

Nomor : 044.SP/VGL.G-BT/V/2025
 Perihal : **Penawaran Harga Uji Laboratorium**

Kepada Yth

PT BARA TABANG

Di-

Tempat

Dengan hormat,

Sehubungan dengan rencana PT BARA TABANG 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)	q_u	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
C	9 Direct Shear Strength	$C_{peak}, \phi_{peak}, C_{app}, \phi_{app}$	ISRM 2007	1	390,000	390,000
	10 Permeability	k	ISRM 2007	1	250,000	250,000
	Rock Mechanics					
	1 Basic Physical Properties	$P_{nat}, \rho_{dry}, \rho_{sat}, W, S_r, n, e$	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	σ_T	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

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

Samarinda, 21 Mei 2025

DRAFT SURAT PENAWARAN

