



Republic of the Philippines
Department of Science and Technology
PHILIPPINE SCIENCE HIGH SCHOOL
MIMAROPA Region Campus

PROJECT : CONSTRUCTION OF ELEVATED WATER TANK WITH MAIN WATER NETWORK
 LOCATION : Brgy. Rizal, Odiongan, Romblon
 OWNER : Philippine Science High School- Mimaropa Region Campus
 SUBJECT : Bill of Quantity

BILL OF QUANTITY

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
SPL 1	Detailed Engineering Design	1	lot		
SPL 2	Mobilization and Demobilization	1	lot		
SPL 3	Temfacil, Field Office, Warehouse, Temp. Fences	1	lot		
SPL 4	Permits and Clearances	1	lot		
SPL 5	Safety Sign-Including Warning Sign, Uniforms, Helmet(PPE)	1	lot		
SPL 6	Surveying and Staking	1	lot		
SPL 7	As-Built Plan	1	lot		
SPL 8	Costruction of Main Supply Water Storage Tank				
	Site Layout and Preparation		sq. m.		
	Excavation works		cu.m.		
	Gravel Bedding		cu.m.		
	Steel Reinforcement		kgs		
	Formworks		sq. m.		
	Supply and Installation of Main supply pipe stub and fittings	1	lot		
	Concrete pouring and Waterproofing		cu.m.		
SPL 9	Installation of Main pipeline and pipe support				
	Excavation for pipe support foundation		cu.m		
	Steel Reinforcement		kgs		
	Formworks		sq.m.		
	Concrete pouring		cu.m		
	Layout and Installation of pipes	1	lot		
	Supply and Installation of pipe clamps and u-bolts	1	lot		
SPL 10	Construction of Cistern Tank				
	Site Layout and Preparation		sq.m.		
	Excavation works		cu.m.		
	Gravel Bedding		cu.m.		
	Steel Reinforcement		kgs		
	Formworks		sq.m.		
	Lean concreting		cu.m.		
	Concrete pouring of floor,wall and baffles		cu.m.		
	Supply and Installation of non-corrossive fixed ladder	1	lot		
	Supply and Installation of SS splash plate	1	lot		
	Supply and Installation of supply pipe stub, vents and fittings	1	lot		
	Concrete pouring of top slab		cu.m.		
	Supply and Installation of accesss manhole		lot		
	Supply and Installation of Level Indicator		unit		
	Supply and Installation of Level Switch		unit		
	Construction of Elevated Water Storage Tank, Mechanical, Room, Water Treatment Room				
SPL 11	Earthworks				
	Excavation works		cu.m.		
	Gravel Bedding		cu.m.		
	Backfilling and Compacting		cu.m.		
	Soil Treatment		sq.m.		
SPL 12	Structural				
	Steel Reinforcement		kgs		
	Formworks		sq.m.		
	Concreting		cu.m.		
SPL 13	Architectural				

	Masonry		sq.m.		
	Steel Reinforcement		kgs		
	Supply and Installation of Doors and Windows including hardware and consumables	1	lot		
	Tile Works	1	lot		
	Painting Works		sq.m.		
	Finishing and Restoration		sq.m.		
SPL 14	Mechanical				
	Layout and Fabrication works	1	lot		
	Supply and Installation of Railings, brackets and supports	1	lot		
	Supply and Installation of access ladders	1	lot		
	Supply and Installation of safety enclosures	1	lot		
	Supply and Installation of AC Units		unit		
	Supply and Installation of Pump and Motor assembly	1	lot		
	Supply and Installation of Pump Skid	1	lot		
	Supply and Installation of RO System	1	lot		
	Supply and Installation of Steel platforms	1	lot		
	Painting and Finishing Works		sq.m.		
SPL 15	Electrical				
	Pipes and Fittings	1	lot		
	Panel boards	1	lot		
	Outlet and Lights	1	lot		
	Wires	1	lot		
SPL 16	Plumbing				
	Supply and Installation of pipes and fittings	1	lot		
	Supply and Installation of Plumbing fixtures and devices	1	lot		
SPL 17	Electronics and Communication				
	CCTV System	1	lot		
	InterCom System	1	lot		
	Alarm System	1	lot		
TOTAL PROJECT COST					

PREPARED BY:

Contractor's Authorized Representative's Name and Signature

Contractor's Name

Address

Contact No.(s)