



ENVIRO AXIS

INDIA PVT. LTD.



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Ref No. EAIPL/PRO/23-24/296

Date: 04th December, 2023

To:

M/s. Modi Properties Pvt Ltd.

GV-1, Secunderabad –500003.

Kind Attn. : Mr. Mohammed Anwar Baig

(Sr. Engg.- Modi Properties Pvt. Ltd.)

Subject : Revised proposal for Design, Supply, Installation, Testing & Commissioning of STP 30 KLD for your Hyderabad (GV-1) Unit.

Reference : With reference to your discussion with Mr. Rasheed Shaik.

Dear Sir,

With reference to the above subject; we are pleased to submit our Techno Commercial Proposal for above mentioned project as follows.

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- ❖ ANNEXURE I - RAW WATER & PERMEATE WATER ANALYSIS
- ❖ ANNEXURE II – CLIENT’S SCOPE
- ❖ ANNEXURE III – PROCESS FLOW CHART
- ❖ ANNEXURE IV – TECHNICAL DESCRIPTION & SCOPE OF SUPPLY FOR STP
- ❖ ANNEXURE V - PRICE & COMMERCIAL TERMS & CONDITIONS

We hope our offer is in line with your requirements & meets your approval. However, should you need any clarifications or further information, please feel free to contact us.

Assuring you of our best services.

Thanking you, we remain Yours faithfully,

For, ENVIRO AXIS INDIA PVT. LTD.,

SHAIKH BASHIR
DIRECTOR



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ANNEXURE I

Sewage Quantity: 30.0 m³/day

Nos. of SBR Bioreactor: 1 No

Number of working hours = 5 batch during 100% sewage load

i.e. Average Flow : 6.0 m³/per batch for feeding in SBR Tank from Equalization Tank.

QUALITY OF THE RAW SEWAGE

SR. NO.	DETAILS	CONCENTRATION	UNITS
1.	pH	6 - 8	--
2.	Total Suspended solids	< 200	mg/lit
3.	Chemical Oxygen Demand	250-500	mg/lit
4.	Biochemical Oxygen Demand, 5 day, 27 °C	200-300	mg/lit
5.	Oil & Grease	< 15	mg/lit

QUALITY OF THE TREATED SEWAGE

SR. NO.	DETAILS	CONCENTRATION	UNITS
1.	pH	6 - 8	--
2.	Total Suspended solids	< 10	mg/lit
3.	Chemical Oxygen Demand	< 60	mg/lit
4.	Biochemical Oxygen Demand, 5 day, 27 °C	< 10	mg/lit
5.	Oil & Grease	Nil	mg/lit

Head Office : 17/A, First Floor, GNP Solitare Industrial Premises, Near Vicco Naka, MIDC Phase 1, Dombivli (East), Thane, Maharashtra - 421201.

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ANNEXURE II

CLIENT SCOPE OF SUPPLY

- 1) Any Local Mathadi Charges, Liaison and approval from statutory authorities.
- 2) During project execution, power and Fresh water supply
- 3) All Type of civil work.
- 4) Earthing And Incoming Cabling Up to Panel Shall Be Provided by Client. Necessary Main Earth Grid Connection to Panel & Earth Pit Shall Be Provided by Client.
- 5) Main effluent Line Connection Up to ETP Inlet & Treated Water Distribution Line.



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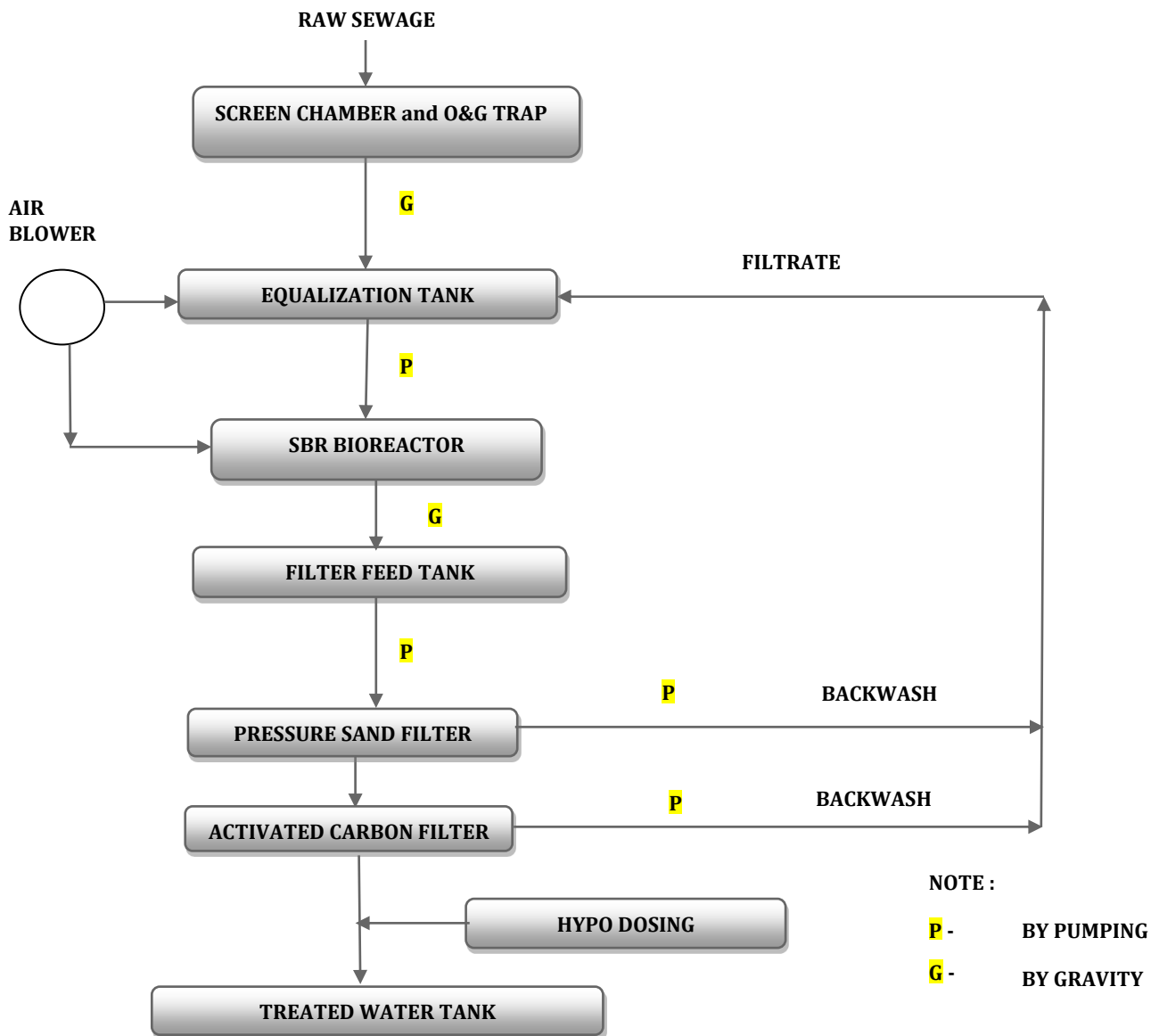


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ANNEXURE III

PROCESS FLOW SHEET

PROCESS FLOW SHEET -FOR STP



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ANNEXURE IV

TECHNICAL SPECIFICATION & SCOPE OF SUPPLY FOR ETP

A) PREFABRICATED TANKS: BY EAIPL

SR.NO	EQUIPMENT DESCRIPTION	QTY.	MOC
1	Screen Chamber cum Oil & Grease Tank	1	MSFRP
2	Equalization Tank	1	MSFRP
3.	SBR Bioreactor	1	MSEP
4.	Filter Feed Tank	1	MSEP
5.	Treated Water Tank	1	MSFRP
6.	Ladder & Railings for safe operation for Tank view	1	MSEP

NOTE : ABOVE TANKS WORK ARE INCLUDING OF MS WALKWAY & RAILINGS FOR TANK VIEW.

B) ELCTRO-MECHANICAL EQUIPMENT LIST: BY ENVIRO AXIS

SR. No.	EQUIPMENT DETAILS	SIZE/ Capacity	Unit	QTY	MOC	MAKE
1.	Bar Screen	08-10 mm Clear Spacing	Nos	1	MSEP	EA/ Reputed fabricator
2.	Raw Sewage Transfer Pump	Capacity : 10 m ³ /hr @ 8m head Type : Vertical Submersible Non-clog	Nos	1W+ 1S	CI	Kirloskar/ Crompton/ Leo/Lubi/ Eq.
3.	Air Grid for Raw Sewage Collection Tank, SBR Tank	Suitable as per required to provide aeration in all the tanks	Lot	1	PVC/ UPVC	Supreme/ Astral/ Eq.
4.	Air Blower with Motor	Capacity : 55.0 m ³ /hr @ 0.4 kg/cm ² pressure	Nos	1W+ 1S	CI	Blower : Airvak/ Alpha/A1/ Eq. Motor : Crompton/ Bharat Bijilee/ Eq.
7.	Fine Bubble Membrane diffusers	Type – Fine BubbleTubular Diffusers Dia 63/90 mm x 1000 mmmm Long	Lot	1	EPDM	Aquatech Int/ SCogen/ W2P/ Rehuo/ Eq.

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9.	Sludge Pump	Return	8.0 m ³ /hr @ 10 m Head Type : Self Priming Horizontal centrifugal	Nos	1	CI	Kirloskar/ Crompton
10.	SDB Media		Suitable as per required to fill in Sludge Drying Bed	Lot	1	--	Reputed supplier
11.	Filter Feed Pump		2.5 m ³ /hr @ 30 m Head Type : Horizontal Centrifugal monoblock	Nos	1W+ 1S	CI	Shimge/ KBL/ CRI/Leo/eq.
12.	Pressure Sand Filter		Flow : 2.5 m ³ /hr Accessories : Frontal piping, Top-Bottom distribution System, Multiport valve, Pressure release valve, Pressure gauges, etc. Filtration Media – various layers of Graded sand media.	Nos .	1	FRP	Sterlite/ Pentair/ Aquanomix/Eq.
13	Activated Carbon Filter		Flow : 2.5 m ³ /hr Accessories : Frontal piping, Top-Bottom distribution System, Multiport valve, Pressure release valve, Pressure gauges, Sampling valve Filtration Media – Activated carbon & layers of Graded sand	Nos .	1	FRP	Sterlite/ Pentair/ Aquanomix/Eq.
14	Hypo Dosing Pump		0 to 5 LPH	Nos .	1	PP	E-dose/ Proaqua/ Aquanomics/Eq.
15	Hypo Dosing Tank		50 Lit	Nos .	1	HDPE/ LDPE	--
16	Instrumentations		Level Switches, Pressure gauges, etc.	Lot	1	--	Reputed supplier
17	Piping Fittings within Battery Limit		All interconnecting Piping & fittings, water & sewage distribution line, filter frontal piping, air submerge line – PVC/ UPVC Air Blower Header & Surface Air Line – MSEP/GI	Lot	1	UPVC/ PVC & MSEP/ GI	UPVC/ PVC – Supreme/ Astral/ Eq. MS/GI- Zenith/ Jindal/ Apollo/ Tata
18	Control Panel		Type : Non compartmental non draw out type Standard Semiautomatic. Foot mounting, Suitable for all above feeders. Copper bus bar, outgoing feeders with OLR and starters, on/trip indication will be provided on Panel.	Unit	1	MS Powder coated	Switch gears – L&T/ Schneider/ Siemens/ Eq.

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19	Interconnecting Cabling & Accessories	All interconnection cables for above mentioned equipment's. suitable sizes as per HP. Cable trays & PVC Trunks for routing with proper supports	Lot	1	Copper flexible cables. Tray- GI/ PVC Trunks	Cables : Polycab/ Eq.
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ANNEXURE V

PRICE SCHEDULE AND TERMS AND CONDITIONS

A) PRICE SCHEDULE:

Sr. No.	Description	Basic Amount in INR. FOR Hyderabad
	Civil Excluded	
2.	OUR BASIC CHARGES FOR DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF MECHANICAL, ELECTRICAL AND INSTRUMENT ITEMS AS PER THE LIST GIVEN IN TECHNICAL BID FOR PACKAGE SEWAGE TREATMENT PLANT HAVING CAPACITY 30 KLD SBR SYSTEM EXCEPT CIVIL WORK. As per scope provide in Annexure-IV: Part A & B	15,60,000.00
	TOTAL	15,60,000.00

TERMS AND CONDITIONS:

Taxes & Duties	Extra at actual (At present GST 18%)
Transportation	Nil, (Included) in above price
Any local mathadi charges/ Statutory approvals	Client's scope
PAYMENT TERMS: 40 % advance against confirm work order. 40 % Against delivery of material at site. 20 % after Installation & Commissioning.	
Delivery Period: within 4 to 6 weeks from the date of Confirm Order & Drawing Approval.	
Installation Period: within 1 to 2 weeks from the date of Delivery of material at site (Subject to Civil works completion & Electrical Power supply from client)	
Warranty: we give warranty of the equipment for 12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier. We guarantee the treated effluent quality requirements up to operation and maintenance.	
Offer Validity: 30 days.	

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