

Nomor : 033.SP/VGL.G-WAB/III/2025
 Perihal : **Penawaran Harga Uji Laboratorium**

Kepada Yth
Pimpinan
PT. WAHANA ALAM BUMIJAYA
 Di-
 Tempat

Dengan hormat,
 Sehubungan dengan rencana PT. WAHANA ALAM BUMIJAYA yang akan melakukan Analisis Batuan dan/atau Tanah, untuk itu kami atas nama Management PT. VANDER GEO LABORATORY memberi penawaran harga uji sampel sebagai berikut

NO	TEST	OUTPUT	STANDARD	QTY	RATES	SUB TOTAL	
A	Preparation						
	1	Preparation Sample		1	85,000	85,000	
	2	Raw Material (Coring) :					
		- Igneous Rocks		1	180,000	180,000	
		- Sedimentary rocks		1	120,000	120,000	
B	Soil Mechanics						
	1	Natural Moisture Content	ω	SNI 1965:2008	1	90,000	90,000
	2	Spesific Gravity	Gs	SNI 1964:2008	1	90,000	90,000
	3	Atterberg Limits :					
		- Liquid Limit Test	LL	SNI 1967:2008	1	90,000	90,000
		- Plastic Limit Test	PL	SNI 1966:2008	1	90,000	90,000
	4	Bulk Density	ρ	SNI 03-3637-1994	1	90,000	90,000
	5	Dry Density	P _d	SNI 03-3637-1994	1	90,000	90,000
	6	Uniaxial Compressive Strength (UCS)	qu	SNI 3638-2012	1	360,000	360,000
	7	Grain Size Analysis					
		- Sieve Analysis		SNI 3423-2008	1	110,000	110,000
		- Hydrometer		SNI 3423-2008	1	110,000	110,000
	8	Triaxial UU, CU, CD					
		- Triaxial Unconsolidated Undrained		SNI 4813:2015	1	200,000	200,000
		- Triaxial Consolidated Undrained	C,φ	SNI 2455-2015	1	550,000	550,000
		- Triaxial Consolidated Drained	C,φ	SNI 2455-2015	1	550,000	550,000
9	Direct Shear Strength	C _{peak} , φ _{peak} , C _{app} , φ _{app}	ISRM 2007	1	390,000	390,000	
10	Permeability	k	ISRM 2007	1	250,000	250,000	
C	Rock Mechanics						
	1	Basic Pysical Properties	P _{nat} , ρ _{dry} , ρ _{sat} , W, S _r , n, e	ISRM 2007	1	180,000	180,000
	2	Uniaxial Compressive Strength (UCS)	σ _c	ISRM 2007	1	360,000	360,000
	3	UCS + Deformation	σ _c , E	ISRM 2007	1	420,000	420,000
	4	Point Load Index (PLI)	Is	ISRM 2007	1	180,000	180,000

5	Brazilian Test	σT	ISRM 2007	1	180,000	180,000
6	Direct Shear Strength	$C_{peak}, \phi_{peak},$ C_{app}, ϕ_{app}	ISRM 2007	1	390,000	390,000
7	Permeability		ISRM 2007	1	250,000	250,000
SUBTOTAL						5,405,000
PPN(11%)						594,550
TOTAL						5,999,550

Demikian Penawaran Harga ini kami sampaikan, yang nantinya dapat sebagai bahan pertimbangan. Atas perhatiannya kami ucapkan terimakasih.

Samarinda, 06 Maret 2025



Donny A. Kismat, S.T
 Direktur Utama