

ABSTRACT OF COST

ABSTRACT OF COST FOR PROPOSED WORKS – NEWLY PROPOSED OF SEWAGE TREATMENT PLANT BASED ON MODERN TECHNOLOGY – SBR OF 3.1 MLD CAPACITY AT ASHWINI KHAD

S. N.	Description	Unit	Qty	Rate in Lacs	Amount in Lacs
1	Survey, Investigation, Design and Drawing for 3.1 MLD STP of Advanced modern SBR technology. 1.5% of Capex Cost.	Lot	1	13.44	13.44
2.	<p>Construction, Site development, testing, commissioning and giving satisfactorily trials of 3.1 MLD STP of Advanced modern SBR technology which can be accommodated in limited identified land space consisting of Primary, Secondary and Tertiary Treatment Units as per the requirement of designed CPHEEO norms relevant IS codes etc. necessary piping work with required valves, gates, drains, path Ways, Administration Block cum Laboratory, Laboratory Equipments, Internal Roads, Pathways, Compound Wall, Tools and plants, Treated effluent arrangements complete as turnkey job with all involved Civil, electrical, Instrumentation and mechanical works Inclusive of following Items, units as per detailed specifications for civil, electrical, Instrumentation and mechanical components complete to achieve latest CPCB/ HPPCB / CPHEEO discharge standards BOD < 10ppm, TSS < 10ppm, Biological TN<10 ppm & TP < 2ppm to get recyclable quality of water for Industrial / agricultural purposes. All units shall be interconnected with administration building by suitable or RCC overhead walkways at the STP component as per the scope and confirming norms as mentioned above. The plant should be completely automated with PLC - SCADA etc complete.</p> <p>Ref: Quotations – Annexure-1 Note : Quotation attached/considered is including design & drawing cost. Hence herewith considered 1.5% for design & drawing. Amount of 1.5% deducted from the quotation and mentioned separately in Sr. No.1.</p>	MLD	3.1	284.858	883.06

A	Sub Total (A)				896.5
B	Incoming 11 KV HT Power Supply from "Source" to HT Substation of the Sewage Treatment Plant towards HPPCL/HPSEBL	Lot	1	7.7	7.7
C	Total (A+B)				904.20
D	Taxes - GST @ 12%	%	12%	108.50	108.50
E	Capex Total Cost (A+B+C)				1012.69
3	Operation and Maintenance cost of 3.1 MLD STP for 5 Years	Lot	1	277.47	277.47
	Grand Total Cost of Capex and Opex of 3.1 MLD STP				1290.16

Price Basis: The price considered above is exclusive of GST as applicable and any additional Tax levied at the time of Supply of Execution.

Assistant Engineer
Sewerage Sub Division
SJPNL, Tutikandi, Shimla-4

Additional General Manager,
(Sewerage) SJPNL Tutikandi
Shimla-4

DPR Technically approved for ₹ 1290.17 Crore only
Rupees Twelve Crore Ninety Lakhs seventeen thousand only

Circle Head / Draughtsman
Shimla Jal Prabandhan Nigam Ltd
Shimla (H.P.)

Manager-1
Design & Planning
SJPNL, Shimla (H.P.)

Additional General Manager
Bulk Water Supply
SJPNL, Shimla (H.P.)

Approved.

MD-Cum-CEO
Shimla Jal Prabandhan Nigam Ltd
Shimla (H.P.)