Tinpatan Rural Municipality
Office of The Rural Municipal Executive
Lampantar, Sindhuli
Bagmati Province, Nepal

SANITARY ESTIMATION

Project: Preparation of Master Plam and Detail Project Report (DPR) for Construction of B.P. Smriti Bhawan, Tin
Location: Tinpatan Rural Municipality-11, Faat, Sindhuli

Item No.	Description of Works	Unit	Quantity	Rate (NPR)	Amount (NPR)
	Providing and fixing in position of all work items with all necessary fittings complete with testing and ready for operation as per drawings, specifications, manufacturer's recommendations and instructions. The rate shall include for position marking, maintain line, level or grade wherever required, sand filling/compaction, earth cutting and backfilling, cutting, chasing of walls, plasters or tiles etc. and making good and touching up to restore to original conditions wherever instructed and applicable for any of the items below.				
	Sanitaryware: Hindware/ Parryware/ Cotto or equivalent				
	CP Fixtures: Hindware/ Parryware/ Jaquar or equivalent				
	SWR Pipes: Marvel/ Mangalam/Panchakanya or equivalent PVC				
	Hot/Cold Water Supply Pipe and fittings: Marvel/ Managlam/ Panchakanya or equivalent CPVC				
	Gun Metal Gate Valve: LEADER/SANT or equivalent				
	Ball Valve: Marvel/ Managlam/ Panchakanya or equivalent CPVC				

Item No.	Description of Works	Unit	Quantity	Rate (NPR)	Amount (NPR)
	B. WATER SUPPLY INSTALLATION				
	CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass specials required for complete installation, cutting, jointing, sealing of joints etc, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately.				
	C. SEWER, VENT, RAIN AND WASTE WATER INSTALLATION				
	PVC SWR (Soil, Waste, Rain) pipes with all necessary ring gaskets, PVC fittings,UPVC Bend Specials, including MS clamps, hangers, cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct or hung to ceilings as per drawings, specifications, manufacturer's recommendations, instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running meters, fittings etc not payable seperately.				