

Agreement

7.1.3



REF:No.A2Z/MSW/LDH-434

Date:-13/04/2018

To  
Sri Aurobindo College of Commerce and Management,  
Village Jhande, PO Threke, Via Baddowal,  
Ferozepur Road, Ludhiana - 142021

Sub:-Collection & Transportation of Municipal Solid Waste as per MSW Rules 2016, Generated from your college.

Dear Sir,

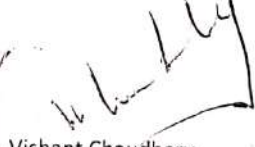
This is to inform that on the behalf of the Municipal Corporation A2Z Waste Management (Ludhiana) Ltd. has been awarded contract of Ludhiana and Clusters for 25 years, w.e.f. from 30 November 2011 for the handling collection and transporting MSW (Municipal Solid Waste) to the allotted / authorised dumping site for processing and scientific disposal of all municipal solid waste. Your municipal solid waste will be carried and disposed directly to Tajpur Dumpsite.

We hereby give you our best suitable rates for Collection & Transportation of Solid Waste generated from your premises.

1. Our dedicated vehicle will collect Municipal Solid Waste from single point of Collection designated or marked or identified by your college, to our representative.
2. A2Z will provide services on biweekly basis for collection & Transportation of Municipal Solid Waste (Tuesday & Friday between 3.00 PM to 5.00 PM). Collection Time as per mutual concern. Failure to do so would entail pro-rata deduction from the payment to A2Z.
3. Sri Aurobindo College of Commerce and Management will pay Rs. 12000/- (Rupees Twelve Thousand only) per month plus GST 18% as extra. TDS will be as applicable.
4. The payment will be made in advance through Cheque/ DD/ RTGS/NEFT on the name of M/s A2Z Waste Management (Ludhiana) Ltd, A/c no 057805001691 and ICICI Bank Ludhiana IFSC Code ICIC0000578.
- 5 Contract will valid for one year i.e. 16/04/2018 to 15/04/2019 and will be renewed each year on mutual consent. Rates will be revised if agreed to by the parties with further circumstances in consideration after 12 months.
6. For any suggestions or Complaint regarding the services, please contact 0161-4612801, 7527072822(Sup.), 7527072807 (Mgr.)

Thanks and regards,  
For A2Z Waste Management (Ludhiana) Ltd

Accepted By

  
Vishant Chaudhary  
(DGM-Projects)



Sri Aurobindo College of Commerce & Management  
(With Stamp)

**A2Z Waste Management (Ludhiana) Limited**

Regd - Office : 0-116, First Floor, Shopping Mall, Arjun Marg, DLF City, Phase - 122002, Haryana (INDIA)

Corporate Office : Plot No. 44, Sector 32, Industrial Area, Gurgaon-122001, Haryana (INDIA).  
Tel : 0124-4517600, Fax : 0124-4380014, Website : www.a2zgroup.co.in



## Agreement

VII CS



Dated: 16/04/2019

To,

Sri Aurobindo College of commerce & management  
Village Jhande, PO Threeke, via Badowal,  
Firozpur Road, Ludhiana - 141021

**SUB: Collection & Transportation of Municipal Solid waste as per MSW Rules 2016, Generated from your college.**

Dear Sir,

This is to inform that A2Z waste management (Ludhiana) Ltd. has been awarded contract of Ludhiana and clusters for 25 year for handling collection and transporting Municipal Waste to the allotted/ authorized dumping site for processing and scientific disposal of all municipal waste. Your municipal waste will be carried and disposed directly to Tajpur Dump Site.

- Our dedicated vehicle will collect Municipal Solid Waste from designated dump point of your Premises.
- A2Z will provide services on biweekly basis (Tuesday & Friday) between 3pm to 5pm for collection & Transportation of MSW .Failure to do so would entail pro-rata deduction from the payment to A2Z.
- Sri Aurobindo College of Commerce and Management will pay Rs. 12000/- (Rupees Twelve Thousand Only) per month.
- First Payment will be advance By Cheque Only favoring "A2Z Waste Management Ludhiana Limited.
- TDS will be as applicable.
- Collection time will be as per mutual agreement.
- Term & conditions can be changed as per mutual agreement.
- Contract renewed for One year w.e.f 16-04-2019 to 15-04-2020 and will be renewed each year on mutual consent. Rates will be revised if agreed to by the parties with further circumstances in consideration after 12 months. Either Party can terminate the contract within 30 days' notice.

Please Sign the Duplicate copy of this order as token of your acceptance.

Thanks & Regards

For A2Z Waste Management (Ludhiana) Ltd

for Aurobindo college of Commerce & Management



Principal

Sri Aurobindo College of  
Commerce & Management

**A2Z Waste Management (Ludhiana) Limited**

Regd - Office : 0-116, First Floor, Shopping Mall, Arjun Marg, DLF City, Phase-II, 122002, Haryana (INDIA)

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**Sri Aurobindo College of Commerce and Management**  
**C/o. Vardhman Textiles Limited**

Village Jhande - 142 021, P.O. Threke, Via Badawal, Ferozepur Road, LUDHIANA

☎ 0161 - 2804226, 2804227, 2804221

PO Ref. No. SAC:CP:MARCH:2018

March 12, 2018

M/s. Eros Envirotech Private Ltd.,  
109-110, 1<sup>st</sup> Floor, Savitri Complex-1,  
Dada Motors Building, Kalsi Nagar,  
G.T. Road, Ludhiana.

Kind Attn: Mr. Rajesh Maheshwari (Mob: 98141-01638)

**SUB.: ORDER FOR THE SEWAGE TREATMENT PLANT OF 50 KLD**

Dear Sir,

In reference to your ref. no. EE/2017-18/7091 Dated 18/December/2017 and subsequent correspondences and discussions on the subject held with you, M/s. Eros Envirotech Private Ltd., Ludhiana hereinafter referred to as Vendor, we Sri Aurobindo College of Commerce and Management (C/o of Vardhman Textiles Ltd.), hereinafter referred to as a College, are pleased to intend to release Purchase Order on Vendor for "Supply and Installation of Sewage Treatment Plant of 50 KLD" at College site at Village Jhande - 142 021, P.O. Threke, Via Badawal, Ferozepur Road, Ludhiana (India). The specifications, terms & conditions are stated hereunder:-

This Order shall be executed in strict accordance with terms and conditions, specifications and documents enclosed herewith.

**SPECIFICATIONS, QUANTITY & PRICE:**

Sr. No.	Plant capacity	Qty.	Unit Cost	Total Cost
01	Sewage Water Treatment Plant of 50 KLD	01	8,00,000.00	8,00,000.00
Total Price- Eight Lac Only (For Mill Site)				8,00,000.00

The following documents shall form an integral part of this order:

- > Annexure A - Technical Specification
- > Annexure B - Battery Limits and Exclusion
- > Annexure C - Performance Guarantee Parameter

**TOTAL ORDER VALUE:** Total value of the order is Rs. 8,00,000.00 (Rs Eight Lac Only)

**PRICE BASIS:** 'FOR' College's site basis.

**PACKING & FORWARDING:** The charges for packing & forwarding are included in the total ordered value. The material should be packed suitably.

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**DELIVERY:** Vendor shall dispatch ordered equipment within 75 days from the date of advance. It is completely put on records and mutually agreed that timely delivery of the total scope of supply is the essence of Order.

**LIQUIDATED DAMAGES ON DISPATCH:** For any delay beyond the stipulated last delivery date (period), Vendor shall pay to Company liquidated damages leviable at the rate of 0.5% of the Order price for each or part week delay subject to a maximum of 5% of the Order price w.e.f. 12<sup>th</sup> week from the date of advance payment.

Company reserves the right to claim damages for use and / or supply of defective or sub-standard Equipment / materials supplied / utilized by Vendor irrespective whether Equipment was inspected by Company at Vendor's and / or at Vendor's suppliers works prior to dispatch.

**GST ( Goods & Service Tax):** The Order price is exclusive of Goods & Service Tax, which shall be reimbursed by Company at the applicable rate at the time of dispatch against documentary evidence.

- > Change in Law- Price shall be adjusted for increase or decrease in tax rates due to Change in Law. Price adjustment shall apply only for remaining supplies/services in this purchase/service order. Thereby, compensation benefit or loss on account of change will be passed on to the parties on account of statutory variation.
- > Indemnity Clause- Seller/Service Provider shall provide proper documents including but not limited to Tax Invoice, Supplementary Invoice and Debit Note/Credit Note etc. as applicable in GST. In case of any deficiency, seller/service provider will rectify those errors without any delay.

Seller/Service Provider will file his GST return on time and capture all the transactions and information. In case of any mismatch, seller/service provider is under obligation to correct irregularities in return on timely basis. If any loss incurred to Vardhman on account of non-compliance or nonpayment of taxes by the seller/ service provider, then seller/ service provider will indemnify and make good a loss to the Vardhman for any such loss/expense incurred.

- > Anti Profiteering Clause - As per the provisions of GST Law, every registered person is under obligation to pass on the benefit accrued on account of reduction in cost of business operation to seller/ service provider. Thereby, vendor shall pass on the benefit accrued for increase tax credit pool & reduction in tax rates.
- > Penalty Clause - Additional penalty @ 25% shall be imposed on account of non-performance of the said activity plus taxes extra as applicable during the period of the contract besides penalty (if any) imposed by government.

**PAYMENT TERMS:** The College shall pay for supply & installation values in the following manner:-

- > 10% payment advance of basic amount against order acceptance.
- > 70% payment along with GST shall be made against PI on material readiness against inspection.
- > Balance 20% payment shall be made after successful erection & commissioning of the system.

**DRAWING & ENGINEERING:** Vendor shall do the detailed designing & engineering for the system, freeze the exact locations, do cable routing & submit the necessary drawings for completing the civil / digging activities. Vendor shall get the final scheme & drawings approval from the College within 10 days of order.



**INVOICING AND DOCUMENTATION:** All the Invoice(s) and other related documents should be addressed to:

SRI AUROBINDO COLLEGE OF COMMERCE & MANAGEMENT  
Vill. Jhande, P.O. Threoke,  
Via Badawal, Ferozepur Road,  
Ludhlana.

**INSTALLATION & COMMISSIONING:** Charges for installation & commissioning are included in the order value. However, College shall provide suitable boarding & lodging facility to your engineer at our site. Vendor shall provide onsite training to College staff for its operations & routine checkups.

**MECHANICAL WARRANTY:** Vendor shall provide a warranty against material of construction and manufacturing and operational defects for a period of 12 months from the date of successful commissioning of the ordered equipment or 15 months from the date of supply, whichever is earlier. Any replacement pertaining to material of construction & manufacturing defects during warranty period shall have fresh warranty of 12 months from the date of successful commissioning of equipment at site.

**SAFETY OF OUR COLLEGE'S EQUIPMENT:** It will be vendors responsibility to safe guard the College's material handed over to vendor & property while working at site. In case any damage/loss happens to College's Material & Property by any intentional/unintentional action on the part of vendor's crew, the damages shall be recovered from the vendor.

**SAFETY OF VENDOR'S PERSONNEL:** Vendor shall provide necessary aprons, safety shoes, or any other safety devices required for the safety of vendor's personnel's while they are performing the work and take all necessary safety measures and precautions as required under by various statutory rules. The College will not be responsible for any loss/injury caused to vendor's employees while working at site on this account. In the event of occurrence of any accident while at work at site, the entire responsibility, compensation claim and legal obligations arising there from shall be to vendor's account.

**PRICE ESCALATION:** The prices mentioned in the order are fixed and firm for all the purposes and no escalation whatsoever will be allowed till the execution of this order.

**JURISDICTION:** It may be noted that any disputes arising out of this order shall fall under the jurisdiction of Ludhiana judicial courts.

Now, you are requested to deliver the equipment and execute the order strictly in accordance with the terms and conditions stated above.

Thanking you.

Yours faithfully  
For SRI AUROBINDO COLLEGE & MANAGEMENT  
(C/o of Vardhman Textiles Limited)

(AUTH. SIGNATORY)

(AUTH. SIGNATORY)

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Vendor's Acceptance  
We accept the order in its entirety  
For EROS ENVIRONMENTAL LTD.

*R. Mahalingam*

Director

(Signature with date & stamp).  
Accepted copy of order duly signed, stamped and dated must be returned by vendor within 10 days from date, hereof failing which it will be deemed that the vendor has accepted the Order in its entirety.



## ANNEXURE - A

## TECHNICAL SPECIFICATIONS STP OF 50 KLD

S.No.	Description	EROS/Ludhiana
	Type of Technology	MBBR TECHNOLOGY
1	Pumps	
	Raw Effluent Pumps	
	No. of Unit	2 nos. (1 W+ 1S)
	Type	Submersible
	Drive	1 HP IE3
	Make	Kirloskar
	Model	CW-750
	Capacity / Water flow rate	50m <sup>3</sup> /day
	Location	Raw Effluent
	Body MOC	Cast Iron
	Impeller MOC	Cast Iron
	Head	20 m
	Motor RPM	2900
2	Air Blowers For MBBR & EA	
	No of unit	2 nos. (1 W+1S)
	Type	Twin lobe type
	Drive	2 HP IE3
	Make	Everest
	Capacity / Air flow rate	40m <sup>3</sup> /Hr
		Foot mounted standard TEFC motor
3	MBBR Reactor Media	
	MBBR Tank Thickness	5 mm
	Dimension (L X W X H)	1750 mm X 2200 mm X 2500 mm
		Fastening of flat 50 x 8 & ISMA 50 x 6
		Complete bracing of ISMA 100x50
		Epoxy coated from inside
	No of Unit	1 lot
	Type of media	Cool flot Floating random Media
	MOC	PP
	Make	Cool deck
	Media Quantity	3.0 m <sup>3</sup>
4	EA Reactor	
	MBBR Tank Thickness	5 mm



	Dimension (L X W X H)	1750 mm X 1100 mm X 2500 mm
		Fastening of flat 50 x 8 & ISMA 50 x 6
		Complete bracing of ISMA 100x50
		Epoxy coated from inside
5	Air Diffusers For MBBR & EA	
	No. Of units	6 nos. (4 MBBR+ 2 ET)
	Make	Rehau, Germany
	Air flow per diffuser	6.6 CMH
	MOC	Silicon
6	Tube Settler	1 no.
	Tube Settler Tank thickness	5 mm
	Dimension (L X W X H)	1750 mm X 1000 mm X 2500 mm
		Conical Bottom with sludge drain valve
		Supporting structure of ISMC 75 X 40
		10 mm Thick base plate & brackets
		fasting flat 50 X 8 and ISMA 50 X 6
		Epoxy Coated From Inside
	Vertical Height	2500 mm
	Make	Cool Deck
	Media Quantity	
	Size of tube settler with slope degree	60
7	Sludge Recirculation Pump	
	No. of Units	2 no. (1 W+ 1S)
	Capacity	0.5 HP
	Make	Kirloskar
8	Filtration Pump	
	No. of Unit	2 nos. (1w + 1.s)
	Make	Kirloskar
	Water flow rate	50 m <sup>3</sup> /day
	Capacity	3 HP
	Body MOC	Cast Iron
	Impeller MOC	SS-304
	Head	30 m
9	Activated Carbon filter	
	No of Unit	1 no.
	Dimensions	2000 mm height, Dia 500mm
	Thickness	5 mm
	Dishends	6 mm Thick
	MOC	MS
	Filtration Material	Graded filter media, silica sand & silica stone of 1 mm to 5 mm



	Media Quantity	750 mm
	No of Man Hole	2 nos.
10	Pipe Line	
	Interconnecting Piping & Frontal Pipe Line	1 lot
	MOC of pipe	MS - B Class
	Make	Jindal
11	Filtration Tank	1 no.
	Dimension	1450 mm X 1550 mm X 2500 mm
12	Skid Mounting Structure	Base structure with exoskeleton type arrangement for package type construction.
	MOC	MS
13	Electrical Control Pannel with Accessories	1 no.
	Make	Schneider
	Cable	Havels

Note:- The Bill of Quantity shall not affect the scope of supply for the complete job. Hence, in case of shortage of any material related to the complete job, the same shall be provided by Vendor within agreed total order value.



ANNEXURE - B

BATTERY LIMITS AND EXCLUSION

EXCLUSIONS

1. All civil works.
2. All electrical, earthing and area lighting.
3. Tools, tackles, manpower, chemicals & utilities for erection and commissioning.
4. Storage facility for our equipment & machinery at site with security.
5. Cabling and supply of electric power to our MCC panel at site.
6. Any pipeline or pipe fittings beyond the battery limits of the STP.



## ANNEXURE - C

### PERFORMANCE GUARANTEE PARAMETERS

Performance test shall be conducted after plant is running and stable after four weeks from starting of full inflow of 50 m<sup>3</sup>/day of Inlet sewage into the Equalization tank. The data regarding the power consumption, chemical consumption, Inlet and outlet effluent characteristics shall be maintained in a log book for a period of at least 60 days for the purpose of the performance trial.

#### GUARANTEED OUTLET PARAMETERS OF STP SYSTEM AS PER THE GIVEN INLET PARAMETERS

Sr.	Parameter	Outlet Parameter	Remarks
1.	pH	6.5 - 9.0	If any deviation comes from design parameters, vendor has to right the system to achieve discharge parameters
2.	BOD	< 20	
3.	COD	< 100	
4.	TSS	< 50	
7.	Oil & Grease	5	

#### Short fall on Capacity -

In case the plants fails to handle hydraulically the guaranteed full flow of 50 m<sup>3</sup>/day of inlet wastewater. The supplier will make all necessary modification / repairs / replacement / changes entirely at his cost to attain 100% guaranteed capacity within 2 months of the date of the performance test. No allowance shall be allowed in the capacity shortfall

#### Short fall on Quality parameters -

In case the plants fails to meet the guaranteed output parameters as per Mention above, the supplier shall make all necessary modification / repairs / replacement / changes entirely at his cost to attain 100% guaranteed outlet parameters within 2 months of the date of the performance test or reporting of such abnormalities. Not even a single reading (during the period of 60 days data logging) which does not fall within the guaranteed limits shall be acceptable.

The supplier shall also ensure that no increase in any other parameters (apart from those mentioned in the guaranteed parameters) takes place on account of the treatment technology adopted/ suggested by the supplier

In case the consumption of chemicals exceeds the guaranteed figures, the supplier shall ensure that the consumption is brought under control through all necessary changes, additions, and alterations, repairs within a period of 2 months from date of performance test or from the date of reporting of such ambiguity.

In case the supplier fails to achieve the guaranteed performance even after repairs, modifications, additions, alterations and replacements at his own cost, the company shall have the right to take all necessary action as deemed fit by the company including but not limited to get the goods repaired, altered or replaced by any other vendor, contractor, consultant or any other party or person. The total costs and expenses incurred by the company for each repair, alteration/ replacement or towards consultancy/ contractors charges shall be borne by the supplier without any limit or restriction.