



KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

KARPAGAM
ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641 021, Tamil Nadu, India.
Phone: 0422 - 2980011- 14 | Fax: 0422 - 2980022 | Email : info@kahedu.edu.in

7.1.4. Water Conservation Facilities

Invoices on Water conservation facilities

S.No.	Particulars	Page No.
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2	Invoice for Construction and commissioning of Sewage Treatment Plant	11
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REGISTRAR

Karpagam Academy of Higher Education
(Deemed to be University Under Section 3 of UGC Act 1956)
Pollachi Main Road, Eachanari Post,
Coimbatore - 641 021.



7.1.4 Any Other Relevant Information

Borewell Invoices

ஸ்ரீ விநாயகா போர்வெல் பிட்டர்ஸ்

38, தெற்குத்தோட்டப் பகுதி, ஒக்கிலிபாளையம், கோவை-32

செல் : 9965148504

Date : 10.01.2019

To

Karpagam University,
Seerapalayam,
Coimbatore.

CASH BILL

1. Pallakadu Bore Well

7.5 HP, V-6, 23 Stage Pump, 500 feet

2" CPVC Pipe, Up Erection and

Chain Block and Labour Assembly Charges

= Rs. 3,000/-

2. Animal Site New Bore

7.5 HP, V-6, 23 Stage Pump, 500 feet

Down Erection and

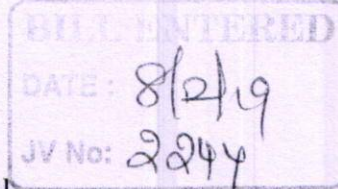
Chain Block and Labour Assembly Charges

= Rs. 3,000/-

Total = Rs. 6,000/-

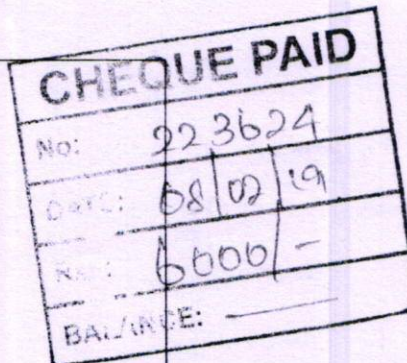
(Rupees Six Thousand only)

Thanking you,



BANK DETAILS :

V.PATHMANAPAN
SB A/C NO. 32088262638
STATE BANK OF INDIA
MALUMICHAMPATTI BRANCH
IFSC CODE I SBIN0015017



Yours faithfully,

V. Pathmanapan

ஸ்ரீ விநாயகா போர்வெல் பிட்டர்ஸ்

38, தெற்குத்தோட்டப் பகுதி, ஒக்கிலிபாளையம், கோவை-32
செல் : 9965148504

Date : 30.01.2019

To

Karpagam University,
Seerapalayam,
Coimbatore.

CASH BILL

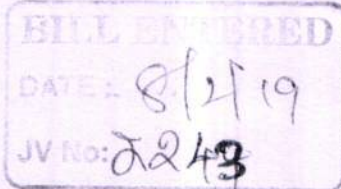
- Animal Site Bore
12.5 HP, V-6, 30 Stage Pump, 900 feet
Double Cable, Up Erection and
Chain Block and Labour Assembly Charges

= Rs. 3,500/-

Road Side (Bore. 04)
Remove Charges
V. Pathmanapan

Total = Rs. 3,500/-

(Rupees Three Thousand and Five Hundred only)



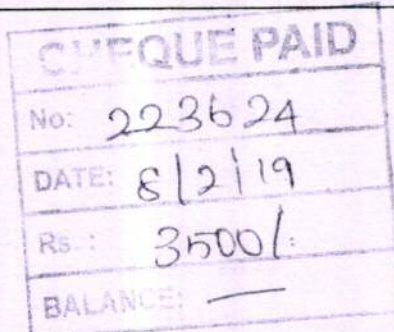
Thanking you,

BANK DETAILS :

V.PATHMANAPAN
SB A/C NO. 32088262638
STATE BANK OF INDIA
MALUMICHAMPATTI BRANCH
IFSC CODE I SBIN0015017

Yours faithfully,

V. Pathmanapan



3500/-
6000/-
9500/-

ஸ்ரீ காளியம்மன் போர்வெல் பிட்டர்ஸ்

மாளியம்மன் கோவில் வீதி, நடுபங்குத்தோட்டம், அரிசிபாளையம், கோவை-32
P. அய்யாசாமி : செல் : 9843532174

Date : 30.01.2019

CASH BILL

To

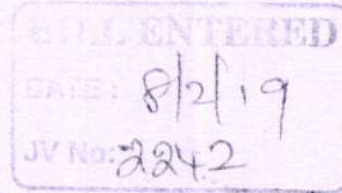
Karpagam University,
Seerapalayam,
Coimbatore.

Sub : Animals New Bore Well Testing - Reg.

Dear Sir,

1. 900 Feet , 7.5 HP, V 4, 50 Stage, 1 1/2" CPVC Pipe
4 Days Up and Down Erection and Chain Block,
Labour Assembly Charges

= Rs. 8,000/-



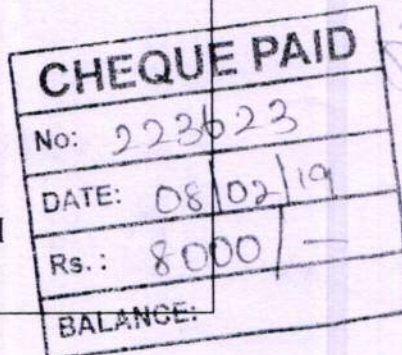
Total = Rs. 8,000/-
=====

(Rupees Eight thousand only)

Thanking you,

BANK DETAILS :

P.AYYASAMY
SB A/C NO. 32405111308
STATE BANK OF INDIA
MALUMICHAMPATTI BRANCH
IFSC CODE I SBIN0015017



Yours faithfully,

P. Ayyasamy

ஸ்ரீ காளியம்மன் போர்வெல் பிட்டர்ஸ்

மாளியம்மன் கோவில் வீதி, நடுபங்குத்தோட்டம், அரிசிபாளையம், கோவை-32
P. அய்யாசாமி : செல் : 9843532174

Date : 30.01.2019

CASH BILL

To

Karpagam University,
Seerapalayam,
Coimbatore.

Sub : Animals Site New Bore Well – Reg.

Dear Sir,

1. 500 Feet , 7.5 HP, V 6, 23 Stage, 2" CPVC Pipe = Rs. 3,000/-
Up Erection and Chain Block, *Repair propose.*
Labour Assembly Charges *Remove chye*
2. Animals New Bore No.2
900 Feet , 12.5 HP, V 6, 40 Stage, 2" CPVC Pipe = Rs. 3,500/-
Double Cable, Down Erection and Chain Block,
Labour Assembly Charges *New Bore fixing chye.*



Total = Rs. 6,500/-

(Rupees Six thousand and Five Hundred only)

Thanking you,

Yours faithfully,

BANK DETAILS :

P.AYYASAMY
SB A/C NO. 32405111308
STATE BANK OF INDIA
MALUMICHAMPATTI BRANCH
IFSC CODE I SBIN0015017

CHEQUE PAID	
No:	223623
DATE:	08/02/19
Rs.:	6500/-
BALANCE:	

0 6500/-
2 8000/-
14500

ஸ்ரீ காளியம்மன் போர்வெல் பிட்டர்ஸ்

நடுபங்கு தோட்டம், அரிசிபாளையம், கோவை - 641 032.

P. அய்யாசாமி : செல் - 98435 32174

Date : 24.04.2019

To

M/s. Karpagam University College,
Bypass Junction,
Pollachi Main Road,
Eachanari,
Coimbatore - 641 021.

Sub : Animal Site New Bore Well - Reg.

Dear Sir,

1. 12.5 HP, Double Cable, V-6, 2" CPVC Pipe
900 Feet, Cable Joint Problem,
Up and Down and Erection Charges and
Chain Block Labour Assembly Charges

= Rs. 7,000.00

Total = Rs. 7,000.00

(Rupees Seven Thousand only)

Thanking you,

Yours faithfully,

ACCOUNT DETAILS

P. Ayyasamy,
State Bank of India,
A/c No. 32405111308
SBIN0015017
Cell : 98435 32174, 99651 48504

CHEQUE PAID	
No:	561085
DATE:	19/4/19
Rs.:	7000/-
BALANCE:	-

ஸ்ரீ காளியம்மன் போர்வெல் பிட்டர்ஸ்

நடுபங்கு தோட்டம், அரிசிபாளையம், கோவை - 641 032.

P. அய்யாசாமி : செல் - 98435 32174

Date : 24.04.2019

To

M/s. Karpagam University College,
Bypass Junction,
Pollachi Main Road,
Eachanari,
Coimbatore - 641 021.

Sub : Animal Site New Bore Well - Reg.

Dear Sir,

- 12.5 HP, Double Cable, V-6, 2" CPVC Pipe
900 Feet, Cable Joint Problem,
Up and Down and Erection Charges and
Chain Block Labour Assembly Charges

= Rs.7,000.00

Total

= Rs.7,000.00

(Rupees Seven Thousand only)

Thanking you,

Yours faithfully,

ACCOUNT DETAILS

P. Ayyasamy,
State Bank of India,
A/c No.32405111308
SBIN0015017
Cell : 98435 32174, 99651 48504

CHEQUE PAID	
No:	561085
DATE:	19/4/19
Rs.:	7000/-
BALANCE:	-



சரathi போர்வெல்ஸ்
SARATHI BOREWELLS

Sivam & Co., பெட்ரோல் பங்க் அருகில், பல்லடம் மெயின் ரோடு, செட்டிபாளையம் கோவை-641201

98659 03250
98658 55842
98429 68415

4 ¾, 6 ½ போர் சென்சார் முறையில் போட்டுத்தரப்படும்.

Sri

①

KAB

S.No. 097

Date: 19-12-2018

51 to 500	65 63	500 அடி	32500
500 to 600	75 73	100 அடி	7500
600 to 700	25 83	100 அடி	8500
700 to 800	105 103	100 அடி	10500
800 to 900	135 133	100 அடி	13500
900 to 1000	175 173	60 அடி	10500
D.W.C	330 ✓		19800
31500 ✓			
7300 ✓			
8300 ✓			
10300 ✓			
12300 ✓			
14300 ✓			
12960 ✓			
6960 ✓			
91240 ✓			
1711 ✓			
912 ✓			
90228 ✓			

RECEIVED PAID
222717
28/12/18
RS: 90328
BALANCE:

BILL ENTERED
DATE: 28/12/18
JV No: 1936

Party Signature

Driver Signature

Driver Signature

7.1.4 Any Other Relevant Information

Sewage Treatment Plant Invoices

31926608

M.R.K. Chemical Industries

Cell : 9566498489
9543296441

50, Thirunagar Colony, Kuniamuthur, Coimbatore - 641 008.

No.

373

TAX INVOICE
CASH / CREDIT BILL

Date 29.05.17

To M/s

Karapagam University
Pollachi Main Road Coimbatore

Your Order No.

PO discussion

Date

10/02/17

Our D.C. No.

Date

S. No	Particulars	Qty	Rate Rs. Ps.		Amount Rs. Ps.	
01	Servicing of Blower changing oil seal, bearings, dynamic balancing the lobes changing gaskets.	01 Set	14500	00	14500	00
02	Replacing the existing 1 1/2 ms diffuser line and replacing with newly fabricated 1 1/2 ms diffuser line with air diffuser two line.	20 sets	58300	00	58300	00
					3,640	00
			TOTAL		76,440	00

CHEQUE
No: 110 BSS
DATE: 19/6/17
Rat: 76,440
BALANCE: 5%.

BILL ENTERED
DATE: 19/6/17
JV No: 398

Rupees

Seventy six thousand four hundred and forty only.

For MRK Chemical Industries

Authorised Signatory

Signature with seal

Cell : 9566498489
9543296441

50, Thirunagar Colony, Kuniamuthur, Coimbatore - 641 008.

No.

374

TAX INVOICE
CASH / CREDIT BILL

Date 29.05.17

To M/s

Karpagam University

P.O. Vacki Main Road Coimbatore

Your Order No. _____

PO discussion

Date 10.3.17

Our D.C. No

Date _____

Our D.C. No.		Date	Qty		Rate Rs. Ps.	Amount Rs. Ps.
S. No	Particulars					
01	Fabrication of SS 304 4mm thickness sheet open settling well for secondary clarifier	01 set	32000	00	32000	00
02	Supply of Return sludge pump 2 hp and desludging pump make Ringboskar or equivalent model	02 pumps	18500	00	37000	00
03	Fabrication of 4.5 square pyro and braced of stainless steel tank	02 tanks	38000	00	38000	00
04	Plumbing fittings for filter connecting pipes	Cover	01 lot	19000	00	19000
					5850	00
			TOTAL			1,22,850.00

BILL ENTERED
 DATE: 19/6/17
 INV NO: 399

CHEQUE PAID
 NO. 1010101010101010
 DATE: 19/6/17
 Rs. 1,22,850/-
 BALANCE: ✓ Val @ 5%.

rupees

One Lakh Twenty Two thousand eight hundred and five only.

For **MRK Chemical Industries**

Authorised Signatory

Received the above items in good condition

Signature with seal

For **MRK Chemical Industries**

M.R.K. Chemical Industries

Cell : 9566498489

9543296441

1266050, Thirunagar Colony, Kuniamuthur, Coimbatore - 641 008.

No. 375

TAX INVOICE
CASH / CREDIT BILL

Date 29/05/17

To M/s.

Rangayam University
Pollachi Main Road

Your Order No.

PO discussion

Date

10/03/17

Our D.C. No.

Date

S. No	Particulars	Qty	Rate Rs. Ps.		Amount Rs. Ps.	
01	Service charge for Technician	04 day	3000	00	12000	00
<div>RS. 11760 /</div> <div>PDS - 21 - III</div> <div>RS. 210</div> <div>J.N.O.</div> <div>BILL ENTERED DATE: 19/6/17 JV No: 400</div> <div>CHEQUE PAID NO: 038840 DATE: 1/7/17 RS.: 69700/-</div> <div>TOTAL 12000 . 00</div>						

Rupees

Twelve thousand

For MRK Chemical Industries

Authorised Signatory

Received the above items in good condition

Signature with seal

For MRK Chemical Industries

TIN No. : 33531726608

CST No. : 1173201

Cell : 9566498489

9543296441

M.R.K. Chemical Industries

50, Thirunagar Colony, Kuniamuthur, Coimbatore - 641 008.

No. 202

DELIVERY CHALLAN

Date: 14.03.17.

M/s.

KARPA Gnan University

Pollachi Main Road near L & T by-pass

Coimbatore

Your order / DC No. Date

Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
01	M.S. Pipe 1 1/2" for Air diffuser line	01 lot
02	MS Flange 1 1/2" for air diffuser	01 lot
03	MS coupler for air diffuser	01 doz
04	air diffuser	20 nos.
05	PVC pipe fitting	01 lot

Received the above items in good condition

Signature with seal

For MRK Chemical Industries

TIN No. : 33531726608 - *M.*
CST No. : 1173201

TIN No: 33531926608

Cell : 9566498489
9543296441

M.R.K. Chemical Industries

50, Thirunagar Colony, Kuniyathur, Coimbatore - 641 008.

No. 201

DELIVERY CHALLAN

Date : 14.03.2017

M/s. KARPAGAM UNIVERSITY
Pollachi Main Road Near L & T By-pass Road

Your order / DC No. Through Proper Channel Date 06.03.17
Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
01	KIRLOSKAR SPIRIT 2 hp mono pump (For Sewage treatment plant)	02 nos.
02	UPVC Plumbing items	01 lot

Received the above items in good condition

Signature with seal

For MRK Chemical Industries

M.

TIN No. : 33531726608

CST No. : 1173201

Cell : 9566498489

9543296441

M.R.K. Chemical Industries

50, Thirunagar Colony, Kuniyamuthur, Coimbatore - 641 008.

No. 202

DELIVERY CHALLAN

Date: 14.03.17

M/s. KARPAGAN University
Pollachi Main Road near L & T bypass
Coimbatore

Your order / DC No. Date

Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
01	M.S. Pipe 1 1/2" for Air diffuser line	01 lot
02	MS Flange 1 1/2 for Air diffuser	01 lot
03	MS coupler for Air diffuser	01 lot
04	Air diffuser	20 nos.
05	PVC pipe fittings	01 lot

Received the above items in good condition

Signature with seal

For MRK Chemical Industries

TIN No: 33531926608

Cell : 9566498489
9543296441

M.R.K. Chemical Industries

50, Thirunagar Colony, Kuniamuthur, Coimbatore - 641 008.

No. 201

DELIVERY CHALLAN

Date: 14.03.2017

M/s KARPAGAIYI UNIVERSITY
Pollachi Main Road, Near LFT By-pass Road

Your order / DC No. Through Proper Change Date 06/03/17
Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
01	KIRLOSKAR SPIHM 2 hp mono. pump. (For Sewage treatment plant)	02 nos.
02	UPVC Plumbing items	01 lots

Received the above items in good condition

Signature with seal

For MRK Chemical Industries

[Signature]

SUBMITTED TO THE VICE-CHANCELLOR

Date : 28-2-17

Sir

Sub: Renovation of Sewage Treatment plant – budget estimate- submitted-reg.

The existing STP needs some more modification for the better treatment of the sewage and zero bacterial effluent discharge . Accordingly quotation was called for from MRK CHEMICAL INDUSTRIES, for the renovation work. The company people inspected the STP on 25-2-17 and offered the estimate. On verifying the estimate the item no 9 "Chlorination Dosing Pump set Dosing Tank " is not necessary ^{with chlorination} since the effluent water cannot be used for gardening purpose. The cost of the above set is 16250. Leaving this amount the total cost comes to Rs302,050/- (Rupees Three Lakhs two thousand and fifty only) In addition to treatment plant walls should be raised to two feet high . This civil work does not included in the estimate.

Proposal is submitted for approval.

Encl: Quotation

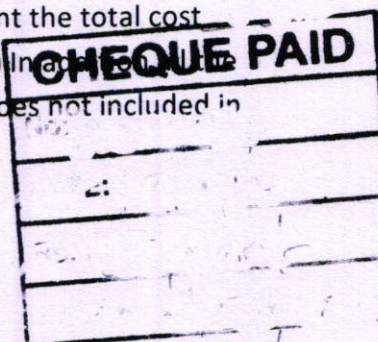
Ch. Favour: M.R.K. CHEMICAL INDUSTRIES
Rs: 50,000/-

Chairman.

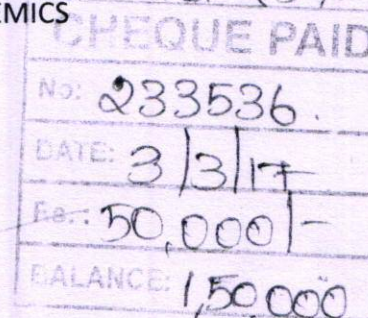
Sir Finalised for Rs 2,20,000/- . The site was inspected by Hardeep Tuteja alongwith the Company person , CEO, Dean Academics, 25% advance cheque we have to give alongwith the work order. Maximum 15 days. Orders requested.

2/3/17

Rs 50,000/-



DIRECTOR-ACADEMICS



No: 233536

DATE: 3/3/17

For: 50,000/-

BALANCE: 1,50,000

KU NRK.

Bill 273	2915/14	76440.00
374	"	122850.00
375	"	12000.00
		<hr/>
		211290.00
		200000.00
		<hr/>
		11290.00

Approved. value.

Approved. Rate.

Advance. Paid.

Balance to be paid.

200000.00
50000.00
<hr/>
150000.00

Debit note to be raised for

Rs. 11290/-

AAW EN 9553C
III Cheque

CHEQUE PAID	
NO:	038849
DATE:	1/7/17
RS.:	69760/-
BALANCE:	m

D.
Rs.
BALA

M.R.K. CHEMICAL INDUSTRIES

20/38, Sasthiri Street Rathinapuri Coimbatore-641027.

Ph.: 9566498489, 9543296441. Email: balaji_rohini@yahoo.co.in

TIN NO: 33531926608 CST NO: 1173201



To,

Karpagam University.

Pollachi main Road

Coimbatore.

Sub: Work Completed and request for balance payment

Respect Sir,

As per quotation no1014 dated 28/02/17 the work has been completed . We kindly request you to release the balance payment as per invoice

- 1) Bill no 373 dated 29/05/17----- Rs 76,440.00 ✓
- 2) Bill no 374 dated 29/05/17----- Rs 1,22,850.00 ✓
- 3) Bill no 375 dated 29/05/17----- Rs 12,000.00
- 4) Total Rs 2,11,290.00 ✓
- 5) Advance by cheque no 233536 (-) Rs 50,000.00 ✓ dated 08/3/17
- 6) Balance Amt----- Rs 1,61,290.00

Please kindly arrange to issue balance amount

Regards

M.R.K. chemical Industries.

M. Vellingiri
h.

V. Balaji

Date 29/05/2017



CHEQUE PAID	CHEQUE PAID
No: 038849	No: 038540
DATE: 17/7/17	DATE: 15/6/17
Rs.: 69760/-	Rs.: 80000/-
BALANCE: Nil	BALANCE: 70000/-

BI - Rs: - 69760/-

CEO

Vellingiri to speak

For B. Sarav
15/6/17

Submitted to Chairman Sir P.

ds
Raj
13/5/17

15/6/17

GSTIN : 33AAWFM9553C1ZX

M.R.K. CHEMICAL INDUSTRIES50, Thirunagar Colony, Kuniyamuthur,
Coimbatore - 641 008.

Mobile : 9566498489, 9566493419

Email : balaji_rohini@yahoo.co.in

• Original • White

• Duplicate • Pink

• Triplicate • Yellow

GST INVOICE

Date : 11/12/18

State : Tamil Nadu

State Code : 33

Consignee : M/s. *Karpagam University*
Pottachi main Road, New 1st Bypass Road,
*Coimbatore.*INV No. : MRK 001 / 2017-18 **115**

Transportation Mode :

Vehicle No. :

Date of Supply :

Place of Supply :

State : *Tamil Nadu.*State Code : *33*

Consignee's GST :

Your P.O. No. & Date

verbal

S.No.	HSN Code	Description	Qty.	Rate Rs.	P.	Total Value Rs.	P.
1.		<i>Blower Belt.</i>	<i>2 No</i>	<i>460</i>	<i>00</i>	<i>920</i>	<i>00</i>
2.		<i>Blower oil</i>	<i>1 Liter</i>	<i>470</i>	<i>00</i>	<i>470</i>	<i>00</i>

CHEQUE PAIDNo: *828045*DATE: *11/12/18*Rs.: *1641/-*BALANCE: *—*

Discount

Sub Total *1390 00*CGST @ 9% *125 10*SGST @ 9% *125 10*

IGST

Net Total *1640 20*

Freight Charges

P&F Charges

Insurance

Other Charges *80*INVOICE TOTAL *1641 00*Invoice value in words & figures *one Thousand*
*Six Hundred and forty one only.*Amount of tax subject to reverse charge *two Hundred*
*and fifty only.***BILL ENTERED**DATE: *11/12/18*JV No: *1824*

Bank Details :

M.R.K. Chemical Industries
Central Bank of India, Main Branch,
Account No. : 3263167367, IFSC Code : CBIN0280908Certified that the Particulars given above are true and correct and the
amount indicated represents the price actually charged and that there is
no flow of additional consideration directly or indirectly from the buyer.

Subject to Coimbatore Jurisdiction

Electronic Reference No.

For M.R.K. CHEMICAL INDUSTRIES

P.P.F.

GSTIN : 33AAWFM9553C1ZX

M.R.K. CHEMICAL INDUSTRIES50, Thirunagar Colony, Kuniamuthur,
Coimbatore - 641 008.

Mobile : 9566498489, 9566493419

Email : balaji_rohini@yahoo.co.in

- Original • White
- Duplicate • Pink
- Triplicate • Yellow

GST INVOICE

State : Tamil Nadu

State Code : 33

Date : 30/03/19

Consignee : M/s. Karpagam Academy of
Higher Education.
Pollachi main Road, Coimbatore.

INV No. : MRK 001 / 2017-18 **139**

Transportation Mode : Maxima pickup

Vehicle No. : TN 66 X 5983

Date of Supply : 30/03/19

Place of Supply : Coimbatore

State : Tamil Nadu

State Code : 33

Consignee's GST :

Your P.O. No. & Date

S.No.	HSN Code	Description	Qty.	Rate Rs.	P.	Total Value Rs.	P.
01	25051020	10 mm Silica	4 bag	700	00	2800	00
02	25051020	4 mm Silica	3 bag	700	00	2100	00
03	38021000	Activated carbon	50 kg	135	00	6750	00
04	84212110	Top & bottom Stainer Set	1 no	5800	00	5800	00
05	84212110	Pressure Gauge back entry	01 no	850	00	850	00
06	84212110	multifort Valve union	01 no	765	00	765	00
07	84219900	micron Filter	1 no	950	00	950	00
08	38249012	Ro anti scalent	1 no	365	00	365	00
09	38249012	Ro cleaning chemical	1 no	725	00	725	00
10		Service charge for material unloading, and re-loading	1 no	1000	00	1000	00

E&OE

CHEQUE PAID

Rs. 35,169/-

DATE: 30/03/2019

Invoice value in words & figures

Seventy Thousand one
Sixty nine onlyRs. : 35,169/-
BALANCE

Discount

Sub Total

59465 00

CGST @ 9%

5351 85

SGST @ 9%

5351 85

IGST

Net Total

70168 70

Freight Charges

B&F Charges

Insurance

Other Charges

30

INVOICE TOTAL

70169 00

Amount of tax subject to reverse charge

Ten thousand seven hundred and
three only**BILL ENTERED**

Bank Details :

M.R.K. Chemical Industries

Central Bank of India, Main Branch,

Account No. : 3263167367, IFSC Code : CBIN0280908

DATE: 30/3/19

2727 near Ambaluk

Certified that the Particulars given above are true and correct and the
amount indicated represents the price actually charged and that there is
no flow of additional consideration directly or indirectly from the buyer.

Subject to Coimbatore Jurisdiction

Electronic Reference No.

For M.R.K. CHEMICAL INDUSTRIES

H. R. Ravi
30/3/19SR. n
31/4/2019Calculation
Charged
P. Chandrasekhar

K. M. A.

M.R.K. CHEMICAL INDUSTRIES

20/38, Sasthiri Street, Rathinapuri,

COIMBATORE - 641 027.

Tel. 9566498489,9543296441. Email ID:balaji_rohini@yahoo.co.in

GST:33AAWFM9553C1ZX.

To, Karpagam University Coimbatore	Quotation Date : 16.03.19 Enquiry No : 1031 Ref. : Oral Enquiry
--	---

Thank you very much for enquiry. Based on discussion we had with you, we have given below offer for the following. For any technical and commercial discussions please feel free to contact us.

SR.NO	DESCRIPTION	QTY.	RATE (Rs.)	TOTAL (Rs.)
01	Supply of Silex 10mm	04 bags	700/-	2800/-
02	Supply of Silex 4mm	03 bags	700/-	2100/-
03	Supply of Pebbles ½ "	04 bags	700/-	2800/-
04	Supply of Activated carbon	50 kgs	135/kg	6750/-
05	Top and bottom strainer set	04 nos	5800/set	23200/-
06	Pressure Guage back entry	01 nos	850 /-	850/-
07	Multiport valve union	01 nos	765/-	765/-
08	Micron filter Jumbo	04 nos	950/-	3800/-
09	Antiscalant for RO plant	30 kgs	365/-	10950/-
10	RO cleaning chemical	01 lot	7250/-	7250/-
11	Service charge for media unloading and reloading of filters, chemical cleaning of 3000 lph RO plant	01 set	14600/-	14600/-
			Total	75,865/-

Required plumbing items to supplied by the client.

CHEQUE PAID	
No:	225448
DATE:	30/3/19
S.:	35000/-
ALANCE:	

Less discount
R 70000/-
16/3/19 *Are pay* *R 35000/-*
21/3/19

1	Payment	:	50% advance balance after completing work
2	Price	:	Ex Cbe Godown 18% gst extra.
3	Delivery	:	Within 03 days.
4	Freight	:	To pay

For M.R.K. CHEMICAL INDUSTRIES

For P. Balaji.
V. Balaji.

CST No. : 1173201

M.R.K. Chemical Industries

Cell : 9566498489

9543296441

50, Thirunagar Colony, Kuniyamuthur, Coimbatore - 641 008.

No.

380

TAX INVOICE
CASH / CREDIT BILL

Date 01/06/17

To M/s.....KARPAGAM UNIVERSITY.....

Polachi Main Road, Coimbatore

Your Order No. PO discussion

Date 18/04/17

Our D.C. No

Date _____

S. No	Particulars	Qty	Rate Rs.	P.s.	Amount Rs.	P.s.
01	Feed pump Dhavani.	01 No	7900	00	7900	00
02	Dual filter MS Vessel FRP coated	01 No	42500	00	42500	00
03	Bucket type strainer SS/156 Housing OD 110mm X 75mm X 600mm	01 No	74250	00	74250	00
04	Bag Filter with UPVC housing 7' x 32" PP bag filter rating	01 No	64150	00	64150	00
05	UPVC plumbing items Val @	01 Lot	11400	00	11400	00
TIN No: 33531926608						
			TOTAL		210,210.00	

Rupees Two lakhs ten thousand
Two hundred and ten only

For **MRK Chemical Industries**

Authorised Signatory

TIN No. : TIN No: 33531926608
CST No. : 1173201

Cell : 99433 95246
99448 47871

MRK Chemical Industries

9566498489

50, Thirunagar Colony, Kuniamuthur, Coimbatore - 641 008.

No. 279

DELIVERY CHALLAN

Date : 01/06/17

M/s. KARPAGAM University.
Pollachi Main Road, Coimbatore

Your order / DC No. Date

Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
01	Feed pump Dharani.	01 No.
02	1/2" Bucket type strainer SS 316 housing OD 110mm x 75mm x 600mm	01 No.
03	Bag Filter with UPVC housing 7" x 32" PP bag filter 10 micron rating.	01 No

Received the above items in good condition

Signature with seal

For MRK Chemical Industries

TIN No. : TIN No: 33531926608
CST No. : 1173201

Cell : 99433 85246
99448 47871

MRK Chemical Industries

9566498489

50, Thirunagar Colony, Kuniamuthur, Coimbatore - 641 008.

No. 279

DELIVERY CHALLAN

Date: 01/06/17

M/s. KARPAGAN University.
Pollachi main Road Coimbatore.

Your order / DC No. Date
Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
01	Feed pump Dharam.	01 No.
02	3/4" Bucket type strainer SS 316 housing OD 110mm x 75mm x 600mm	01 No.
03	Bag Filler with UPVC housing 7" x 32" PS bag filter 10 micron rating.	01 No.
0		

Received the above items in good condition

Signature with seal

For MRK Chemical Industries

Advance

CHEQUE PAID

No: 235479

DATE: 18/4/17

RS: 50,000/-

BALANCE: 160210/-

CHEQUE PAID

No: 039419

DATE: 15/7/17

RS: 1,00,000/-

BALANCE: 60210/-

CHEQUE PAID

No: 039450

DATE: 24/7/17

RS: 60210/-

BALANCE: m

CST No. 1173201

M.R.K. Chemical Industries

50, Thirunagar Colony, Kuniyamuthur, Coimbatore - 641 008.

No. 204

DELIVERY CHALLAN

Date 14-06-17

To
Karpagam University
Tolache Main Road New 247 By pass Road
Coimbatore

Your order / DC No. Through Repurchase Date

Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
01	Dual Media Filter MS vessel with IRP coated inside.	01 No
02	Activated Carbon	01 lot
03	MS tank	06 bags
TIN No: 33531926608		

Received the above items in good condition

For MRK Chemical Industries

Signature with seal

03.04.2017

Submitted to Vice – Chancellor, Karpagam University.

Sir,

Sub: Quotation for Filtrations System for Treated sewage effluent for reused for flushing and washing floors.

Quotation received from M.R.K. Chemical Industries for Filtrations System for Treated sewage effluent for reused for flushing and washing floors. Enclosed herewith for further action.

II Project

12/4/17
REGISTRAR(i/c)

02
8.2017
3/4/17

Chairman

Sir, Finalized for Rs. 2,05,000/- (Rupees Two Lacs - Five thousand only) Plus Tax 14.5%.

Advance Rs. 50,000/- only. I cheque released along with it.

12/4/17

CHEQUE PAID
No: 235479
DATE: 18/4/17
Rs. 50,000/-
BALANCE:

Hours it can be operation.

① 6000 litre per hour.

② Continuous operation only

12/4/17

12.4.17
All Party Rs 5000/- advance.

M.R.K. CHEMICAL INDUSTRIES

20, Sasthiri Street, Rathinapuri, Coimbatore-641027.

Ph: 95664 98489/ 95432 96441. Email: balaji_rohini@yahoo.co.in

TIN NO: 33531726608 / CST: 1173201

March, 31, 2017

CBE/01731/WTP/12-17

To,

Karpagam University,

Coimbatore.

SUB: **Requirement of filtrations system for Treated sewage effluent for reused for flushing and washing floors.**

Dear Sir,

Please find below our techno-commercial offer for your ready reference.

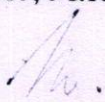
Filtrations Plant has designed for the output capacity of 6000lph

We hope that the enclosed proposal is in line to your requirement.

Please feel free to contact us for any clarification.

Thanks and Regards.

For, M.R.K. CHEMICAL INDUSTRIES


V. Balaji

(M): 9566498489, 9543296441.

COMPANY PROFILE:

M.R.K. CHEMICAL INDUSTRIES has successfully ventured into the arena of Water and Waste Water Treatment Solutions. The company is actively engaged into the business of Manufacturing and Supplying of Domestic and Industrial Systems like Drinking Water Systems, Reverse Osmosis Plants, Demineralization Plants, Water Softeners, Industrial Water Treatment Plants, Effluent Treatment Plants, Sewage Treatment Plants, MBBR Based Systems and all kind of other membrane based systems.

In addition to this, the company also provides *After Sales Services* that include Spares supply along with Complete Operation & Maintenance contracts.

Adopting Ethical business practices, the company has carved a niche as the trustworthy Sewage Treatment Plant Manufacturer and Supplier in India. Rendering quality products and prompt services, the company has also raised the bars of customers' satisfaction. Providing advantageous deals to prestigious clients the company has attained an edge over its competitors.

Infrastructure

Our state-of-the-art infrastructure, manufacturing based in South India at Coimbatore, is backed with technologically advanced tools and machineries that assist in the quality and quantity production of Industrial Water Systems. The robust infrastructural base has also played a vital role in the consistent growth of the company even in the tough market situations.

Quality Assurance

Owing to the dictum to serve quality products, various stringent quality tests are conducted under the supervision of our quality control executives. For fuller assurance of the quality, the tests are performed from the very initial stage of deployment of raw materials in the processing unit to the final stage of launch of end products in the market.

Treatment Scheme:

Supply of water from final Treated sewage effluent (TSE) tank at a pressure of 3.0 Kg/cm² ----- Dual media filter ----- SS 316 housing bucket type filter ----- UPVC Bag filter with housing ----- UV treatment (client scope)----- To storage tank client scope.

Scope of supply

One: TSE water feed pump ✓

One: Dual media filter fabricated with MS vessel frp coated inside the vessel loaded 75 litres of media. ✓

One: Bucket type strainer SS 316 housing SS 316 element OD 110 mmx75mmx600mm. ✓

One: Bag filter with UPVC housing 7"x32 PP bag filter 10 micron rating. ✓

Termination Points:

- Inlet Connection to raw water feed pump.
- Outlet nozzle of Filtrations Plant.
- Drain Outlets.
- **INCLUSIONS / EXCLUSIONS**
- The price, along with equipment's and accessories, also includes supervision of assembling.
- - Start up, commissioning and final test by a specialized technician. All consumables are to be supplied by the customer.
- - Training of personnel destined to plant management and informative support to the customer during works execution in order to carry them out in the best way

Price: Our price for Design Engineering and Supply of water treatment plant as explained above will be **Rs. 2,44,500/- (Rupees Two Lakhs and Forty four thousand and five hundred only)**.

2,05,000/- (Two lakhs and five thousand only). ✓

The above prices are Ex Coimbatore godown

Taxes as applicable extra on the above price 14.5%

Freight will be despatched on freight TO-Pay basis from our Coimbatore godown and transit insurance for the consignment will have to be arranged by the purchaser. //

Payment Terms: 60% as advance payable along with the P.O. and 20% against proforma invoice prior to despatch and balance 20% after completion of work.

Supervision of Erection & Commissioning: At M.R.K. scope.

All necessary labour, tools, tackles etc will have to be provided by you. Similarly all necessary Civil as well as necessary electrical works like cabling provision of starters etc will be to your scope.

Delivery: Within One month from the date of receipt of your technically and commercially clear P.O. with advance payment.

Validity: 30 days.

Warranty: One year warranty for purchased plant.

We look forward to your valued order.

Assuring you of our best attention and prompt services, we remain.



KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University Established Under Section 3 of the UGC Act 1956)

Phone : 0422 - 6453777, 6471113-5
Fax : 0422 - 2980022, 23
Email : info@karpagam.com
Web : www.kahedu.edu.in

Pollachi Main Road,
Eachanari Post
Coimbatore - 641 021
Tamilnadu, INDIA.

PURCHASE ORDER

M/S M.R.K.CHEMICAL INDUSTRIES
20/33, SASTHIRI STREET,
COIMBATORE - 027

ORDER NO. : KAHE/17 - 18 / 70

DATE : 17.11.17

AREA : KAHE

Sub : Supply of Erection & Commissioning of Effluent Treatment Plant - Reg.

We hereby place our order for the following items as per our Terms. Our Purchase order number is to be mentioned in your Invoice, Delivery Challan and Invoice Documents.

S.No.	Description of Item	Quantity	Unit	Unit Rate	Total
1	DESIGN SUPPLY, ERECTION & COMMISSIONING OF EFFLUENT TREATMENT PLANT - WITH STANDBY ARRANGEMENT EQUIPMENTS FOR A CAPACITY OF 250KLD. MICROFILTER OF 13000 LTR PER HOUR SPECIFICATION AS PER ANNEXURE I	1	NO	1012000	1012000.00
	EQUIPMENTS DETAILS AS PER ANNEXURE II				
2	ERECTION & COMMISSIONING				

CHEQUE PAID
 No: 561053
 DATE: 11/7/19
 Rs.: 100000/-
 BALANCE: 193686/-

TOTAL 1012000.00
 LESS: DISCOUNT @ 10% 101200.00
TOTAL 910800.00
 GST (CGST+SGST) @ 18% 163944.00
Total - A 1074744.00
Total - B 25000.00
 Round off 0.00
TOTAL (A+B) 1099744.00

Rs. 10,99,744.00 Rupees Ten Lakh Ninety Nine Thousand Seven Hundred and Forty Four Only

Delivery Schedule : 6 Week From The Date of Purchase Order With Advance For Equipments.

6 Week From The Date of Supply/Against Our Civil Work For Erection of Equipments

Delivery Point : As Above Address

Warranty : 1 Year from the Date of Installation for Equipments

Payment Terms : 1. For Equipments : 50% Advance Against Order, 25% Upon Delivery 25% After Installation

2. For Erection & Commissioning : 50% Against Completion of Installation 50% Against Commissioning

Insurance & Transport : Included

Remarks :

CHEQUE PAID
 No: 034461
 DATE: 17/11/17
 Rs.: 537,372/-
 BALANCE: 537,372/-

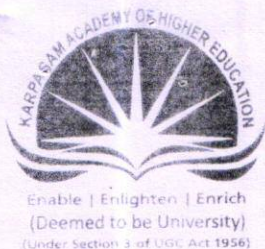
for KARPAGAM ACADEMY OF HIGHER EDUCATION

Authorised Signatory

CHEQUE PAID
 No: 223103
 DATE: 11/1/19
 Rs.: 268686/-

PO copy received on 20/11/17

956649848



KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University Established Under Section 3 of the UGC Act 1956)

Phone : 0422 - 6453777, 6471113-5
Fax : 0422 - 2980022, 23
Email : info@karpagam.com
Web : www.kahedu.edu.in

Pollachi Main Road,
Eachanari Post
Coimbatore - 641 021
Tamilnadu, INDIA.

ANNEXURE - I

A.DESIGN BASICS

S.NO	PARTICULARS	
1	PLANT CAPACITY	250 KLD
2	OPERATION HRS	20HRS
3	DESIGNED FLOW RATE	12.5KL/HR

B.RAW EFFLUENT CHARACTERISTICS

DESIGN ON THE FOLLOWING RAW EFFLUENT PARAMETERS

S.NO	PARAMETER	UNIT	RAW EFFLUENT ANALYSIS VALUE
1	PH	-	6.0 - 8.0
2	BOD	MG/L	< 350
3	TOTAL SUSPENDED SOLIDS	MG/L	< 300

C.TREATED WATER QUALITY

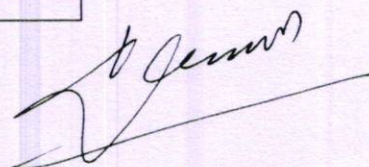
THE TREATED WATER SHALL MEET THE TAMILNADU POLLUTION CONTROL BOARD STANDARDS

S.NO	PARAMETER	UNIT	RAW EFFLUENT ANALYSIS VALUE	TNPCB NORMS
1	PH	-	6.0 - 8.0	5.5 - 9.0
2	BOD	MG/L	< 20	< 20
3	TOTAL SUSPENDED SOLIDS	MG/L	< 30	< 30

ANNEXURE - II

EQUIPMENTS DETAILS

STP		
1.SCREEN CHAMBER		
	MAKE	MRK
	MOC	SS MESH WITH MS FRAME
	QUANTITY	ONE
2.RAW EFFLUENT TRANSFER PUMP		
	MAKE	KIRLOSKAR
	TYPE	MONOBLOC TYPE
	DISCHARGE IN CUM/HR	12.5M3/HR
	TOTAL HEAD IN METER	10 METER
	RATING IN HP / KW	2HP 1.5KW
	MOC	CL
	QUANTITY	ONE
3.SLUDGE TRANSFER PUMP		
	MAKE	KIRLOSKAR
	TYPE	MONOBLOC TYPE
	DISCHARGE IN CUM/HR	12.5M3/HR
	TOTAL HEAD IN METER	10 METER
	RATING IN HP / KW	2HP 1.5KW
	QUANTITY	ONE
4. AIR BLOWER		
	MAKE	AIRVAK/EVEREST
	TYPE	TWIN LOBE
	DISCHARGE IN CUM/HR	120M3/HR
	PRESSURE	0.35 KG/CM2
	QUANTITY	ONE
5.METER FOR AIR BLOWER		
	MAKE	KIRLOSKAR/EQUIVALENT
	RPM	RECOMMENDED AS PER BLOWER SUPPLIER
	RATING IN HP / KW	RECOMMENDED AS PER BLOWER SUPPLIER
	QUANTITY	ONE
6.SETTLING WELL		
	CLARIFIER	MRK CLARIFIER
	TUBE SHEEL	MS FRP COATED 600MMX1500MM
		WITH GEAR BOX RACKER ARM AND SHAFT ARRANGEMENT
	SUPPORTING ARRANGEMENTS ON TOP OF SETTLING TANK	1 LOT
	MOC	MS WITH EPOXY
	QUANTITY	1 NO
7.FILTER FEED PUMP		
	MAKE	KIRLOSKAR
	TYPE	MONOBLOC TYPE
	DISCHARGE IN CUM/HR	12.5M3/HR
	TOTAL HEAD IN METER	10 METER
	RATING IN HP / KW	2HP 1.5KW
	QUANTITY	ONE



KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University Established Under Section 3 of the UGC Act 1956)

Phone : 0422 - 6453777, 6471113-5
 Fax : 0422 - 2980022, 23
 Email : info@karpagam.com
 Web : www.kahedu.edu.in

Pollachi Main Road,
 Eachanari Post
 Coimbatore - 641 021
 Tamilnadu, INDIA.

8.PRESSURE SAND FILTER

MAKE	MRK
TYPE OF THE VESSEL	VERTICAL PRESSURE VESSEL
FLOW RATE	12.5CUM/HR
MATERIAL OF CONSTRUCTION	MS WITH EPOXY PAINTING
MODEL	MRK FILTER
SERVICE CYCLE	8 HRS
BACKWASH DURATION	10 MIN
FILTER MEDIA	PEBBLES AND GRADED SAND
VALVE TYPE	BUTTERFLY TYPE
QUANTITY	ONE

9.ACTIVATED CARBON FILTER

MAKE	MRK
TYPE OF THE VESSEL	VERTICAL PRESSURE VESSEL
FLOW RATE	12.5CUM/HR
MATERIAL OF CONSTRUCTION	MS WITH EPOXY PAINTING
MODEL	MRK FILTER
SERVICE CYCLE	8 HRS
BACKWASH DURATION	10 MIN
FILTER MEDIA	PEBBLES, GRADED SAND AND ACTIVATED CARBON
VALVE TYPE	BUTTERFLY TYPE
QUANTITY	ONE

10.UV TREATMENT

MAKE	MRK
FLOW RATE	12.5 LTRS/HR
NO OF BULBS	6 UV BULBS
MOC	SS304
TYPE	ON LINE
PANEL	ONE SET
QUANTITY	ONE

11.PLUMBING WORKS

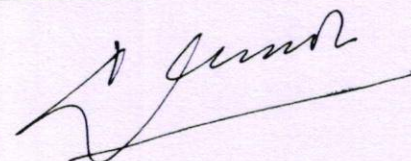
MAKE	ASTRAL/SUPREME MS
MOC	PVC AND UPVC
AREA	INTER CONNECTING PUMPS, REQUIRED VALVES, AIR DISTRIBUTION FOR AERATION TANK

12.ELECTRICAL WORKS

PANEL BOARD	1 NO
WIRING FROM PANEL BOARD TO OUR SUPPLIED EQUIPMENTS	1 LOT
MAKE	PANEL BOARD MRK AND CABLE FINOLEX

13.ELECTRICAL POWER REQUIREMENTS

DESCRIPTION	WORKING KW	STAND BY KW	TOTAL INSTALLED KW
EFFLUENT TRANSFER PUMP	1.5	----	1.5
SLUDGE TRANSFER PUMP	1.5	----	1.5
MOTOR FOR AIR BLOWER	---	----	---
FILTER FEED PUMP	1.5	----	1.5
UV	0.75	----	0.75



(Draft)

PURCHASE ORDER

M/S M.R.K.CHEMICAL INDUSTRIES
20/38,SASTHIRI STREET,
COIMBATORE - 027

ORDER NO. : KU/17 - 18 /
DATE : 16.11.17
AREA : KU

Sub : Supply of Erection & Commissioning of Effluent Treatment Plant - Reg.

We hereby place our order for the following items as per our Terms. Our Purchase order Number is to be mentioned in your Invoice, Delivery Challan and Invoice Documents.

S.No.	Description of Item	Quantity	Unit	Unit Rate	Total
1	DESIGN SUPPLY, ERECTION & COMMISSIONING OF EFFLUENT TREATMENT PLANT - WITH STANDBY ARRANGEMENT EQUIPMENTS FOR A CAPACITY OF 250KLD RWS MICROFILTER OF 13000 LTR PER HOUR .	1	NO	1012000	1012000.00
	SPECIFICATION AS PER ANNEXURE I			TOTAL	1012000.00
				LESS:DISCOUNT@10%	101200.00
	EQUIPMENTS DETAILS AS PER ANNEXURE II			TOTAL	910800.00
				GST (CGST+SGST) @18%	163944.00
				Total - A	1074744.00
2	ERECTION & COMMISSIONING				25000.00
				TOTAL - B	25000.00
				Round off	0.00
				TOTAL (A+B)	1099744.00

Rupees Ten Lakh Ninety Nine Thousand Seven Hundred and Forty Four Only

Delivery Schedule : 6 Week From The Date of Purchase Order With Advance For Equipments.
6 Week From The Date of Supply/Against Our Civil Work For Erection of Equipments

Delivery Point : As Above Address

Warranty : 1 Year from the Date of Installation for Equipments ^{50%} 25%.

Payment Terms : 1.For Equipments ^{50%} 40% Advance Against Order, ^{25%} 50% Upon Delivery
^{25%} 10% After Installation

2 .For Erection & Commissioning : 50% Against Completion of Installation
50% Against Commissioning ~~within 10 days~~

Insurance & Transport : Included

Remarks :

for KARPAGAM UNIVERSITY

Authorised Signatory

ANNEXURE - I

A.DESIGN BASICS

S.NO	PARTICULARS	
1	PLANT CAPACITY	250 KLD
2	OPERATION HRS	20HRS
3	DESIGNED FLOW RATE	12.5KL/HR

B.RAW EFFLUENT CHARACTERISTICS

DESIGN ON THE FOLLOWING RAW EFFLUENT PARAMETERS

S.NO	PARAMETER	UNIT	RAW EFFLUENT ANALYSIS VALUE
1	PH	-	6.0 - 8.0
2	BOD	MG/L	< 350
3	TOTAL SUSPENDED SOLIDS	MG/L	< 300

C.TREATED WATER QUALITY

THE TREATED WATER SHALL MEET THE TAMILNADU POLLUTION CONTROL BOARD STANDARDS

S.NO	PARAMETER	UNIT	RAW EFFLUENT ANALYSIS VALUE	TNPCB NORMS
1	PH	-	6.0 - 8.0	5.5 - 9.0
2	BOD	MG/L	< 20	< 20
3	TOTAL SUSPENDED SOLIDS	MG/L	< 30	< 30

ANNEXURE - II

EQUIPMENTS DETAILS

STP		
1.SCREEN CHAMBER		
	MAKE	MRK
	MOC	SS MESH WITH MS FRAME
	QUANTITY	ONE
2.RAW EFFLUENT TRANSFER PUMP		
	MAKE	KIRLOSKAR
	TYPE	MONOBLOC TYPE
	DISCHARGE IN CUM/HR	12.5M3/HR
	TOTAL HEAD IN METER	10 METER
	RATING IN HP / KW	2HP 1.5KW
	MOC	CL
	QUANTITY	ONE
3.SLUDGE TRANSFER PUMP		
	MAKE	KIRLOSKAR
	TYPE	MONOBLOC TYPE
	DISCHARGE IN CUM/HR	12.5M3/HR
	TOTAL HEAD IN METER	10 METER
	RATING IN HP / KW	2HP 1.5KW
	QUANTITY	ONE
4. AIR BLOWER		
	MAKE	AIRVAK/EVEREST
	TYPE	TWIN LOBE
	DISCHARGE IN CUM/HR	120M3/HR
	PRESSURE	0.35 KG/CM2
	QUANTITY	ONE
5.METER FOR AIR BLOWER		
	MAKE	KIRLOSKAR/EQUIVALENT
	RPM	RECOMMENDED AS PER BLOWER SUPPLIER
	RATING IN HP / KW	RECOMMENDED AS PER BLOWER SUPPLIER
	QUANTITY	ONE
6.SETTLING WELL		
	CLARIFIER	MRK CLARIFIER
	TUBE SHEEL	MS FRP COATED 600MMX1500MM
		WITH GEAR BOX RACKER ARM AND SHAFT ARRANGEMENT
	SUPPORTING ARRANGEMENTS ON TOP OF SETTLING TANK	1 LOT
	MOC	MS WITH EPOXY
	QUANTITY	1 NO
7.FILTER FEED PUMP		
	MAKE	KIRLOSKAR
	TYPE	MONOBLOC TYPE
	DISCHARGE IN CUM/HR	12.5M3/HR
	TOTAL HEAD IN METER	10 METER
	RATING IN HP / KW	2HP 1.5KW
	QUANTITY	ONE

8.PRESSURE SAND FILTER

MAKE	MRK
TYPE OF THE VESSEL	VERTICAL PRESSURE VESSEL
FLOW RATE	12.5CUM/HR
MATERIAL OF CONSTRUCTION	MS WITH EPOXY PAINTING
MODEL	MRK FILTER
SERVICE CYCLE	8 HRS
BACKWASH DURATION	10 MIN
FILTER MEDIA	PEBBLES AND GRADED SAND
VALVE TYPE	BUTTERFLY TYPE
QUANTITY	ONE

9.ACTIVATED CARBON FILTER

MAKE	MRK
TYPE OF THE VESSEL	VERTICAL PRESSURE VESSEL
FLOW RATE	12.5CUM/HR
MATERIAL OF CONSTRUCTION	MS WITH EPOXY PAINTING
MODEL	MRK FILTER
SERVICE CYCLE	8 HRS
BACKWASH DURATION	10 MIN
FILTER MEDIA	PEBBLES, GRADED SAND AND ACTIVATED CARBON
VALVE TYPE	BUTTERFLY TYPE
QUANTITY	ONE

10.UV TREATMENT

MAKE	MRK
FLOW RATE	12.5 LTRS/HR
NO OF BULBS	6 UV BULBS
MOC	SS304
TYPE	ON LINE
PANEL	ONE SET
QUANTITY	ONE

11.PLUMBING WORKS

MAKE	ASTRAL/SUPREME MS
MOC	PVC AND UPVC
AREA	INTER CONNECTING PUMPS, REQUIRED VALVES, AIR DISTRIBUTION FOR AERATION TANK

12.ELECTRICAL WORKS

PANEL BOARD	1 NO
WIRING FROM PANEL BOARD TO OUR SUPPLIED EQUIPMENTS	1 LOT
MAKE	PANEL BOARD MRK AND CABLE FINOLEX

13.ELECTRICAL POWER REQUIREMENTS

DESCRIPTION	WORKING KW	STAND BY KW	TOTAL INSTALLED KW
EFFLUENT TRANSFER PUMP	1.5	----	1.5
SLUDGE TRANSFER PUMP	1.5	----	1.5
MOTOR FOR AIR BLOWER	---	----	
FILTER FEED PUMP	1.5	----	1.5
UV	0.75	----	0.75

(Draft) *Specifications* *As per Annexure - I* *Specifications* *Equipment details* *As per Annexure - II* PURCHASE ORDER

M/S M.R.K.CHEMICAL INDUSTRIES
20/38,SASTHIRI STREET,
COIMBATORE - 027

ORDER NO. : KU/17 - 18/
DATE : 16.11.17
AREA : KU

Sub : Supply of Erection & Commissioning of Effluent Treatment Plant - Reg.

We hereby place our order for the following items as per our Terms. Our Purchase order Number is to be mentioned in your Invoice, Delivery Challan and Invoice Documents.

S.No.	Description of Item	Quantity	Unit	Unit Rate	Total
1	DESIGN SUPPLY, ERECTION & COMMISSIONING OF EFFLUENT TREATMENT PLANT - STANDBY ARRANGEMENT EQUIPMENTS - NOT FITTED	1	NO	1012000	1012000.00
	<p><i>For a capacity of 250 KLD.</i> <i>+ Micro filter of 13000 LPH</i></p>			TOTAL	1012000.00
				LESS:DISCOUNT@10%	101200.00
				TOTAL	910800.00
				GST (CGST+SGST) @18%	163944.00
				Total - A	1074744.00
2	ERECTION & COMMISSIONING				25000.00
				TOTAL - B	25000.00
				Round off	0.00
				TOTAL (A+B)	1099744.00

Rupees Ten Lakh Ninety Nine Thousand Seven Hundred and Forty Four Only

Delivery Schedule : Immediate

Delivery Point : As Above Address

Warranty : 1 Year from the Date of Installation for Equipments

Payment Terms : 1.For Equipments : ^{40%}~~50%~~ Advance Against Order, ^{50%}~~40%~~ Against Proforma Invoice

2.For Erection & Commissioning : 50% Against Completion of Installation

50% Against Commissioning within 10days

Insurance & Transport : Extra

Remarks :

for KARPAGAM UNIVERSITY

Authorised Signatory

10% after installation

4. Unloading, Handling and safe storage of the material at site.
5. Main cable to our Panel Board.
6. Man power to assist our chemist for commissioning of plant
7. All supplies, works and services not specifically mentioned as forming part of our offer.

Annexure VI

Commercial Terms

Scope of work	:	Design supply, Erection and Commissioning of Effluent Treatment plant
Price for Equipments	:	Rs. 8,84,000/- (Rupees Eight Lakhs and eighty four thousand only) without standby. And for standby Arrangement it is Rs. 10,12,000/- (Rupees ten Lakhs and twelve thousand only).
Price for Erection and Commissioning	:	Rs. 25000/- (Rupees Twenty five thousand only)
Payment terms for Equipments supply	:	60% advance 40% Against proforma invoice
Payment terms for Erection and commissioning	:	50% against completion of installation 50% against commissioning within 10 days
Taxes	:	For Supply of Equipments: GST – 18% extra
Insurance	:	Excluded Included ✓
Transport	:	Excluded ✓
Time schedule	:	8 weeks from the date of purchase order with advance For equipments supply. 6 weeks from the date of supply, or against your civil work for erection of equipments
Warranty	:	12 months from the date of supply of equipments
Offer validity	:	30 days from the date of this offer

1312 / PH
MICRO FILTER
+ Standby

10,12,000
5% Discont
10/0

TIN No. : 33531726608
CST No. : 1173201

GST # 33AAWFM9553C12X.

Cell : 9566498489
9543296441

M.R.K. Chemical Industries

50, Thirunagar Colony, Kuniamuthur, Coimbatore - 641 008.

7.

No. 002

DELIVERY CHALLAN

Date: 14/3/18

M/s. KARPAGAM Academy of Higher Education
Pollachi Main Road & Channani Post Guikatore,
641021.

Your order / DC No. KAHE / 17-18 / 70 Date 17/11/17

Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
01	Dual Media Filter MS Vessel only.	01 MS Vessel.
Received the above items in good condition 14/3/18		For MRK Chemical Industries M.
Signature with seal		

paid
Rs. 268686/-

TIN No. : P.P.X
GST No. : 33AAWFN9553C1Zx

Cell : 99433 95246
99448 47871

MRK Chemical Industries

50, Thirunagar Colony, Kuniamuthur, Coimbatore - 641 008.

No. 289

DELIVERY CHALLAN

Date : 18/12/17

M/s. Karapagam Academy of Higher Education
Pottachi main Road, Echanari Post, Coimbatore - 641 021.

Your order / DC No. K.A.H.E./17-18/70 Date 17/11/17.

Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
01.	model - SPOM, make : Kirloskar	2 No's
02.	model - SP-1HM, make : Kirloskar	2 No's
03.	model - KDS 212+, make : Kirloskar	2 No's
	/	/

Received the above items in good condition

Signature with seal

[Signature]
18/12/17

For MRK Chemical Industries

[Signature]

TIN No. P.P.F.
GST No. 33AAWFM9553C1Zx

Cell : 99433 95246
99448 47871

MRK Chemical Industries

50, Thirunagar Colony, Kuniyamuthur, Coimbatore - 641 008.

No. 291

DELIVERY CHALLAN

Date: 19/12/17

M/s. Karpagam Academy of Higher Education
Pothachi main Road, Echandi Post, Coimbatore - 641 021

Your order / ~~DO~~ No. K.A.H.E. / 17-18/70 Date 17/11/17
Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
01.	Air Blower Model 44AC Complete With All STD - Accessories 5 HP motor.	2 No's
	/	/

Received the above items in good condition

Signature with seal

[Signature]
19/12/17

For MRK Chemical Industries

P.P.F.

TIN No. :
GST No. : 33AA WFM 9553C12X

Cell : 99433 95246
99448 47871

MRK Chemical Industries

50, Thirunagar Colony, Kuniamuthur, Coimbatore - 641 008.

No. 296

DELIVERY CHALLAN

Date : 30/1/18

M/s. Karpagam Academy of Higher Education
Pattachi main Road, Echanar Patti, Coimbatore - 641 021

Your order / DC No. KAH/17-18/70 Date 17/11/17

Kindly receive the following goods in order and return the duplicate copy duly signed.

Sl. No.	Particulars	Quantity
1.	TSE PUMP KRISHNA	1 NO'S
2.	BUCKET Lifter stander SS Housing	1 NO'S
3	BAG Filter with UPVC Housing	1 NO'S

Received the above items in good condition

Signature with seal

For MRK Chemical Industries

P.P.X.

REPORT OF ENVIRONMENTAL AND GREEN AUDIT

**KARPAGAM ACADEMY OF HIGHER EDUCATION (KAHE)
DEEMED TO BE UNIVERSITY
COIMBATORE – 641 021**

DATE : 28.05.2020

**Submitted by
RM.MAYILERU
ACCREDITED ENERGY AUDITOR – AEA-0041
RM.MAYILERU & CO.,
256, 3rd STREET,
GANDHIPURAM,
COIMBATORE – 641 012
PH: 0422 2497455, 2494942**

4.1 Water Management:

i. Observations

There are 7 bore wells in the campus. 4 Nos. of Over Head tanks of each 190000 liters capacity and 3 Nos. of Sumps of 55000 liters capacity.

Athikadavu drinking water of 37500 liters used per day by KAHE.

RO – 5000 liters per day.

WATER ANALYSIS REPORT

Name of the sample : Drinking water
Source : RO Outlet Water
Date of collection : 28.02.2020
Quantity of sample : 2.0 liters.

S. No	TEST PARAMETERS	UNIT	TEST METHODS	TEST RESULTS	Acceptable Limit (IS:10500:2012)
1	Colour	HAZEN	APHA 22 nd Edn 2120 C	0.0	5.0
2	Odour	...	IS 3025 PART 05-1983 RA 2012	Agreeable	Agreeable
3	Electrical Conductivity	µs/cm	IS 3025 PART 14-1984 RA 2013	114.0	...
4	Turbidity	NTU	IS 3025 PART 10-1984 RA 2012	0.0	1.0
5	pH @ 25°C	...	IS 3025 PART 11-1983 RA 2012	7.69	6.5 – 8.5
6	Total suspended solids (TSS)	mg/l	IS 3025 PART 17-1984 RA 2012	BDL (D.L:1.0)	...
7	Total dissolved solids (TDS)	mg/l	IS 3025 PART 16-1984 RA 2012	73.0	500
8	Total Alkalinity	mg/l	IS 3025 PART 23-1986 RA 2014	34.10	200
9	Total hardness(as CaCO ₃)	mg/l	IS 3025 PART 21-1983 RA 2014	38.46	200
10	Chlorides (as Cl)	mg/l	IS 3025 PART 32-1988 RA 2014	12.59	250
11	Sulphate (as SO ₄)	mg/l	IS 3025 PART 24-1986 RA 2014	2.13	200
12	Calcium (as Ca)	mg/l	IS 3025 PART 40-1991 RA 2014	6.16	75
13	Magnesium (as Mg)	mg/l	APHA 22 nd Edn 3500 (Mg) B	5.60	30
14	Iron (as Fe)	mg/l	IS 3025 PART 53-2003 RA 2014	BDL (D.L:0.1)	0.3
15	Nitrate (as NO ₃)	mg/l	APHA 22 nd Edn 4500 (NO ₃) B	0.37	45
16	Fluoride (as F)	mg/l	APHA 22 nd Edn 4500 (F) D	BDL(D.L:0.1)	1.0
17	Total Coliform / 100 ml)	CFU	IS 1622 / 1996	Absent	Absent

Comments : The results indicate that the water is physical, chemical & biologically suitable for potable with respect to the parameters tested.

WATER ANALYSIS REPORT

Name of the sample: Drinking water
 Source : Athikadavu Water
 Date of collection : 28.02.2020
 Quantity of sample : 2.0 liters.

S. No	TEST PARAMETERS	UNIT	TEST METHODS	TEST RESULTS	Acceptable Limit (IS:10500:2012)
1	Colour	HAZEN	APHA 22 nd Edn 2120 C	0.0	5.0
2	Odour	...	IS 3025 PART 05-1983 RA 2012	Agreeable	Agreeable
3	Electrical Conductivity	µs/cm	IS 3025 PART 14-1984 RA 2013	109.0	...
4	Turbidity	NTU	IS 3025 PART 10-1984 RA 2012	0.0	1.0
5	pH @ 25°C	...	IS 3025 PART 11-1983 RA 2012	7.49	6.5 – 8.5
6	Total suspended solids (TSS)	mg/l	IS 3025 PART 17-1984 RA 2012	BDL (D.L:1.0)	...
7	Total dissolved solids (TDS)	mg/l	IS 3025 PART 16-1984 RA 2012	71.0	500
8	Total Alkalinity	mg/l	IS 3025 PART 23-1986 RA 2014	38.0	200
9	Total hardness(as CaCO ₃)	mg/l	IS 3025 PART 21-1983 RA 2014	33.10	200
10	Chlorides (as Cl)	mg/l	IS 3025 PART 32-1988 RA 2014	14.04	250
11	Sulphate (as SO ₄)	mg/l	IS 3025 PART 24-1986 RA 2014	2.39	200
12	Calcium (as Ca)	mg/l	IS 3025 PART 40-1991 RA 2014	11.45	75
13	Magnesium (as Mg)	mg/l	APHA 22 nd Edn 3500 (Mg) B	1.10	30
14	Iron (as Fe)	mg/l	IS 3025 PART 53-2003 RA 2014	BDL (D.L:0.1)	0.3
15	Nitrate (as NO ₃)	mg/l	APHA 22 nd Edn 4500 (NO ₃) B	0.49	45
16	Fluoride (as F)	mg/l	APHA 22 nd Edn 4500 (F) D	BDL(D.L:0.1)	1.0
17	Total Coliform / 100 ml)	CFU	IS 1622 / 1996	Absent	Absent

Comments : The results indicate that the water is physical, chemical & biologically suitable for potable with respect to the parameters tested.

WATER ANALYSIS REPORT

Name of the sample : Borewell water
Source : Borewell water
Date of collection : 28.02.2020
Quantity of sample : 2.0 liters.

S. No	TEST PARAMETERS	UNIT	TEST METHODS	TEST RESULTS
1	Colour	HAZEN	APHA 22 nd Edn 2120 C	0.0
2	Odour	...	IS 3025 PART 05-1983 RA 2012	Agreeable
3	Electrical Conductivity	µs/cm	IS 3025 PART 14-1984 RA 2013	1753.0
4	Turbidity	NTU	IS 3025 PART 10-1984 RA 2012	0.0
5	pH @ 25°C	...	IS 3025 PART 11-1983 RA 2012	7.0
6	Total suspended solids (TSS)	mg/l	IS 3025 PART 17-1984 RA 2012	BDL (D.L:2.0)
7	Total dissolved solids (TDS)	mg/l	IS 3025 PART 16-1984 RA 2012	1223.0
8	Total Alkalinity	mg/l	IS 3025 PART 23-1986 RA 2014	289.0
9	Total hardness(as CaCO ₃)	mg/l	IS 3025 PART 21-1983 RA 2014	613.18
10	Chlorides (as Cl)	mg/l	IS 3025 PART 32-1988 RA 2014	474.0
11	Sulphate (as SO ₄)	mg/l	IS 3025 PART 24-1986 RA 2014	70.78
12	Calcium (as Ca)	mg/l	IS 3025 PART 40-1991 RA 2014	108.35
13	Magnesium (as Mg)	mg/l	APHA 22 nd Edn 3500 (Mg) B	83.3
14	Iron (as Fe)	mg/l	IS 3025 PART 53-2003 RA 2014	BDL (D.L:0.1)
15	Nitrate (as NO ₃)	mg/l	IS 3025 PART 34-1988 RA 2014	9.20
16	Fluoride (as F)	mg/l	APHA 22 nd Edn 4500 (F) D	0.19

B.D.L : Below Detectable Limit, NTU : Nephelometric Turbidity Unit, D.L : Detectable Limit.

ii. Recommendations

The drinking water quality is good and needs to be maintained by monthly tests to avoid any outbreak or diseases.