

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT  
Office Order**

The RADHE LAB SOLUTION PVT. LTD., Shop No -8 Punjab Complex, VPO-Bhatauli Kalan, Baddi, Solan, Himachal Pradesh-(e-mail adheciviltesting@gmail.com) has fulfilled the conditions laid down vide government letter bearing No:PBW(B)F(8)1/2012, dated: 29.5.2017 for empanelment in HPPWD as Private Material Testing Laboratory for the NABL accredited tests. The list of NABL(National Accreditation Board for Laboratories) accredited tests was provided by the firm. The following compliances have been made by the RADHE LAB SOLUTION PVT. LTD.:

1. NABL accreditation of the tests provided is w.e.f 19.10.2023 to 18.10.2025 and the detail of the tests is given further. The accreditation of the lab can also be seen on the website of NABL at the link given: <http://www.nabl-india.org/nabl/index.php?c=search>.
2. The test house deposited the application fee& empanelment fee amounting to Rs. 500/- &Rs. 5000/- (Payment receipt No-1584706 dated 07.08.2024 in the government treasury.
3. The test house has agreed to terms & conditions, and to charge rate of tests as per the approved HPPWD rates vide its letter dated: 07.08.2024.

**The test house is hereby empanelled subject to following terms and conditions:-**


- a) This empanelment is **valid up to 18.10.2025** as per your NABL (National Accreditation Board for Laboratories) accreditation.
- b) All tests of materials in the field shall be conducted in the presence of concerned Assistant Engineer/Junior Engineer in charge of work.
- c) The firm shall keep complete documentation, supported with photographs / video graphy and tests be conducted showing the presence of field staff of HPPWD.
- d) The payment for tests conducted by the firm shall be made by the concerned Executive Engineer after completing all codal formalities and all statutory deductions.
- e) In case of unsatisfactory performance of the firm, the empanelment is liable to be withdrawn by the department (HPPWD).
- f) All the test results shall be submitted to concerned Executive Engineer in triplicate along with one set of test results to this office addressed to Engineer-in-Chief (Project) Shimla on the same date.
- g) The empanelment is only for the tests for which NABL accreditation has been obtained by Test House.

The rate of tests approved by the HPPWD shall be inclusive of all taxes.

Sr. No.	Name of tests	Approved Rates	
		In figure	In words
<b>A.</b>	<b>Coarse Aggregates:</b>		
A-1	Sieve Analysis of aggregate IS: 2386 (Part-1)--1997	500.00	(Rupees five hundred only)
A-2	Impact Value of aggregate IS: 2386 (Part-4)--1997	500.00	(Rupees five hundred only)
A-3	Flakiness index of aggregate IS: 2386 (Part-1)—1997	500.00	(Rupees five hundred only)
A-4	Elongation Index of aggregate IS: 2386 (Part-1)—1997	500.00	(Rupees five hundred only)
A-5	Specific Gravity of aggregate IS: 2386 (Part-3)—1997	500.00	(Rupees five hundred only)
A-6	Water Absorption of aggregate IS: 2386 (Part-3)—1997	500.00	(Rupees five hundred only)
<b>B.</b>	<b>Fine Aggregate (Coarse Sand):-</b>		
B-1	Sieve Analysis of sand IS: 383-1970	500.00	(Rupees five hundred only)
B-2	Fineness Modulus of Sand IS: 383-1970	500.00	(Rupees five hundred only)
B-3	Silt Content of Sand IS: 383-1970	400.00	(Rupees four hundred only)
B-4	Bulk density of sand IS:2386 (Part-3) 1997	300.00	(Rupees three hundred only)
<b>C.</b>	<b>Concrete:-</b>		
C-1	Design Mix of Concrete with trials As per latest relevant IS Code	10000.00	(Rupees ten thousand only)
C-2	Comp. Strength of Concrete Cubes (IS: 516-1959) a set of three cubes.	500.00	(Rupees five hundred only)
C-3	Core cutting up to a depth of 30cm the concrete /Bitumen with core dia 100mm & 150MM	1000.00	(Rupees one Thousand only)
<b>D.</b>	<b>Bricks:-</b>		
D-1	Compressive Strength of Bricks IS: 3495 (Part-1) 1992 a set of five bricks.	500.00	(Rupees five hundred only)
D-2	Water Absorption of Bricks IS: 3495 (Part-2) 1992	500.00	(Rupees five hundred only)
<b>E.</b>	<b>Wood:- 1992</b>		
E-1	Moisture content of wood IS: 287-1993	550.00	(Rupees five hundred fifty only)
E-2	Density of Wood As per latest relevant IS Code	300.00	(Rupees three hundred only)
<b>F.</b>	<b>Stone:-</b>		
F-1	Crushing strength of Stone As per latest relevant IS Code	500.00	(Rupees five hundred only)
F-2	Water absorption of Stone As per latest relevant IS Code	400.00	(Rupees four hundred only)
<b>G.</b>	<b>Cement:-</b>		
G-1	Initial & final setting of time IS: 4031 (Part-5) 1988	550.00	(Rupees five hundred fifty only)
G-2	Soundness test of cement As per latest relevant IS Code	500.00	(Rupees five hundred only)



G-3	Fineness test of cement As per latest relevant IS Code	500.00	(Rupees five hundred only)
G-4	Compressive strength of Cement As per latest relevant IS Code	500.00	(Rupees five hundred only)
H.	<b>Pavement:-</b>		
H-1	Benkelman Beam Test IRC:81-1997	1200.00 per KM.	(Rupees one thousand two hundred only)
H-2	Density of compacted layer IS: 2720 (Part-28) 1974 (Sand replacement method).	500.00	(Rupees five hundred only)
H-3	%age of Binder Content As per latest relevant IS Code	700.00	(Rupees seven hundred only)
I.	<b>Bitumen test:-</b>		
I-1	Penetration test IS: 1203- 1978	500.00	(Rupees five hundred only)
I-2	Ductility test IS: 1208- 1978	500.00	(Rupees five hundred only)
I-3	Softening point As per latest relevant IS Code	500.00	(Rupees five hundred only)
I-4	Viscosity test IS: 1206- 1978	500.00	(Rupees five hundred only)
I-5	Fire and flash point IS: 1209- 1978	500.00	(Rupees five hundred only)
I-6	Marshall's Stability test As per latest relevant IS Code	1500.00	(Rupees one thousand five hundred only)
I-7	Stripping Value of aggregate As per latest relevant IS Code	500.00	(Rupees five hundred only)
I-8	Core cutting up to a depth of 30cm the concrete /Bitumen with core dia 100mm & 150MM	1000.00	(Rupees one Thousand only)
J.	<b>Soil Mechanism:</b>		
J-1	Standard Penetration Test including interpretation of Bearing capacity .00 dynamic Cone Penetration Test As per latest relevant IS Code	5000.00	(Rupees five thousand only)
J-2	Plate load Test IS: 1888-1982	15000.00	(Rupees fifteen thousand only)
J-3	Mix Design of Granular Sub Base As per latest relevant IS Code	6000.00	(Rupees six thousand only)
J-4	C.B.R. of soil IS: 2720 (Part-16)1985	1600.00	(Rupees one thousand six hundred only)
J-5	Sieve Analysis of Soil IS: 2720(Part-4) 1985	500.00	(Rupees five hundred only)
J-6	Atterbergs Limits of Soil IS: 2720(Part-5) 1985	500.00	(Rupees five hundred only)
J-7	Proctor compaction test of soil IS: 2720(Part-7) 1985	750.00	(Rupees seven hundred fifty only)
J-8	Density of Soil IS: 2720(Part-28)1974	500.00	(Rupees five hundred only)
J-9	Moisture content of soil IS: 2720(Part-2) 1973	200.00	(Rupees two hundred only)

  
 Engineer-in-Chief(Project)  
 HPPWD, NirmanBhawan Shimla

No.PW. E-in-C(QC&D) WS/WA-III/RLS/Pvt.Ltd. lab./20224- 4134-1223 Dated 20/4/2024

**Copy forwarded to:-**

1. The Principal Secretary (PW) to the Govt. of Himachal Pradesh Shimla-2 for information please.
2. The Engineer-in-Chief, HPPWD, Nirman Bhawan Shimla-2, for information please.
- ✓ 3. All the Zonal Chief Engineer, HPPWD, Shimla Zone, Mandi Zone, Hamirpur Zone and Kangra Zone at Dharamshala for information and necessary action please.
4. The Chief Engineer (PMGSY) HPPWD, Nirman Bhawan Shimla-2; for information please.
5. The Chief Engineer, State Roads Project, HPRIDC, Nirman Bhawan Shimla-2 for information please.
6. The Chief Engineer (NH) HPPWD, Nirman Bhawan Shimla, for information please.
7. All Superintending Engineers, HPPWD, through e-mail, for information and necessary action.
8. All the Executive Engineers, HPPWD, through e-mail, for information and necessary action.
9. Nodal Officer (IT) HPPWD, Nirman Bhawan Shimla-2, for information uploading the same on HPPWD website.
10. The RADHE LAB SOLUTION PVT. LTD., Shop No -8 Punjab Complex, VPO- Bhatuli Kalan, Baddi, Solan, Himachal Pradesh-(e-mail adheciviltesting@gmail.com)for information.

Engineer-in-Chief(Project)  
HPPWD, Nirman Bhawan Shimla