Tindivanam Pharma Park Association (TPPA)

Block D1, Baid Metha Complex, No.16, Anna Salai, Little Mount, Saidapet, Chennai - 600 015

TENDER REFERENCE NO. TPPA/CF Development/CETP/2024-25/01

DESIGN, ENGINEERING, CONSTRUCTION, FABRICATION, SUPPLY, ERECTION & COMMISSIONING, AND TESTING OF 250 KLD CAPACITY ZERO LIQUID DISCHARGE (ZLD) BASED COMMON EFFLUENT TREATMENT PLANT (CETP) ON A TURN-KEY BASIS, INCLUDING 12 MONTHS COMPREHENSIVE OPERATION AND MAINTENANCE AT TANSIDCO PHARMA INDUSTRIAL PARK, PELLAKUPPAM, KOLLAR & VENMANIYATHUR VILLAGES, TINDIVANAM TALUK, VILLUPURAM DISTRICT, TAMIL NADU

CORRIGENDUM-1

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1.	7	Scope of Work	2.1 (d)	To add	d. The project involves the construction of an administrative building designed with reinforced cement concrete (RCC) structural elements. The facility will encompass a built-up area of 1000 square feet and will include an internal laboratory area, storage room, an office area, and adequate restrooms.
2.	13	Earnest Money Deposit	11.	The Tender should be accompanied by an Earnest Money Deposit (EMD) to the value of Rs.20,00,000/- (Rupees Twenty Lakh only), including GST, in the form of Demand Draft (DD) in favour of Tindivanam Pharma Park Association payable at Chennai. EMD should be in the name of the Bidder/ Firm. Bidders are to provide their GST Registration details	The Tender should be accompanied by an Earnest Money Deposit (EMD) to the value of Rs.20,00,000/- (Rupees Twenty Lakh only), including GST, in the form of Demand Draft (DD) in favour of Tindivanam Pharma Park Association payable at Chennai or in the form of Bank Guarantee (BG) valid for three years from the date of advertisement. EMD should be in the name of the Bidder/ Firm. Bidders are to provide their GST Registration details

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3	16	Bid Due Date	14 (a)	before th	Bid and Enclosures of Bid should be submitted on or before the Bid Due Date i.e., 03.12.2024, 3.00 PM in the manner and form as detailed in this Tender Document. Bid and Enclosures of Bid should be submitted to before the Bid Due Date i.e., 10.12.2024, 3.00 PM in manner and form as detailed in this Tender Document.										
4	22	Retention Money	24	will be r	Retention Money will be 5% against each bill. The same will be released upon successful COD and completion of 20 months and handing over of all the works certified by TPPA / Consultants appointed by TPPA. Retention Money will be 5% against each bill. The same retention money deducted during the implementation the project will be released upon successful achiever of the Commercial Operation Date COD of the CETP. The retention money deducted during the 12-month Operiod will be released upon successful completion O&M period of 12 months and handing over of all works, as certified by TPPA / Consultants appointed TPPA.										
5	25	Payment	30 (i)			Percentage				Percentage					
		Terms		SI	Milestone /	of Total		Sl	Milestone /	of Total					
				No	Item Description	contract		No	Item Description	contract					
				1	Submission of all Basic Engineering drawings and documents and site mobilization	value 5%		1	Submission of all Basic Engineering drawings and documents and site mobilization	value 5%					
				2	30% completion of civil works related to all civil tanks in the CETP project	5%		2	30% completion of civil works related to all civil tanks in the CETP project						
				3	Supply of all major mechanical items like evaporators, strippers, RO plant, ATFD	20%		3	Supply of all major mechanical items like evaporators, strippers, RO plant, ATFD	15%					
				4	Supply of other mechanical items like pumps, filters, tanks, agitators, aerators	5%		4	Supply of other mechanical items like pumps, filters, tanks, agitators, aerators	5%					

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No	No		No	5	Supply of all mechanical bulk items like pipes, fittings, valves and control panel	5%	5	Supply of all mechanical bulk items like pipes, fittings, valves and control panel	5%
				6	60% completion of civil works pertaining to Item 2 above	5%	6	60% completion of civil works pertaining to Item 2 above	10%
				7	Supply of Utility items like, Boiler, Chimney, Boiler BOP, Cooling tower, pumps etc	10%	7	Supply of Utility items like, Boiler, Chimney, Boiler BOP, Cooling tower, pumps etc	10%
				8	Supply of Electrical major items like Transformer, DG set, MV Panel	10%	8	Supply of Electrical major items like Transformer, DG set, MV Panel	5%
				9	Supply of Utility related piping bulk items and electrical-related bulk items like cables, cable trays, lighting etc	5%	9	Supply of Utility related piping bulk items and electrical-related bulk items like cables, cable trays, lighting etc	5%
				10	90% completion of civil works pertaining to Item 2 above	5%	10	90% completion of civil works pertaining to Item 2 above	10%
				11	Completion of piping works pertaining to CETP including utilities	5%	11	Completion of piping works pertaining to CETP including utilities	2.5%
				12	Completion of electrical, instrumentation works in CETP and main Electrical works	5%	12	Completion of electrical, instrumentation works in CETP and main Electrical works	2.5%
				13	Transformer chagrining from TNEB after getting CEIG approval	2.5%	13	Transformer chagrining from TNEB after getting CEIG approval	2.5%
				14	Startup of Boiler after IBR approvals	2.5%	14	Startup of Boiler after IBR approvals	2.5%
				15	Successful commissioning of CETP plant with guarantee runs	5%	15	Successful commissioning of CETP plant with guarantee runs	5%

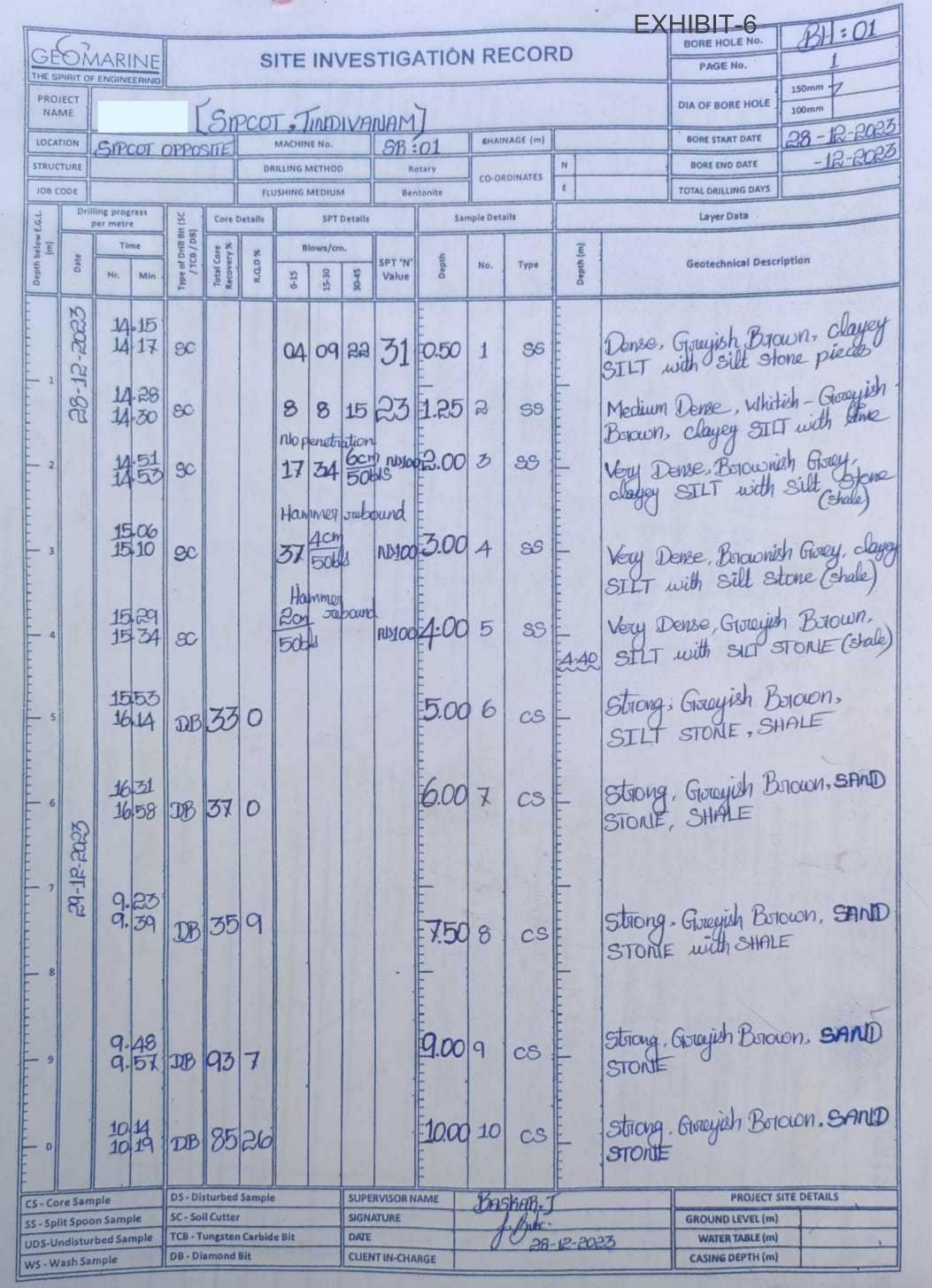
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No	No		No	16 doo ma A retention account (I RA bills s	omission of cumentation included amount equivaled AA) bill value shows the class per the Class	ent to 5% all be dea tention n	of the running lucted from all noney shall be		Submission of As-built documentation including O&M manual A retention amount equivalent to 5% of the ru account (RA) bill value shall be deducted from RA bills submitted. The retention money share released as per Clause 24 of this tender documents.						
6	47	Annexure –	3	S.N	o Description	UOM	Limit			S.No	Description	UOM	Limit		
		X		1	рН		6 to 8			1	рН		6 to 8		
		Section – 2		2	TDS	PPM	NMT 5000			2	TDS	PPM	NMT 5000		
		Basis of Design		3	COD	PPM	NMT 5000			3	COD	PPM	NMT 5000		
				4	BOD	PPM	NMT 100			4	BOD	PPM	NMT 1000		
				5	TSS	PPM	NMT 1000			5	TSS	PPM	NMT 1000		
				6	Oil & Grease	PPM	Traces			6	Oil & Grease	PPM	Traces		
				7	Ammonia	PPM	50			7	Ammonia	PPM	50		
7	65	Annexure – X Section – 5 Reference Drawing	4		To ac	ld		4. Soil Test Report (Exhibit 6)							
8	65	Annexure – X Section – 5	5		To add 5. Contour drawing (Exhibit 7)										

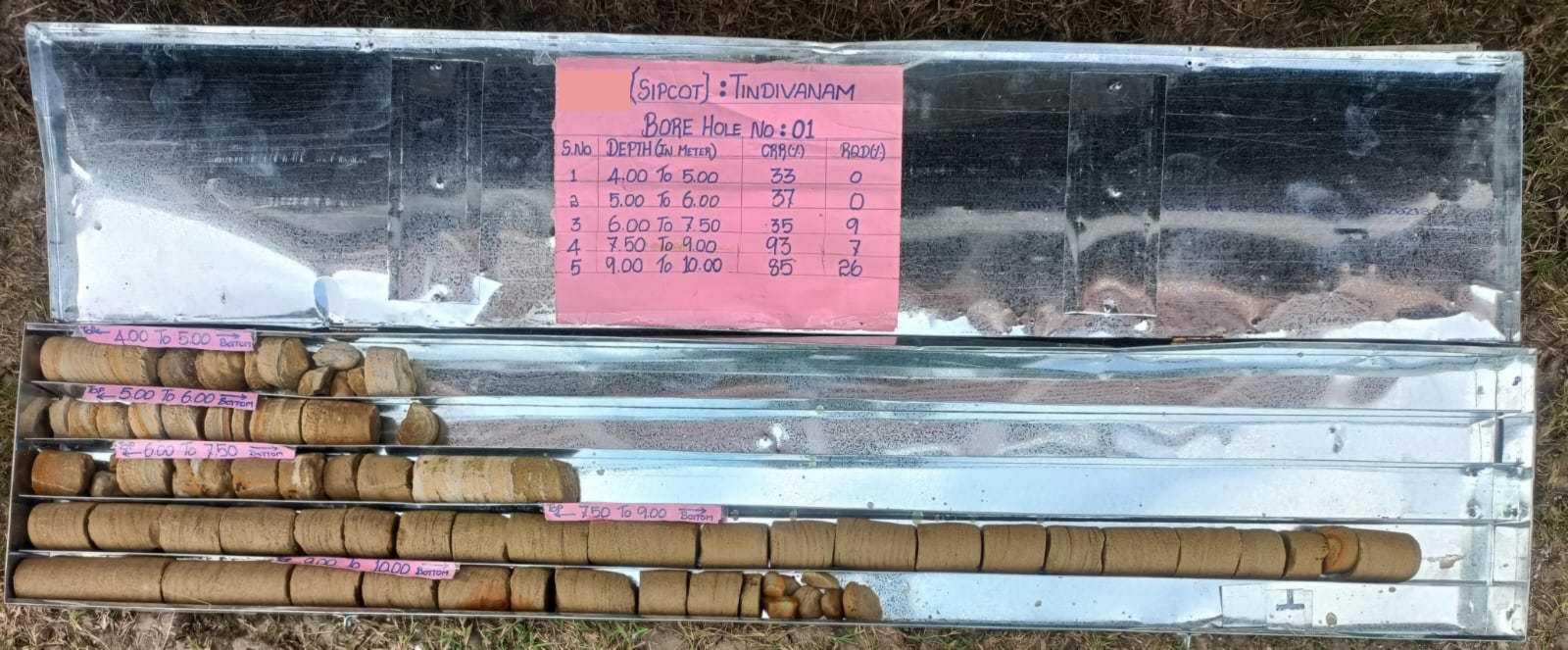
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140	140	Reference Drawing	110		
9	65	Annexure – X Section – 5 Reference Drawing	6	To add	6. Indicative Inlet Pipeline levels (Exhibit 8)
10	66	Annexure – X Section – 6	2 (a)	(a) Bidder shall operate and maintain the Common Effluent Treatment Plant, Utilities, Boiler and related accessories, Electrical substation and its related infrastructure, system proposed for recycled water and provision for transport of Solid waste generated (salt), complete for 6 years on 24 hours x 7 day basis throughout the year.	(a)Bidder shall operate and maintain the Common Effluent Treatment Plant, Utilities, Boiler and related accessories, Electrical sub-station and its related infrastructure, system proposed for recycled water and provision for transport of Solid waste generated (salt), complete for 12 months on 24 hours x 7 day basis.
11	69	Annexure – X Section – 6	2 (s)	(s) The Bidder shall carryout cement paint/ enamel paint/ white wash for exterior finish of civil units twice during in six year of O & M of the plant and shall also carry out painting on mechanical equipment/ above ground pipe lines/ hand railing twice in six years of O & M of the plant. On the expiry date of his contract operation and maintenance, the Bidder shall hand over the plant back to TPPA in fully working condition satisfying the requirement of treated Effluent. All the electrical, mechanical and instrumentation	(s) On the expiry date of his contract operation and maintenance, the Bidder shall hand over the plant back to TPPA in fully working condition satisfying the requirement of treated Effluent. All the electrical, mechanical and instrumentation including standby shall be in perfect working condition. An option to extend the O & M shall be mutually discussed and agreed if required at the end of the 12 months period

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				including standby shall be in perfect working	
				condition. An option to extend the O & M shall	
				be mutually discussed and agreed if required at	
				the end of the six year period	

Managing Director

Tindivanam Pharma Park Association





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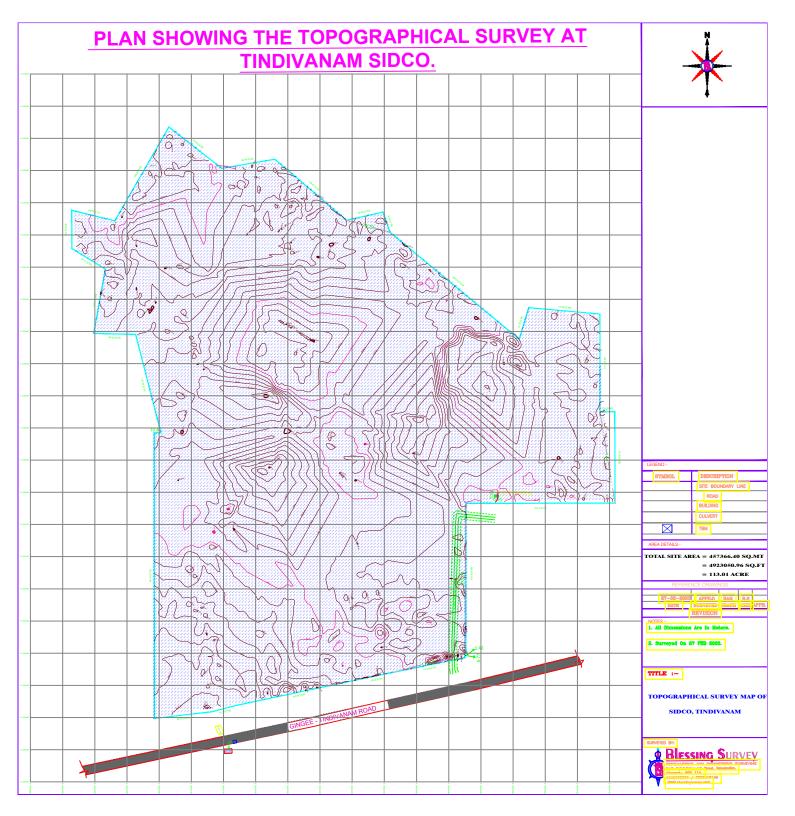


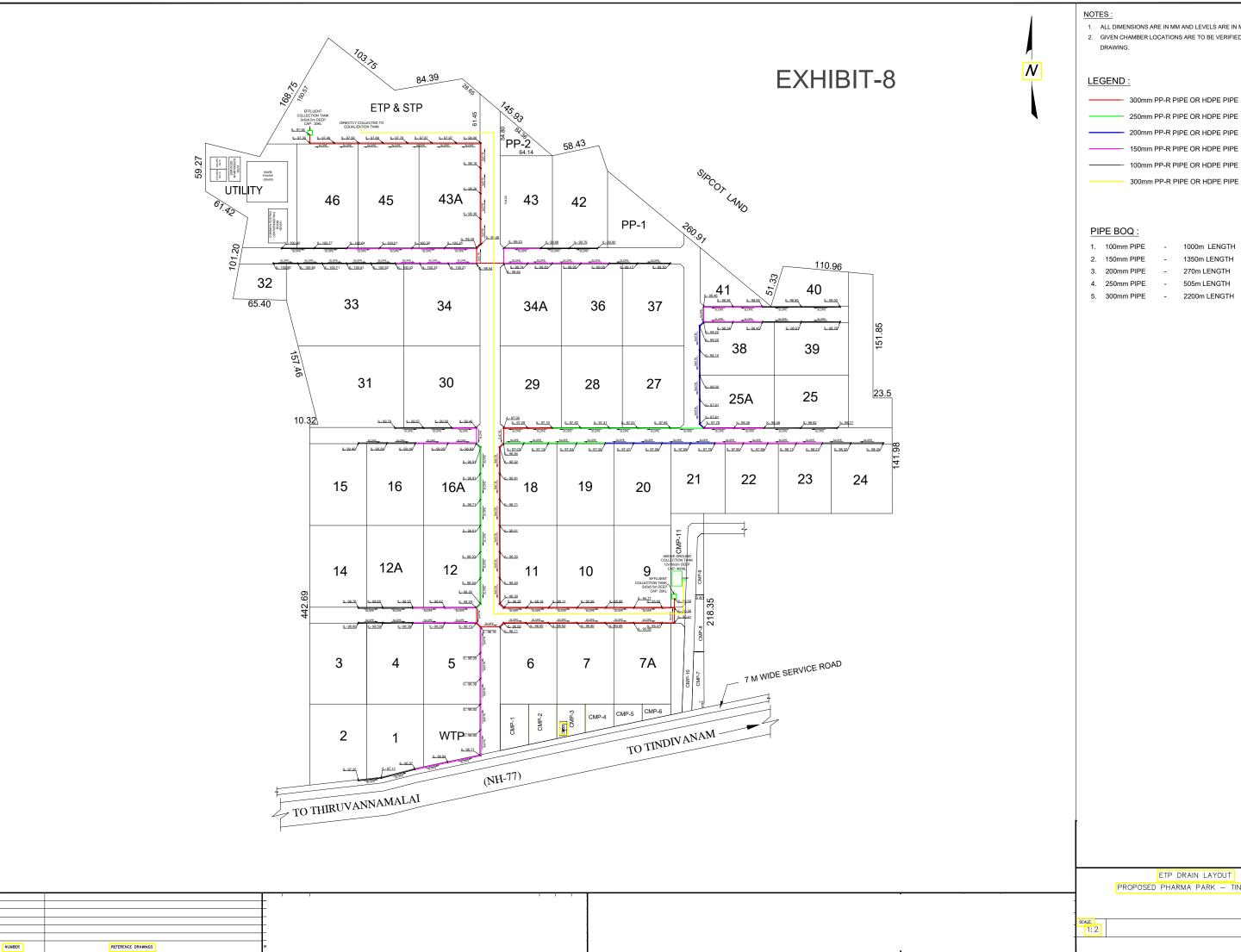
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-	CODE				_			METHOD				CO-01	RDINATES	N		BORE END DATE	01-01-2024	
-	Dril	ling prog		٧	[[Petalls	SHING	MEDIUN		Bei	ntonite			E		TOTAL DRILLING DAYS	2	
ow E.G		per metr	me	11 Bit (SC DB)		etans		SPT	Details	1	San	nple Deta	nils		-	Layer Data		
Depth below E.G.L.	Date	Time Total Core of Original Recovery X Total Core of Original									Geotechnical Description							
	2-2023	2 16 00 sc 2 6 8 0.50 1 33 Still 7											Bolownish G Hobs	vey, CLAY				
1	30-12	16	15	90			4	6		•	125	2	SS		Very 3	tiff, Whitish	- Gracuish y with lines (SHALE)	
2		16 16	31	sc				Pen 17			⊋.00	3	83		Hard, (Streyizh Brace Chay rick	on, SILT SILT	
3		16 16	44	sc.		1	14a 19	mmer 33	55 5	ourd NYO	<i>3.0</i> 0	4	SS		1	Dense, Giorgish Brown - (SILT STONE Spiece)		
		拉门	01	æ			Han 26	11107 701 50b	l	ourd N/100	4.00	5	SS				jsh Brown, Listonie)	
5	01-2024	H	03	DB 3	32	0					5.00	6	cs		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Gizey, SHALE	
6	10-10	9.24 9.57		Æ	34	0					6.00	ヌ	cs		Hood to	strong. Be	nownish Gory	
7		10 11	41.28	DB	6916						7.50	8	cs	السيساسا	Hard of Grey, S	o Stong P SHALE (SA)	STOWNISH WISTONE)	
9			47	B	73	ヌ					9.00	9	cs	بسلسسب	Hood to	Storong, G SANDS	zwysh Brown Towe)	
- 0		沿沿	·44 11	DB	85	23	(s 1	<u>1</u> 0,00	10	cs	سلسس		Brownish	Grey, STAD	
-							$\mathcal{B}_{\mathcal{C}}$	RE	Ho	DLE	TERM			EAT	10.00	mt DEPTH		
	re Sam		10	DS - Disturbed Sample						SUPERVISOR NAME BASKAR J							SITE DETAILS	
	lit Spoo Indistur			SC - Soil Cutter TCB - Tungsten Carbide Bit					DATE	ATURE			F. Had	01010	023	GROUND LEVEL (m) WATER TABLE (m)		
	/ash Sai			DB - Dia						T IN-CHA	RGE			Aliele		CASING DEPTH (m)		
]		







1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METER. 2. GIVEN CHAMBER LOCATIONS ARE TO BE VERIFIED WITH STP

300mm PP-R PIPE OR HDPE PIPE

150mm PP-R PIPE OR HDPE PIPE

— 100mm PP-R PIPE OR HDPE PIPE

300mm PP-R PIPE OR HDPE PIPE

1000m LENGTH

505m LENGTH

2200m LENGTH

ETP DRAIN LAYOUT

PROPOSED PHARMA PARK - TINDIVANAM

SHEET: REV. NO. | 8