



SAST/CLPC/ACU /STP/87 /2026-27

30.07.2026

TENDER NOTIFICATION

The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturer (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the New construction Building **Supply & Installation of 500KLD STP Electromechanical Works at ACU Campus BG Nagara** as per section I & II.

01	Name of the work	Supply & Installation of 500KLD STP Electromechanical Works at ACU Campus BG Nagara
02	Last Date for Tender Submission	On or before 05.08.2026 Before 5.30PM.

Section-1

Instructions to Tenderers

- 1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clethead@bgscet.ac.in** on or before the last date of tender submission (for any or all list of items) on professional business letterheads only. The details to be printed on the letter head is as follows
 - i) Tender for **Supply & Installation of 500KLD STP Electromechanical Works at ACU Campus BG Nagara**
 - ii) Tender Reference number
 - iii) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmiapuram, Bengaluru - 560086"
 - iv) The tenderer shall submit the original documents to this office on the last day of submission for verification who prefers to submit the tender through Post can dispatch the same through Registered post / Speed post or Couriers as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, Head of CLPC will not be liable or responsible for the same.
- 2) **Tender Currency:** Prices shall be quoted in Indian Rupees only.
- 3) **AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri shikshana trust's norms.
- 4) **Warranty:** 3 Years
- 5) **Amendment of tender documents:** At any time prior to the deadline of submission of tenders the trust may, for no reason, whether as its own initiative or otherwise modify the tender documents by amendment. Sri Adichunchanagiri Shikshana Trust reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.
- 6) **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 years of ITR



declaration inside the envelope and the company contact details with email id on the in the below mention format in annexure -

- 7) **Tender Prices:** Prices indicated on the price schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and the other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if the contract is awarded. Conditional tenders will not be considered. The bidder has to give the quotation in the below enclosed format in annexure - 2.
- 8) **Validity of the Bid:** 90 days from the last date of submission of bid.
- 9) **Corrupt or Fraudulent practices:** Sri Adichunchanagiri Shikshana Trust requires that the tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In purchase of this policy:
 - a) Will reject a proposal for award if it determines the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - b) Will declare a firm ineligible, either indefinitely or for the stated period of time, to be awarded a university contract if it any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a trust contract.
- 10) **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of contract will not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the employer's processing of tenders or award decisions may result in rejection of his tender.
- 11) **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of tenders the employer may, at his discretion, ask and tenderer for clarification of his tender, including breakdowns of unit rates. The request for clarification and the response shall be writing or by cable, but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the employers in the evaluation of the tenders.
- 12) **Delivery:** The successful BIDDER should commence the service as per the tender document/work or purchase order. For any queries or assistance, please write to clethead@bgscet.ac.in or telephone to +91- 9448270489.
- 13) **Penalty Clause:** Non-execution of supply order - for the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages
 - a) For the delayed supply (3 days of grace period) - 5% deduction
 - b) Quantity issues - 5 % deduction
 - c) Quality issues - 10% deduction

**THE HEAD
LPO, ACU**

Mahalakshnipuram,



Section-2

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PROJECT: PROPOSED STP (SBR TECHNOLOGY) FOR BGS CAMPUS, BELLUR CROSS			
SUBJECT: BILL OF QUANTITIES FOR SEWAGE TREATMENT PLANT - CAPACITY - 500.00 CU.M / DAY			
PART A - PRIMARY TREATMENT - 500.00 CU.M / DAY			
PART B - TERTIARY TREATMENT 500.00 CU.M / DAY 15 Hours working			
SL. NO.	DESCRIPTION		AMOUNT (Rs.)
PART A - PRIMARY TREATMENT - 500.00 CU.M / DAY			
01	M.S BAR SCREEN		
02	RAW SEWAGE PUMPS:		
03	COARSE BUBBLE DIFFUSERS:		
04	FINE PORE DIFFUSERS		
05	AIR BLOWER (1+1) FOR SBR TANK -1		
06	AIR BLOWER (1+1) FOR SBR TANK -2		
07	AIR BLOWER (1+1) FOR EQ & SH TANK		
08	DECANTER MECHANISM		
09	SLUDGE TRANSFER PUMPS		
	TOTAL - A		
PART B - TERTIARY TREATMENT 500.00 CU.M / DAY 15 Hours working			
01	FILTER FEED PUMP:		
02	MS SAND PRESSURE FILTER:		
03	MS ACTIVATED CARBON FILTER (ACF):		
04	CHLORINE DOSER:		
05	ULTRA FILTRATION SYSTEM		
06	ELECTRICAL WORKS & STP PANEL		
07	CABLES AND CABLE TERMINATIONS		
08	FLOW METER		
09	PLANT PIPING		
	TOTAL - B		
	GRANDTOTAL - A + B		



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SL. NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
PART A - PRIMARY TREATMENT - 500.00 CU.M / DAY					
	Design, Engineering, and preparation of civil/ structural drawings (GFC) and providing all equipment / Piping etc at site, erection testing and commissioning of equipments/ electricals/ piping for Sewage treatment plant inclusive of all types of taxes and duties. (Tenderer shall specify flow parameter and its technical specification of the equipments envisaged as per vendor design and system requirement to meet the guarantee parameters as per PCB)			Structure completed	
01	M.S BAR SCREEN Supplying, installing, testing and commissioning of bar screen consisting of 1no. of fine screen and one number coarse shall be provided in front of the intake works, so as to exclude the large sized particles with associated set of guide angles in SS flat of 6.0 mm thick and 50 mm wide kept inclined at 45 degree to the horizontal at 10mm c/c with one no. hand rack in GI. bar rack fabricated from SS-304 bars to the width of the screen chamber with a racking arm for manual operation. Size : 1000 mm x 900 mm(to Suit the width of the Barscreen Chamber)				
	Supply & Installation:	Set	01		0
02	RAW SEWAGE PUMPS: Supplying, installing, testing and commissioning of 3 Nos. (Two working + one standby) submersible type raw sewage water pumps with cutter version to pump the sewage from equilisation sump to SBR tanks. The pump shall be coupled to adequate H.P. electrical motor, mounted on a common base frame made out of 'GI' with necessary bolts, nuts,saddle and mesh.. The pump shall be provided with suitable enclosure with strainer arrangement for the protection submersible pumps. The pump shall be suitable for the following requirements: a) Flow rate of each pump - 12.50 cu.m / hr (Two separate pump for pumping sewage for 2 SBR tanks) b) Head - 12 - 15 mtr The rate quoted shall be inclusive of: b) 1 no. pressure gauge 4" dial with valve tee and fittings. c) 3 nos. cast iron lever operated slim seal type butterfly valves of CI body and spheroidal graphite iron disc (SG iron),with nitrile rubber seal, tested to 10 kg / sq.cm Confrming to BS 5155 / MF6 standards and including a set of GI flanges as per BS-10 table 1 including bolt nuts, GI washers, and neoprene rubber gaskets Complete etc., on the delivery side				
	THE HEAD				
	CLPC, ACU				



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SL. NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	d) 3 nos. spring loaded gun metal Non return valve / silm seal flap type check valve with CI body and cast steel disc tested to PN - 10 kg / sq.cm pressure including a set of GI Flanges as per BS - 10 table 1 including bolts, nuts, GI washers and neoprene rubber gaskets complete etc., on the delivery side .				
	e) GI manifold of suitable dia on delivery side finished neatly with hot dip galvanizing to 100 microns with flanged end on either sides and collar provision for connectivity of above mentioned valves.				
	Supply & Installation:	Set	01		0
03	COARSE BUBBLE DIFFUSERS:				
	Supplying, installing, testing and commissioning of Coarse bubble diffuser with 90mm dia x 800mm long to provide clog-free oxygen for Equalization Tank, Sludge Holding Tank, Decant Tank and Treated Water Tank with PVC fitting, nylon rope braided hose with all accessories to make it retrievable.				
	Supply & Installation:	Lot	01		0
04	FIRE PORE DIFFUSERS				
	Supplying, installing, testing and commissioning of Fine Bubble Diffuser with 90mm dia x 1000mm dia long with EPDM membrane shall consists of set of membranes, SS 304 clips PVC support pipe (10 kg/cm ² pressure rating), PVC fitting, nylon rope braided hose with all accessories to make it retrievable.				
	Supply & Installation:	Lot	01		0
05	AIR BLOWER (1+1) FOR SBR TANK -1				
	Supplying, installing, testing and commissioning of 2 Nos. (One working + one standby) Rotary Twin Lobe design type air blower complete with motors, pulleys, One piece rigid CI casing and side plates, silencer, base plate, Anti-friction bearings, Rotary oil sealings having horizontal configuration.				
	The blower shall be suitable for the following:				
	For SBR Tank- 1				
	a) Flow rate of each blower - 250.00 Cu.m / hr				
	b) Flow Pressure - 0.40 kg / sq. cm				
	c) Head - 4 mtr				
	d) Dry run protection.				
	The rate quoted shall be inclusive of:				
	e) 1 no. pressure guage 4" dial with valve tee and fittings.				
	f) " Kay" / Equivalent make Twin Lobe roots type Airblower of 250.00 cum/hr at 0.40 kg/sqcm capacity comprising of common base frame, suction filter, suction silencer, non return, V belt, guard, drive and driven pulleys, pressure guage, inter connection pipping, discharge silencer, anti vibration pads including required motor of make Kirloskar or Beacon				



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SL. NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	d) 2 nos. spring loaded gun metal Non return valve / silm seal flap type check valve with CI body and cast steel disc tested to PN - 10 kg / sq.cm pressure including a set of GI Flanges as per BS - 10 table 1 including bolts, nuts, GI washers and neoprene rubber gaskets complete etc., on the delivery side .				
	e) GI manifold of suitable dia on delivery side finished neatly with hot dip galvanizing to 100 microns with flanged end on either sides and collar provision for connectivity of above mentioned valves.				
	Supply & Installation:	Set.	01		0
06	AIR BLOWER (1+1) FOR SBR TANK -2				
	Supplying, installing, testing and commissioning of 2 Nos. (One working + one standby) Rotary Twin Lobe design type air blower complete with motors, pulleys, One piece rigid CI casing and side plates, silencer, base plate, Anti-friction bearings, Rotary oil sealings having horizontal configuration.				
	The blower shall be suitable for the following:				
	For SBR Tank- 2				
	a) Flow rate of each blower - 250.00 Cu.m / hr				
	b) Flow Pressure - 0.40 kg / sq. cm				
	c) Head - 4 mtr				
	d) Dry run protection.				
	The rate quoted shall be inclusive of:				
	e) 1 no. pressure guage 4" dial with valve tee and fittings.				
	f) " Kay" / Equivalent make Twin Lobe roots type Airblower of 250.00 cum/hr at 0.40 kg/sqcm capacity comprising of common base frame, suction filter, suction silencer, non return, V belt, guard, drive and driven pulleys, pressure guage, inter connection pipping, discharge silencer, anti vibration pads including required motor of make Kirloskar or Beacon				
	d) 2 nos. spring loaded gun metal Non return valve / silm seal flap type check valve with CI body and cast steel disc tested to PN - 10 kg / sq.cm pressure including a set of GI Flanges as per BS - 10 table 1 including bolts, nuts, GI washers and neoprene rubber gaskets complete etc., on the delivery side .				
	e) GI manifold of suitable dia on delivery side finished neatly with hot dip galvanizing to 100 microns with flanged end on either sides and collar provision for connectivity of above mentioned valves.				
	Supply & Installation:	Set.	01		0
07	AIR BLOWER (1+1) FOR EQ & SH TANK				
	Supplying, installing, testing and commissioning of 2 Nos. (One working + one standby) Rotary Twin Lobe design type air blower complete with motors, pulleys, One piece rigid CI casing and side plates, silencer, base plate, Anti-friction bearings, Rotary oil sealings having horizontal configuration.				



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SL. NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The blower shall be suitable for the following:				
	For EQ & SH Tank				
a)	Flow rate of each blower - 250.00 Cu.m / hr				
b)	Flow Pressure - 0.40 kg / sq. cm				
c)	Head - 4 mtr				
d)	Dry run protection.				
	The rate quoted shall be inclusive of:				
e)	1 no. pressure guage 4" dial with valve tee and fittings.				
f)	" Kay" / Equivalent make Twin Lobe roots type Airblower of 250.00 cum/hr at 0.40 kg/sqcm capacity comprising of common base frame, suction filter, suction silencer, non return, V belt, guard, drive and driven pulleys, pressure guage, inter connection pipping, discharge silencer, anti vibration pads including required motor of make Kirloskar or Beacon				
d)	2 nos. spring loaded gun metal Non return valve / silm seal flap type check valve with CI body and cast steel disc tested to PN - 10 kg / sq.cm pressure including a set of GI Flanges as per BS - 10 table 1 including bolts, nuts, GI washers and neoprene rubber gaskets complete etc., on the delivery side .				
e)	GI manifold of suitable dia on delivery side finished neatly with hot dip galvanizing to 100 microns with flanged end on either sides and collar provision for connectivity of above mentioned valves.				
	Supply & Installation:	Set.	01		0
08	DECANTER MECHANISM				
	Supplying, installing, testing and commissioning of Decanter Mechanism as per System requirement. With PLC Controlled.				
	Supply & Installation:	Set.	01		0
09	SLUDGE TRANSFER PUMPS				
	Supplying, installing, testing and commissioning of 2 Nos. (one working + one standby) submersible type slude transfer pump at 10 cu.m / hr flow rate . The pump shall be coupled to adequate H.P. electrical motor, mounted on a common base frame made out of 'GI' with necessary bolts, nuts,saddle and mesh.. The pump shall be provide with suitable enclosure with strainer arrangement for the protection submersible pumps.				
	The pump shall be suitable for the following requirements:				
	Flow rate - 10 cu.m / hr				
	Head - 12 - 15 mtr				
	The rate quoted shall be inclusive of:				
	Earthing for pumps to be provided.				
	1 no. pressure guage 4" dial with valve tee and fittings.				



ADICHUNCHANAGIRI UNIVERSITY
(Estd. under Karnataka Act No. 18 of 2013)
B.G. Nagara - 571448

(Estd. under Karnataka Act No. 18 of 2013)
B.G. Nagara - 571448

B.G. Nagara - 571448

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B. G. Nagar - 571448, N
Tel: 082341287085 Email: in

B. G. Nagara - 571448, 5875, Nagamangala Tq., Mandya Dist., Karnataka, India.
Tel: 08234 287085 Email: info@acu.edu.in, registrar@acu.edu.in | www.acu.edu.in

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SL. NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
PART B - TERTIARY TREATMENT 500.00 CU.M / DAY 15 Hours working					
01	FILTER FEED PUMP:				
	Supplying, installing, testing and commissioning of 2 Nos. Monobloc type pumps (One working and one standby) for pumping primary treated water through sand pressure filter, activated carbon filter, softener, doser etc and finally to treated water sump The pump shall be coupled to the adequate H.P. electrical motor and shall be mounted on a common base frame with mani fold.				
	The pump shall be suitable for the following requirements:				
a)	Flow rate of each pump - 33 Cu.m / hr				
b)	Head - 30 - 35 mtr				
	The rate quoted shall be inclusive of:				
a)	Dry run protection.				
b)	1 no. pressure gauge 4" dial with valve tee and				
c)	2 nos. cast iron lever operated slim seal type butterfly valves of CI body and spheroidal graphite iron disc (SG iron),with nitrile rubber seal, tested to 10 kg / sq.cm Confrming to BS 5155 / MF6 standards and including a set of GI flanges as per BS-10 table 1 including bolt nuts, GI washers, and neoprene rubber gaskets Complete etc., (inter valve / audco make) on the delivery side				
d)	2 nos. cast iron lever operated slim seal type butterfly valves of CI body and spheroidal graphite iron disc (SG iron),with nitrile rubber seal, tested to 10 kg / sq.cm Confrming to BS 5155 / MF6 standards and including a set of GI flanges as per BS-10 table 1 including bolt nuts, GI washers, and neoprene rubber gaskets Complete etc., (inter valve / audco make) on the Suction side				
e)	2 Nos. of Gun Metal 'Y' stainer with mesh for 100 microns screw type tested to 20 kg / sq.cm on suction side.				
f)	2 nos. slimseal flap type check valve with CI body and cast steel disc pressure rating PN-10 Kg / sq.cm including a set of GI flanges as per BS-10 table 1 including bolt nuts, GI washers, and neoprene rubber gaskets Complete etc., (inter valve / audco make) on the delivery side.				
e)	GI manifold of suitable dia on delivery side and suction side finished neatly with hot dip galvanizing to 100 microns with flanged end on either sides and collar provision for connectivity of above mentioned valves.				
	Supply & Installation:	Set.	01		0
02	MS SAND PRESSURE FILTER:				
	Supply, installation testing and commissioning of sand pressure filter for filtration of suspended impurities in treated sewage water. The filter shall be suitable for 33 Cu.m / hr flow rate and designed to operate for 15 hours and to handle suspended				
	The SPF shall be designed for a specific velocity of 8 m³ / hr / sq.m area and the approx dia shall not be less than 2300 mm dia.				



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SL. NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The Sand Pressure Filter unit shall comply with the following technical requirements:				
a)	Flow rate - 33 Cu.m / hr				
b)	Back wash duration - 15 minutes				
c)	pressure drop across unit. - 1.0Kg/ sq.cm (max)				
d)	Inlet turbidity - 1.00 as NTU				
	Further, the sand pressure filter unit shall comprise of the following:				
a)	The sand pressure filter vessel shall be fabricated out of MS plate (CRCA sheet of TATA make) not less than 6mm thick with dish ends out of 8mm thick plate, Man Hole Size : 500mm dia minimum , Inspection Hole size : 200mm Dia minimum and painted internally with two coats of anticorrosive epoxy paint with primer and externally with two epoxy primer followed by two coats of epoxy paint of approved colour.				
b)	The sand pressure filter shall be fitted with top inlet distribution and bottom collecting system.				
c)	Orifice board for monitoring back wash flow to be fitted.				
d)	Initial charge of underbed and multigrade filtering media as required.				
e)	Complete set of valves, pressure gauge with needle valve and frontal pipe work done with GI 'B' class pipes (make: Tata / Jindal).				
f)	Concrete bed/pedestals of suitable size and thickness in cement concrete 1:2:4 for mounting the filter base with anchor fastener, bolts and nuts and neatly finished smooth with floating coat of cement				
	Supply & Installation:	Set.	01		0
03	MS ACTIVATED CARBON FILTER (ACF):				
	Supply, installation, testing and commissioning of activated carbon filter for filtration and removal of colour in treated sewage water. The filter shall be suitable for 33 Cu.m / hr flow rate and designed to operate for 15 hours.				
	The ACF shall be designed for a specific velocity of 8 m³ / hr / sq.m area and the approx dia shall not be less than 2300 mm dia .				
	The activated carbon filter unit shall comply with the following technical requirement.				
a)	Flow rate - 33 Cu.m / hr				
b)	Back wash duration - 15 minutes				
c)	Pressure Drop across unit. - 1.0kg / sq.cm (max)				
	Further the activated carbon filter unit shall comprise the following:				
a)	The activated carbon filter vessel shall be fabricated out of MS plate (CRCA sheet of TATA make) not less than 6mm thick with dish ends out of 8mm thick plate, Man Hole Size : 500mm dia minimum , Inspection Hole size : 200mm Dia minimum and painted internally with two coats of anticorrosive epoxy paint with primer and externally with two coats epoxy primer followed by two coats of epoxy paint of approved colour.				



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SL. NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	b) The activated carbon filter shall be fitted with inlet distribution and bottom collecting system.				
	c) Orifice board for monitoring back wash flow to be fitted.				
	d) Initial charge of underbed and carbon filtering media as required.				
	e) Complete set of valves, pressure gauge with needle valve and frontal pipe work done with GI 'B' class pipes (make: Tata / Jindal).				
	f) Concrete bed/pedestals of suitable size and thickness in cement concrete 1:2:4 for mounting the filter base with anchor fastener, bolts and nuts and neatly finished smooth with floating coat of cement				
	Supply & Installation:	Set.	01		0
04	CHLORINE DOSER:				
	Supply, installation, testing and commissioning of on line automatic electronic sodium hypo dosing unit with automatically operated dosing pump etc., The unit shall comprise of the following:				
	One no. single moulded FRP cylindrical type chemical solution tank of 50 litres capacity having detachable lids with moulded inserts for mounting of pumps and stirrer.				
	a) One on. Electronic diaphragm type positive displacement pump of Asia LMI make, for chemical dosing with plastic head. The electronic pump shall be operated on 220V single phase supply and shall be mounted directly on the tank top.				
	b) Complete set of pipes, valves and fittings, foot valve magnetic float switch to trip the dosing pump at low level of chemical in the tank.				
	c) The free chlorine content in the filtered water shall not be less than 0.5 PPM.				
	d) Concrete bed/pedestals of suitable size and thickness in cement concrete 1:2:4 for mounting the doser base with anchor fastener, bolts and nuts and neatly finished smooth with floating coat of cement mortar.				
	e) The pump shall be suitable for the following requirements:				
	Min. Actuating Pressure - 0.3 kg/sq cm				
	a) Max. Working Pressure - 0.5 kg/sq cm				
	b) Max. Temperature - 50 degree Centigrade				
	c) Dosing flow range- 0.5 - 1 LPH				
	d) Head - 5 - 10 mtr				
	Supply & Installation:	Set.	01		0
05	ULTRA FILTRATION SYSTEM				
	Supply, installation testing and commissioning of ultra filtration system with the following specifications				
	Flow rate 15 cum/hr /Ten hours working				
	UF Feed Pump (1W+1S) centrifugal type rated for a capacity of 15 cum/hr at 30m head .				
	UF Back wash pump (1W+1S) centrifugal type rated for a capacity of 30 cum/hr at 30m head :				
	UF Membrane : 3 Nos				
	UF Skid - fabricated out of SS -304				
	CIP Cleaning System				



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SL. NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Basket strainer and chlorine dosing system				
	PLC Based stand alone BMS Compatible panel				
	Electrically Actuated Valves				
	Supply & Installation:	Set	01		0
06	ELECTRICAL WORKS & STP PANEL				
	Supply, installation, testing and commissioning of compartmental type, front operated, front access, totally enclosed, free standing, dust and vermin proof PLC Panel (Indoor type) with IP 54 ingress protection, fabricated from 2 mm thick CRCA sheets, with hinged, gasketed and lockable doors including the cost of interconnections, copper crimping lugs, brass glands, bonding to earth and painting, suitable for use at 415 volts, 3 phase 4 wire 50 Hz system with 16 KA rupturing capacity at 415 volts complete.				
	The panel shall be built by a CPRI approved panel vendor				
	Electrical Motor Control Centre shall be suitable for all equipments connected to the STP with 3 Nos of spare feeders.				
	63A MCB 1 No feeder for Mechanical Ventilation Panel				
	63A MCB 1 No feeder for Treated Water Transfer Pumps				
	Add additional feeders required for the Treated Water Transfer pumps, HVAC feeder in consultation with Client. (Additional feeders required to be Checked at site as per site condition)				
	Supply & Installation:	No	1		0
07	CABLES AND CABLE TERMINATIONS				
	Inter Unit Cabling				
	Inter unit cabling for all equipments with necessary aluminium armoured cables, Copper 8swg wire for earthing, with necessary termination lugs, glands etc complete.				
	Supply & Installation:	Lot	1		0
08	FLOW METER				
	Supply installation testing and commissioning of Magnetic Type Flow meter for measuring the flow of raw sewage installed at the outlet of the raw sewage transfer pump header -1 No and 1 No of analog flow meter to be installed at the outlet of the Activated Carbon Filter with necessary isolation valves, complete				
	Make for Magnetic Flow Meter : Aster Magflow				
	Supply & Installation:	Lot	02		0
09	PLANT PIPING				
	Plant Piping with UPVC Sch 40 pipes with Sch 80 fittings and approved make valves, gauges, instrumentation etc., for all plumbing lines and GI C Class pipeline with fittings for Blower Air Lines.				
	Supply & Installation:	Lot	01		0
	TOTAL				

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SL. NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Notes:				
01	The quoted rates shall include plant and piping works for the STP consists of interconnecting piping, fittings, valves within the battery limit of the Sewage Treatment Plant MOC of the piping shall be GI 'B' Class ("TATA" OR "JINDAL" Make)				
02	The quoted rates shall be inclusive of MCC Panel, Earthening Works, Instrumentation and Level switches etc. complete.,				

**THE HEAD
CLPC, ACU
Mahalakshimpuram,
Bengaluru - 560 086.**



LIST OF APPROVED MAKES - SEWAGE TREATMENT PLANT

SL. NO.	ITEM DESCRIPTION	MAKE
1	RAW SEWAGE TRANSFER PUMPS	GRUNDFOS / KSB / EQUIVALENT
2	DIFFUSERS	EDI / EQUIVALENT
3	AIR BLOWERS	KAY / EQUIVALENT
4	AIR BLOWER MOTOR	KIRLOSKAR / EQUIVALENT
5	FILTER FEED PUMPS	KIRLOSKAR / EQUIVALENT
6	SLUDGE PUMPS	KIRLOSKAR / EQUIVALENT
7	CHLORINE DOSING PUMP	ASIA-LMI / CHEMIDUTY / EQUIVALENT
8	PVC PIPES AND FITTINGS (15 kg/sq.cm)	ASTRAL / SUPREME
9	G.I PIPES 'C' CLASS	TATA / JINDAL / EQUIVALENT
10	G.I FITTINGS	R BRAND / UNIK / EQUIVALENT
11	PRESSURE GAUGE	H-GURU / FIEBIG
12	LEVEL SWITCH	APPROVED MAKE
13	CAST IRON BUTTERFLY VALVES	INTERVALVE / AUDCO / EQUIVALENT
14	NON RETURN VALVES (FLAP TYPE)	INTERVALVE / AUDCO / EQUIVALENT
15	BALL VALVES	RB / ITAP / TBS / EQUIVALENT
16	LEVEL CONTROLLERS	AQUA INTELTECH / VINAYAKA
17	ENAMEL PAINT	ASIAN PAINTS / APCOLITE
18	TERMINATION LUGS	DOWELLS / ELBI
19	PVC INSULATED COPPER WIRES	FINOLEX / WINCAP / VINAY
20	POWER CABLES	UNIVERSAL / GLOSTER /



		POLYCAB
21	SFU's / FSU's	EE / L&T / C&S
22	HRC FUSES	HAVELLS / EE
23	ENERGY METER (3 Phase) CT Operated	HCL / L&T
24	OVER LOAD RELAYS	EE / L&T
25	WATER METER	DASH MESH / KRANTI
26	SINGLE PHASE PREVENTOR	MINILEC
27	INDICATING LAMPS & PUSH BUTTONS	L&T
28a	STARTER	L&T / SIEMENS
28	VOLTMETER - ANALOG	NECO
29	VOLTMETER - DIGITAL	NIPPON
30	AMMETER	ENERCON / AEE / PROKOV
31	DRY RUN PROTECTION	GRUNDFOS / MINILEC
32	MS PLATE FOR FILTER / SOFTENER	CRCA TATA MAKE
33	GI FLANGE (AS PER BS TABLE- 10)	R BRAND / UNIK
34	UV FILTER	ALFA WATER PURIFIER / EQUIVALENT
35	UV LAMP	GENERAL ELECTRIC / LIGHT SOURCES INC

The Bidder has to quote the rate in the Item Data available online with this bid.
Details to be filled up for price bid are as below:

The price shall be inclusive of all taxes (inclusive of GST) under the relevant
Laws of India.


MAHALAKSHMI
CLPC, ACU
Mahalakshimpuram,
Bengaluru - 560 086.



SL. No	Particular	Amount In Rs. (Inclusive of All the taxes)
1	Total Amount of Supply & Installation of 500KLD STP Electromechanical Works at ACU Campus BG Nagara.	
2	Grand Total	
Total in Rs and in words -		


THE HEAD
CLPC, ACU
Mahalakshmiapuram,
Bengaluru - 560 080.



Annexure – 1

PARTICULARS OF THE BIDDER

Sr. No	Description	Details (to be filled by the responder to the Bid)
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration document)	
8	Name of Registration Authority	
9	Registration Number and Year of Registration	
10	ISO certifications and its validity	
11	GST registration No.	
12	Permanent Account Number (PAN)	
13	Company's Revenue for last 3 years (Year wise)	
14	Company's net worth for the last year	
15	Bank Details (Name, Account no., Branch, IFSC, MICR)	