, India-821305

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#### **Sewage Treatment Plant (STP) Bill**

			-		TAX INVOI	CE		
ARAYA	NI MEDICAL COLL	LEGE & HOSPITA. MEMORIAL TRUST)			NO.R07			
MUH	AR Dist. ROHTAS	(BIHAR)		DATE-Dec -09-2017				
6184-7	281899.2818888							
				N	lode of Dispatch			
0.NO	S08	R17			Deliver by Road			
		Invoice no. R10						
Term of payment .		Date: 09-12 -2017	Date:	Date: 09-12-2017-				
100 ac	ivance							
1	1	- Autor	Quantity	Unit	Unit Price	Amount		
No.		Description						
1	Pollution cor Air blower, On Filter Press on Air Diffuser se	01 Lote for STP	Phase A	22,80,000.00	22,80,000.00			
	Bio pack medi	a one lot 70 x 10 m3 H5N 8421			4,10,400.00	4,10,400.00		
		The second second			1			
		Lack Ninety thousand Four hundr	ed Only.	/	Total: 26,90,4	00.00		
				/	For Ramda Th	nomson Technologie		
Our sale Tax Registration: GST No.07AASFRS632B1Z5			For Ramda Thomson Technologies Authorized Signatory					
Customer PAN No.AAATD9423G			Subject to Delhi Jurisdiction E & O E Authorised Signatory					
	-			Now Bell	b) =110049			
		27M1 Community Center Great						
		Ph.:- 9999314340, URL: v	www.ramdat	nomson	·			
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#### Sewage Treatment Plant (STP) Bill

	omer:	e acase			T TAN 11 TO	over			
NARAYAN MEDCAL COLLEGE & HOSPITA. (UNIT OF DEO MANGAL MEMORIAL TRUST)				TAX INVOICE					
JAML	JHAR Dist. ROHTA R -821305			NO.RO8					
	4-281899,281888	8			DATE-M	arch -02-2018			
D.O.A.	10.500								
P.O.NO S08 R18		Mode of Dispatch							
Torr	of an an and				Deliver by Roa	d			
	of payment	Invoice no. R10 Date: 02-03 -2018	Date: 02-03-2018.						
00 a	dvance								
. No		Description	10	1.01.76	Luan		1		
No.		Description	Quantity	Unit	Unit Price	Amount			
1 .	Pollution contro	01.1		28,90,000.00	28,90,000.00				
	Pressure Filter Pressure carbon	01 Lote	Phase C						
	Carbon Media Butter fly Valve	for STP & ETp							
	Stunner set 4	Tax GST 18%			5,20,200.00	5,20,200.00			
Gravels Media a lote HSN 2517 Tax GST 5%				120,000.00 6000.00	120,000.00 6000.00	1			
Rupee	s: Thirty Five Lac	k Thirty Six thousand Two hundre	ed Only.	1	Total : 35,36,20	0.00			
	le Tax Registratio			/			_		
	0.07AASFR5632B		F	or Ram	For Ramda Tho da Thomson	Technologies	gies		
100					Authoriz	ed Signatory			
Customer PAN No.AAATD9423G			Subject to Delhi Jurisdiction thorised Signatory E & O E						
-	33011034200			u o t					
	27	M1 Community Center Greater H							
		Ph.:- 9999314340, URL: wwv	v.ramdathor	mson.co	<u>om</u>				
		7			Lai		-		
					Coord	inator NAAC)			
					Coord				
					IQAC ( Gopal Narayan amuhar, Sasara	Singh Univers	ity		

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#### (5) Maintenance of water bodies and distribution

Maintaining water bodies and distribution systems on a campus, particularly within the engineering department, is critical for ensuring the sustainability of water resources, preventing system failures, and promoting efficient water usage. Effective maintenance includes regular inspections, repairs, and management of both natural and man-made water bodies as well as water distribution infrastructure. Here's a comprehensive guide on how to maintain these systems: Water bodies such as ponds, tanks, reservoirs, or lakes within a campus serve multiple purposes, including water storage, groundwater recharge, and supporting biodiversity. Proper maintenance ensures these water bodies remain functional and ecologically balanced.

- Removal of Debris and Sediment: Over time, debris such as leaves, branches, and garbage can accumulate in water bodies, reducing their storage capacity and aesthetic appeal. Regular removal of debris is necessary to maintain water quality.
- **Desilting**: Sediment build-up can reduce the depth and capacity of water bodies. Periodic desilting (removal of accumulated silt and sediment) is essential to maintain the efficiency of the water body in terms of storage and recharge.
- **Algae Control**: Excessive algae growth can disrupt the ecological balance, deplete oxygen levels, and affect the quality of water. Algae control measures, such as using natural algae-eating fish or aeration systems, should be implemented.



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### **Distribution System Bill**

Customer: NARAYAN MEDCAL COLLEGE & HOSPITA. (UNIT OF DEO MANGAL MEMORIAL TRUST) JAMUHAR Dist. ROHTAS (BIHAR) BIHAR -821305 06184-281899,2818888						TAX INVOICE  NO.RTT 20-21  DATE-Feb-04-			
P.O.NO NMCH4				Mode of Dispatch  Deliver by Road					
	of payment ng account	Invoice no. R04 Date: 04-02 -2021	Date:	04-	02-2021.				
No.		Description		Quantity	Unit	Unit Price	Amount		
1	Environment Rain Harvest Excavation t Spreading of NGT "All pipe Geo Membri C I Manhole Tax IGST 18	s per	10 no. for RWH	Phase A	4,66,000.00 83,880.00	46,60,000.00 838800.00			
Rupe	es: Fifty Four	Lack Ninety eight Thousan	nd Eight hu	ndred.	Total	l : 5498800.00			
	sale Tax Regist No.07AASFR56			Fo	For or Ramo	Ramda Thomson	Technologies		
Customer PAN No.AAATD9423G			Authorized Signatory Subject to Delhi Jurisdiction Authorised Signatory E & O E						

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