

Customer Name & address : Smr. K B Abad Hom Med College &
R.P Chordiya Hospital
(SHRI NEMINATH JAIN RAMCHARYASHRAM)
Chandwad, Dist. Nashik
Product Name : Common Sewage Treatment Plant
Product Capacity : 5 KL/Day.
Concern Officer : MR. KHAIRE SIR

Respected Sir,

We have done Erection & Commissioning of Sewage water treatment plant as below given steps -

- Raw Sewage effluent pump up and lifting untreated effluent to Bio - Reactor cum settler tank capacity - approx. 5,000 liters for treatment.
- After taken effluent we started Air Blower for diffuse aeration for Biological treatment and carried on max. 12 Hrs
- After that we stopped air blower and entire batch holding for settling purpose for max. 3Hrs.
- After sufficient time of settling we removed clear supernatant effluent is pumped to Pressure sand filter & Activated Carbon filter with the help of filter feed pump. Simultaneously sodium hypochlorite dosing (1%) was started for disinfection process with the help of Dosing pump.
- The clear supernatant effluent is pumped to the Pressure sand filter & Activated Carbon Filter for removal of turbidity, color, odor and suspended solids. After filtration, we reused treated water to Urinal flushing, Gardening & agriculture, etc.
- We observed entire batch was ok and taken samples for Lab testing purpose.
- We found final water pH 7.0 it was not Objectionable, odor free, and clear.
- We observed during commissioning all equipments and pumps are working properly.
- No major and minor maintenance on site.
- We have given training to your operators & Staff members.

Date: 22/01/2021

Thanking you,
Kare Vasant

For Aditi Enterprises,
Plot No. A-20, MIDC, Satpur,
Nashik - 422007

SHRI'S SHRI R.P. CHORDIYA HOSPITAL, CHANDWAD	
INWARD NO.	133
INWARD DT.	22/01/2021
SIGN.	



PURCHASE ORDER

REF : SNJB/ HOSP/ 20-21/ 65

DATE : 25/ 11/ 2020

ADITI ENTERPRISES,
PLOT NO. A-20, NICE AREA,
WATERLOO, NASHIK - 422 007.

SUB. : PURCHASE ORDER FOR SEWAGE & EFFLUENT TREATMENT PLANT AT OUR HOSPITAL.
REF. : YOUR REVISED QUOTATION NO. NIL DT. 23.11.2020

Sir,

With reference to above subject, we are pleased to release the purchase order for our Shri. R. P. Chordiya Hospital to install **SEWAGE TREATMENT PLANT & EFFLUENT TREATMENT PLANT** at our hospital as per the terms & conditions given below.

SR. NO.	DESCRIPTION	MAKE	QTY.	RATE	AMOUNT
01	Sewage Treatment Plant & Effluent Treatment Plant	As per the attached quotation detail. (Revised quotation of 23.11.2020)		436440/-	436440.00
			GST @ 18%		78559.20
TOTAL (514999.20)					515000.00

TERMS & CONDITIONS

- 1) Price : ALL INCLUSIVE (FREIGHT/ LOADING/ UNLOADING ETC.)
- 2) GST : 18%
- 3) Delivery : FOR Chandwad
- 4) Payment : Rs. 115000/- advance & 5 % Security deposit on total billing amount for 6 Month & Remaining payment after installation & Completion of work.
- 5) Warranty & Guaranty : ---
- 6) Any Other Term/s : ---

Please acknowledge the receipt & send us the duplicate copy of the purchase order duly signed in token of acceptance. Please mention our Purchase Order no. & Date in your invoice & delivery challan.

Thanking you.

Yours faithfully,

Principal
Smt. K.B.Abad Homoeopathic
Medical College & Shri.R.P.
Chordiya Hospital, Neminagar
Chandwad (Nashik)

Copy to : 1) A/C's Dept. 2) Store Dept. 3) Concern Dept.

ADITI ENTERPRISES

ETP, STP Manufacturers – Turnkey Projects & Environment Consultant.
Work / Office – Plot No. A -20, NICE Area, Satpur, Nashik. -422007
Call-0253-2303351, Mob-9423194387, 9403380865 Email:-vasant.kare79@gmail.com
Visit: www.aditienterprises.in

Design Basis :

Plant capacity

Plant Capacity	5 m ³ /day
Operation Hours	16 hrs.

The Sewage effluent treatment plant shall be designed for treating the effluent from Wash Basin, Toilets, Bathrooms, Canteen, and W. C. etc. at your site.

Total effluent waste generation quantity shall be approx. 5 KL per day.

Biological treatment plant shall be designed assumption on following parameters.
(Septic tank outlet sewage Characteristic)

SR. NO.	PARAMETERS	Inlet	UNITS	Outlet
01	pH	7.0/7.5	-	5.5 to 9.0
02	Suspended solids	150-200	mg/lit	<100 mg/lit
03	COD	500-600	mg/lit	<250mg/lit
04	BOD	300-350	mg/lit	<100mg/lit

Treated water from system shall be used for -

Gardening purppse,
Auto Urinal Flushing,
Road Washing, and Cooling Tower.

Treatment plant shall be based on SBR Technology
(Sequential Batch Reactor)

Treatment system shall be consists of:

- | | | |
|----|---------------------------|--|
| a) | Collection & Equalization | :-Existing Septic tank III rd chamber |
| b) | Biological Treatment | :-Proposed Fabricated Tank |
| c) | Secondary Settling | :-Proposed Fabricated Tank |
| d) | Holding & Polishing | :-Proposed Fabricated / Syntax Tank |
| e) | Tertiary Treatment | :-Pressure sand and Activated Carbon Media filter |
| f) | Sludge Dewatering system | :-Proposed drying beds in PP with Filter cloth set |

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OPERATION:

Operation Hours shall be per day-Continuous / as required.

No. of Operator required: 01 per day (01No. / shift)

Treatment Chemicals:

DAP, UREA, Cow Dunk, pH Paper and Sodium Hypo chlorite.

Total Power shall be approx.3.5HP Connected load Maximum.

Total Area available for STP shall be 12 m2 Approx.

Lead –Time shall be 03-04 weeks from date of receipt of your firm P.O. copy along with the advance.

EXCLUSION :

Site Clearance for Proposed STP location, Shed Work for STP if required, - 3 Phase Electrical Connection & Water Connection at STP site, Earthing pit at STP site, and Final water disposal for Gardening.

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Cost Estimation of System: cap- 5KL/Day.

A Fabricated item:

Sr. No.	Particulars	Quantity	Items Description	Rate
01	SBR Tank & Settler tank	01 No	MOC - MSFRP Thickness of materials 5 mm epoxy painting from outside ,capacity – 5KL	1,60,000=00
02	Stair Case & Working platform	01 set	MS – with PU Epoxy painting	

NOTE – Dimensions of Tanks are subjected to change as per the site conditions.

B. EQUIPMENTS

1. Raw Sewage Transfer Pump :

Make	Kirloskar	Amount
Type	3 Phase , 1.0 Hp Self Priming Monobloc pump	18,000=00
Capacity	12.6 m3 /Hrs, 10 Meter Head	
MOC	C I Impeller, C I Motor Body ,	
Qty	01 nos.	

2. Filter Feed Pump

Make	Kirloskar	Amount
Type	3 Phase , 0.5 Hp Horizontal Centrifugal pump	7,000 =00
Capacity	7.0 m3 /Hrs, 12 Meter Head	
MOC	C I Impeller, C I Motor Body ,	
Qty	01 Nos.	

ADITI ENTERPRISES

Plot No. A-20, MIDC, Satpur
Nashik-422007

COMMISSIONING REPORT

DATE -22/01/2021

NO -018/20/21/STP

taken by - Mr. Adity & Mr. Malode

Customer Name & address

Smt. K H Abad Hom Med College &
R.P. Chordiya Hospital
(SHRI NEMINATH JAIN RAMHCHARYASHRAM)
Chandwad, Dist. Nashik

Product Name

: Common Sewage Treatment Plant

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[Signature]

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Visit: www.aditienterprises.in

Date - 23/11/2020.

To,

Smt. K B Abad Hom Med College & R P Chordiya Hospital
Chandwad, Dist. Nashik

Kind attention : DR. CHORDIYA SIR,
Sub : **Finalized Offer** for Common effluent Treatment Plant.5CMD
Ref : Your inquiry & verbal discussion at site dated on 14/10/2020.
: Verbal discussion on telecom dated 19/11/2020

Respected Sir,

With reference to above mention subject matter & our discussion regarding your requirement of Sewage Treatment Plant, We are enclosing here with our **finalized detailed** proposal along with Cost estimation & our detailed scope of work for your kind reference & approval purpose.

We would like to introduce ourselves; **ADITI Enterprises** are dealing in Manufacturing & supply of Effluent Treatment Plant & Sewage Treatment Plant for Industrial and Commercial Sectors. **We are also providing Operation & Maintenance Services for ETP & STP.**

We also provide Environmental Legal Services like: -

Environmental Statement Preparations & On line Submission of Environmental Audit. MPCB Consent for Establish, Consent to Operate & Renewal of Consent. Hazardous Waste Annual Return, Form No.4, 9, & 13, & Submission to MPCB Office.

We look forward to your valuable order in the regard & assure you the best of services at all the times.

Thanking you,

Yours truly,

FOR ADITI ENTERPRISES,

VASANT KARE

SNJB'S SHRI. R.P. CHORDIYA
HOSPITAL, CHANDWAD

INWARD NO. 81

INWARD DT. 23/11/2020

SIGN.



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2. Filter Feed Pump

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 Visit: www.aditienterprises.in

3. Air Diffusers with RCC Block , Flexible Pipes and Valves

Make	Greenfield, Southern, Jager or Equivalent	Amount
Type	Fine Bubbler Tube Type	(8000 x6)
Capacity	8-10 m3/Hrs	48,000=00
MOC	PVC with EDDM Rubber Sleeve	AT - 4 & FFT - 2
Size	600 x 0.65 mm Dia	

4. Pressure sand Filter

Make	Pentair	Amount
Type	Vertical with top Mounted Multiport Valve	25,000=00
Capacity	105 lit	
MOC	FRP	
Size	12 X 48 "	
Media	Various type of Sand ,Pebbles, Gravels	

5. Activated Carbon Filter

Make	Pentair	Amount
Type	Vertical with top Mounted Multiport Valve	27,000=00
Capacity	105 lit	
MOC	FRP	
Size	12 X 48 "	
Media	Sand , & Activated carbon	

6. Air Blowers

Make	Everest, A1, or equi	Amount
Type	Twin Lobe	72,000 =00
Capacity	45 m3/Hrs	
Recommended Motor	Crompton Greaves	
Motor Rating & Hp	1500 RPM , 2.0 Hp	
Pressure	0.45 kg/cm2	



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 Visit: www.aditienterprises.in

7. Disinfection Dosing System

Make	Unique , Positive metering, or Equivalent	Amount
Type	Vertical	
Capacity	10 LPH	10,000=00
MOC	Electromagnetic	

D Allied S.T.P. Internal Pipelines and Fittings

From Air Blower to SBR Tank		
MOC	MS	Amount
Type	C CLASS	
Size	2" or as per requirement	
Valves	Butterfly valves	
MS Flanges	2"	
Elbow	2" & 2 1/2" as per requirement	
Tee, reducer & allied fittings	As per requirement	
In SBR Tank, Filter feed ,& Final water Tank		
MOC	PPR , UPVC OR CPVC	20,000=00
Make	Prince or Kisan	
Size	2" or as per requirement	
Valves , Service saddles , SS Nipples, Tee, and allied fittings	As per requirement	
Sludge line & Filter line		
MOC	UPVC OR CPVC	
Make	Prince or Supreme	
Size	1 1/2" , 2 "etc.	
Valves , Elbow, Tee , Flanges, etc.	As per requirement	



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E. ELECTRICAL WORK & INSTRUMENTATION

Sr. No	Items Description	Qty	Rate
01	Electric control fabricated box MOC – Powder coated IP 55 Grade with electrical cabling, Make of Switchgears – Siemens/L & T /Equivalent 4 Cr Three phase polycab make armed cables, MOC-Copper/Aluminum, Instruments – Voltmeter, indicating lamps & energy meter Overload relay, ON/OFF Push button, MCB Contactors, etc.	01 lot or as per site requirement	43,440=00

F. ERECTION & COMMISSIONING

Sr. No	Items Description	Qty	Rate
01	02 Operator for erection 01 supervisor for Commissioning work 02 samples lab testing during the commissioning period Training shall be given to operators and yours staff members including with safety & environmental awareness Commissioning Chemicals like as Sodium Hypochlorite, p H Paper, Culture, etc.	10/15 days	6,000=00

G. TRANSPORTATION

01	Loading , Unloading, Transportation, Miscellanies ,etc on site	-	Inclusive
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Total	A+B+C+D+E+F+G		4,36,440=00
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STATE BANK OF INDIA

Branch Chandwad

Received Rs 115014.16

From Smt. K. B. Abad, Hom. Medical College,
Chandwad. A/C No. 34223632559

Bank's Union Bank of India, Nashik

Favoring Aditi Enterprises, Nashik

Account No. 513001010036601

Date 01/12/2020

By Cheque No. 383405

Transfer for RTGS on 01/12/2020

Branch Nashik.

IFSC Code UBIN0551309

Amount 1,15,000.00

Bank's Charges 14.16

Total: 1,15,014.16

Rupees : One Lakh Fifteen Thousand Fourteen & Sixteen Paise Only

UTR No: SBIN 220336945400

Signature

Smt. K. B. Abad Homoeopathic
Medical College & Smt. R. P. Chordia Hospital,
Bramastesh Shri. V. D. Mahata Dev-Vijay
P. G. Institute of Homoeopathy & Research Centre
Neminagar, CHANDWAD - 423101 (NASHIK)

