



PT CALENDAR & PROTOCOL- March 2024

This schedule is revised every month as most of the rounds are repeated every three to six months.

(Building Material, Soil & Rock, NDT, Metals & its Alloy, Rubber, Paper, Plastic, Textile & Geosynthetics, Water, Fertilizer, Food, Atomshperic Pollution, Animal feed and Coal)

(A) Soil & Rock including Field test (B) Aggregate (C) Concrete,AAC & Solid Block, Paver block, Tile

(D) Cement & Flyash (E) Bitumen , PMB, Emulsion (F) Fabric (mech & Chem), Yarn , Geogrid, Geotextile

(G) Others- Bricks, Tiles, Pipe, Wood, GSM. WBM,WMM etc (H) NDT (BM & Metal) (I) Metals & its Alloy

(J) Coal (K) Chemical-Soil, Cement, Water, Admixture, Steel, Aggregate, Flyash,mirco Silica

(L) Paper, Rubber & Plastic (M) Fertilizer (N) Water (P) Animal Feed

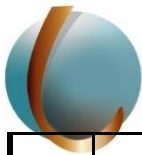
(O) Food & Agricultural Product (R) Atomspheric Pollution

Test parameters written in italic are non-accredited parameters.

GROUP -I MECHANICAL TESTING

Sub Group - (A) SOIL & ROCK

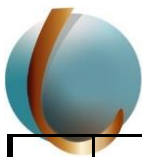
Product code: S&R-1			Product : Soil			
S.No.	Parameters	Method	Fees		Tentative material dispatch schedule	
			Indian CABs	Non Indian CABs [#]		
(i)	Liquid Limit	IS: 2720 (Part 5)-1985 /Any equivalent Method	INR 9500.00	Equivalent to USD 270	LPTM/SOIL/A10/24	Apr-24
(ii)	Plastic Limit	IS-2720 (Part 5)-1985/Any equivalent Method				
(iii)	Shrinkage Limit	IS-2720 (Part VI)-1972 /Any equivalent Method				
(iv)	Specific Gravity	IS: 2720 (Pt-III) Sec.1/2 /Any equivalent Method				
Product code: S&R-2			Product : Soil			
(i)	Dry Sieve Analysis	IS: 2720 (Pt-IV)/Any equivalent Method	INR 9500.00	Equivalent to USD 270	LPTM/SOIL/A06/24	Apr-24
(ii)	Wet Sieve Analysis					
(iii)	Hydrometer Analysis	IS: 2720 (Pt-IV) (Clause 5.2) /Any equivalent Method				
(iv)	Free Swell Index	IS 2720 (Part XL/Any equivalent Method				
Product code: S&R-3			Product : Soil			
(i)	Heavy compaction	IS: 2720 (Part VIII)/ Any equivalent Method	INR 11000.00	Equivalent to USD 290	LPTM/SOIL/A05/24	Running
(ii)	Light Compaction	IS: 2720 (Part VII)/Any equivalent Method				
(iii)	CBR	IS:2720(Part-16) Any equivalent Method				



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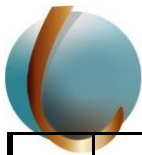
S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: S&R-4			Product : Soil			
(i)	Direct Shear test (Consolidated Un-drained)	IS 2720 (Part-13) /Any equivalent Method	INR 11000.00	Equivalent to USD 290	LPTM/SOIL/A03/24	Running
(ii)	Tri-axial without pore water pressure (UU)	IS 2720 (Part-11) / Any equivalent Method				
(iii)	Unconfined Compressive Strength	IS 2720 (Part-10) /Any equivalent Method				
Product code: S&R-5			Product : Natural Stone			
(i)	Compressive Strength	IS: 1121 (Part-1)/ Any equivalent Method	INR 14000.00	Equivalent to USD 400	LPTM/NAST/A04/24	Apr-24
(ii)	True Specific Gravity	IS: 1122/Any equivalent Method				
(iii)	Apparent Specific Gravity	IS: 1124/Any equivalent Method				
(iv)	Apparent Porosity					
(v)	Water Absorption					
(vi)	Scratch Hardness (Moh's Scale)	IS 13630 (Part 13)/Any equivalent Method				
Product code: S&R-6			Product : Natural Rock			
(i)	Unconfined compressive Strength	IS: 9143 /Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/NARC/A07/24	Apr-24
(ii)	Dry Relative Density	IS: 13030 /Any equivalent Method				
(iii)	Water Content					
(iv)	Optional Parameter: Point Load Index	IS: 8764/Any equivalent Method	INR 4000.00	Equivalent to USD 100		

Product code: S&R-7		Product : Bentonite				
(i)	Sand Content	IS: 6186 /Any equivalent Method	INR 5000.00	Equivalent to USD 115	LPTM/BENS/A12/23	Running
(ii)	Swelling Power					
(iii)	Moisture Content					
(iv)	Fineness					
Product code: S&R-8		Product: Soil				
(i)	Permeability(CH)	IS 2720 (Part-17) / Any Equivalent Method	INR 16000.00	Equivalent to USD 450	LPTM/SOIL/A14/23	Running
(ii)	Permeability(FH)					
(iii)	Consolidation (CC)					
(iv)	Swelling Pressure					
Product code: S&R-10		Product : Natural Rock				
(i)	Tensile Strength by Indirect test(Brazilian Test)	IS 10082/ Any Equivalent Method	INR 15000.00	Equivalent to USD 425	LPTM/NARC/A02/24	May-24
(ii)	Poisson ratio	IS 9221/ Any Equivalent Method				
(iii)	Modulus of elasticity					

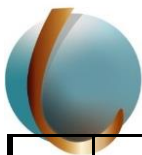


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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: S&R-9 ^{\$}			Product: Soil (Field Testing)			
(i)	Field density by sand replacement method	IS 2720 Part-28/ Any Equivalent Method	INR 12000.00	Equivalent to USD300	LPTM/SOIL/A11/24	Running
(ii)	Field density by core cutter method	IS 2720 Part-29/ Any Equivalent Method				
(iii)	Rapid Determination of moisture content using calcium carbide	IS 2720 Part-2/ Any Equivalent Method				
Product code: S&R-12 ^{\$}			Product: Soil (Field Testing)			
(i)	Standard Penetration Test	IS 2131: 1981	INR 16000.00	Equivalent to USD 450	LPTM/SOIL/A08/24	Running
Product code: S&R-13 ^{\$}			Product: Soil (Field Testing)			
(i)	Static Plate Load Test	IS 1888	INR 12000.00	Equivalent to USD 300	LPTM/SOIL/A20/23	Running
Product code: S&R-14 ^{\$}			Product: Soil (Field Testing)			
(i)	Field CBR	IS 2720 Part-31/ Any Equivalent Method	INR 12000.00	Equivalent to USD300	LPTM/SOIL/A19/23	Running
Product code: S&R-15 ^{\$}			Product: Soil (Field Testing)			
(i)	Electrical resistivity test	IS:3043/ Any Equivalent Method	INR 12000.00	Equivalent to USD300	LPTM/SOIL/A09/24	April.24
Sub Group - (B) AGGREGATE						
Product code: AGGT-1			Product : Coarse Aggregate			
(i)	Los Angles Abrasion Value	IS: 2386(Part-IV) /Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/COAG/B01/24	Running
(ii)	Crushing Value					
(iii)	10% Fine Value					
(iv)	Impact Value					
(v)	Bulk Density	IS: 2386 (Part-III)-1963/Any equivalent Method				
(vi)	Soundness	IS:2386(Part-V) /Any equivalent Method				
Product code: AGGT-2			Product : Fine Aggregate			
(i)	Sieve Analysis(Gradation)	IS: 2386 (Part-I)-1963 /Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/FIAG/B03/24	April.24
(ii)	Bulk Density (Compacted)	IS: 2386 (Part-III) /Any equivalent Method				
(iii)	Materials finer than75μ	IS: 2386 (Part-I) /Any equivalent Method				
(iv)	Water Absorption	IS: 2386 (Part-III) /Any equivalent Method				
(v)	Specific gravity	IS: 2386 (Part-III) /Any equivalent Method				
(vi)	Soundness	IS 2386 (Part V) /Any equivalent Method				

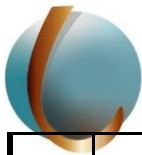


S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: AGGT-3		Product : Coarse Aggregate				
(i)	Sieve Analysis(Gradation)	IS: 2386 (Part-I)-1963 /Any equivalent Method	INR 11000.00	Equivalent to USD 290	LPTM/COAG/B02/24	Running
(ii)	Water Absorption	IS: 2386 (Part-III) /Any equivalent Method				
(iii)	Specific Gravity					
(iv)	Elongation Index	IS: 2386 (Part-I)-1963 /Any equivalent Method				
(v)	Flakiness Index					
(vi)	Materials finer than75μ	IS: 2386 (Part-I) /Any equivalent Method				
Sub Group - (C) CONCRETE						
Product code: CONC-1		Product : Hardened Concrete				
(i)	Compressive Strength (Cube/Core)	IS: 516(P-I/S-1)/ 516(P-4) /Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/CONC/C03/24	Running
(ii)	Density	IS:516(Part2/Sec1):2018 Any equivalent Method				
Product code: CONC-2		Product: Fresh Concrete				
(i)	Consistency (Workability by Slump Test)	IS 1199(P-2):2018/Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/WOSL/C08/24	May-24
(ii)	Compressive strength by accelerated curing	IS 9013 (1978)/Any equivalent Method				
Product code: CONC-3		Product: Hollow & Solid CC Blocks				
(i)	Compressive Strength	IS:2185 (Part I) Annex D/Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/COBL/C09/24	May-24
(ii)	Block Density	IS:2185 (Part I) Annex C/Any equivalent Method				
(iii)	Water Absorption	IS:2185 (Part I) Annex E /Any equivalent Method				
Product code: CONC-4		Product: Paver Blocks				
(i)	Compressive Strength	IS : 15658 Annex-D/Any equivalent Method	INR 11000.00	Equivalent to USD 290	LPTM/PVBL/C04/24	Running
(ii)	Water Absorption	IS : 15658 Annex-C/Any equivalent Method				
(iii)	Dimension	IS 15658 (Annexure B) /Any equivalent Method				
(iv)	Optional parameter: Abrasion Resistance	IS :15658 Annex-E/Any equivalent Method	INR 3000.00	Equivalent to USD 80		
Product code: CONC-5		Product: AAC Blocks				
(i)	Compressive Strength	IS: 6441 (Part-5)/Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/AACB/C02/24	March-24
(ii)	Moisture Content	IS: 6441 (Part-I)/Any equivalent Method				
(iii)	Bulk Density	IS: 6441 (Part-I)/Any equivalent Method				



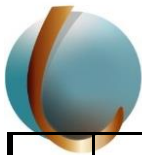
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code:		CONC-6	Product:		Concrete Tiles	
(i)	Abrasion Resistance Test	IS: 1237 / Any equivalent Method	INR 15000.00	Equivalent to USD 425	LPTM/TILE/C07/23	Running
(ii)	Straightness					
(iii)	Flatness					
(iv)	Water Absorption					
(v)	Perpendicularity					
(vi)	Wet Transverse Strength					
Product code:		CONC-7	Product:		Hardened Concrete (Beam)	
(i)	Flexural strength test	IS 516(P-1/S-1)/ Any Equivalent Method	INR 12000.00	Equivalent to USD300	LPTM/CONC/C06/24	May-24
Product code:		CONC-8	Product:		Hardened Concrete (Cube)	
(i)	Split tensile strength test	IS 516 (P-1/S-1)/ Any Equivalent Method	INR 10000.00	Equivalent to USD300	LPTM/CONC/C08/23	Running
Product code:		CONC-9	Product:		Hardened Concrete (Cube)	
(i)	Permeability test	IS 3085:1965/ Any Equivalent Method	INR 10000.00	Equivalent to USD300	LPTM/CONC/C13/23	Running
Product code:		CONC-10	Product:		Hardened Concrete (Cube)	
(i)	RCPT	ASTM C 1202 or AASHTO T 277/ Any Equivelnt method	INR 10000.00	Equivalent to USD300	LPTM/CONC/C07/24	Jun-24
Sub Group - (D) CEMENT						
Product code:		CEMT-1	Product:		CEMENT (OPC & PPC)	
(i)	Compressive Strength	IS: 4031 (Pt-6) /Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/CEMT/D02/24	Running
(ii)	Consistency	IS: 4031 (Pt-4) /Any equivalent Method				
(iii)	Setting Time Initial & Final	IS: 4031 (Part-5) /Any equivalent Method				
(iv)	Density	IS: 4031 (Pt-11) /Any equivalent Method				
(v)	Fineness (By Blain Air)	IS: 4031 (Part 2) /Any equivalent Method				
(vi)	Soundness (Le-Chatelier method)	IS: 4031(Pt-3) /Any equivalent Method				
Product code:		CEMT-2	Product:		Fly Ash	
(i)	Soundness (Autoclave)	IS: 1727 /Any equivalent Method	INR 8000.00	Equivalent to USD 225	LPTM/FLAS/D01/24	May-24
(ii)	Fineness (By Blain Air)					
(iii)	Soundness (Le-Chatelier method)					
(iv)	Residue on 45 micron					
(v)	Specific Gravity					



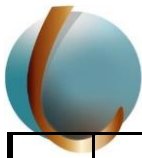
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABS	Non Indian CABS [#]		
Product code: CEMENT-4			Product: Tile Bond Adhesive			
(i)	Open time	IS 15477	INR 10000.00	Equivalent to USD 285	LPTM/TBAD/D04/23	Running
(ii)	Adjustment time					
(iii)	Slip test					
Sub Group - (E) BITUMEN						
Product code: BITU-1			Product: Bitumen			
(i)	Specific Gravity	IS: 1202 /Any equivalent Method	INR 14000.00	Equivalent to USD 400	LPTM/BITU/ E01/24	Running
(ii)	Softening Point	IS: 1205 /Any equivalent Method				
(iii)	Penetration Test	IS: 1203 /Any equivalent Method				
(iv)	Ductility Test	IS: 1208 /Any equivalent Method				
(v)	Flash Point	IS: 1209 /Any equivalent Method				
(vi)	Solubility in Trichloroethylene	IS: 1216 /Any equivalent Method				
(vii)	Absolute Viscosity at 60°C	ASTM D 4402/IS 1206 (part-2)/Any Equivalent Method				
(viii)	Kinematic Viscosity at 135°C	ASTM D 4402/ IS 1206 (part-3)/Any equivalent Method				
Product code: BITU-2			Product: Bituminous Mix/Core			
(i)	Bitumen Content	IRC SP -112/Any equivalent Method	INR 14000.00	Equivalent to USD 450	LPTM/BTMX/E03/24	Apr-24
(ii)	Density	ASTM D-2726 /Any equivalent Method				
(iii)	Marshall Stability	ASTM D-6927/Any equivalent Method				
(iv)	Optional parameter: Maximum Theoretical Specific Gravity (G _{mm})	ASTM D-2041-/Any equivalent Method	INR 1000.00			
(v)	Optional parameter: Tensile Strength Ratio	IRC SP 79 (Annex-E): / Any equivalent Method	INR 1000.00			
Product code: BITU-3			Product: Bitumen Emulsion			
(i)	Residue on 600 micron	IS : 8887(Annex B) /Any equivalent Method	INR 15000.00	Equivalent to USD 425	LPTM/BIEM/E02/24	Jun-24
(ii)	Viscosity by Saybolt furol viscometer at 25°C & 50°C	IS : 3117 /Any equivalent Method				
(iii)	Water content	IS:1211/Any equivalent Method				
(iv)	Residue by Evaporation	i) IS : 8887Annexure – J				
	Penetration	ii) IS:1203				
	Ductility	iii)IS:1208				
	Solubility in Trichloroethylene	iv) IS:1216 /Any equivalent Method				



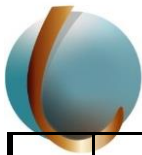
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: BITU-4			Product: Polymer Modified Bitumen			
(i)	Flash Point	IS 1448 P-69/ Any equivalent Method	INR 15000.00	Equivalent to USD 425	LPTM/PMBT/E04/24	Jul-24
(ii)	Softening Point	IS: 1205/ Any equivalent Method				
(iii)	Penetration Test	IS: 1203 /Any equivalent Method				
(iv)	Elastic Recovery on PMB	IS: 15462 /Any equivalent Method				
(v)	Separation Difference in Softening Point	IS 15462 (Annex C)/Any equivalent Method				
(vi)	Test On Residue					
	a. Increase in Softening Point	IS 1205/ Any Equivalent method				
	b. Reduction in Penetration	IS 1203/ Any Equivalent method				
Product code: BITU-5			Product: Bitumen Emulsion			
(i)	Particle charge	IS 8887 / Any Equivalent Method	INR 15000.00	Equivalent to USD 425	LPTM/BIEM/E05/23	Running
(ii)	Storage stability after 24 hr.	IS 8887 / Any Equivalent Method				
(iii)	Coating ability and water resistance	IS 8887 / Any Equivalent Method				
(iv)	Stability to mixing with cement	IS 8887 / Any Equivalent Method				
(v)	Miscibility with water	IS 8887 / Any Equivalent Method				
(vi)	Distillation Test	IS 1213/ Any Equivalent Method				
(vii)	Coagulation of emulsion at low temperature	IS 8887 / Any Equivalent Method				
Sub Group - (G) OTHERS						
Product code: TILE-1			Product: Ceramic/Vitrified Tiles			
(i)	Rectangularity	IS 13630 (Part 1) / Any equivalent Method	INR 15000.00	Equivalent to USD 425	LPTM/TILE/G06/23	Running
(ii)	Straightness					
(iii)	Scratch Hardness of Surface (Moh’s Scale)	IS 13630 (Part 13) /Any equivalent Method				
(iv)	Modulus of Rupture	IS 13630 (Part 6) / Any equivalent Method				
(v)	Breaking Strength					
(vi)	Water Absorption	IS 13630 (Part 2)/ Any equivalent Method				
(vii)	Bulk Density					
Product code: BRIC-1			Product: Building Bricks			
(i)	Compressive Strength	IS: 3495 (Pt -I) /Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/BRIC/G02./24	Running
(ii)	Water Absorption	IS:3495 (Pt -II) /Any equivalent Method				
(iii)	Dimension Test	IS:1077 or IS:12894				



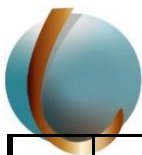
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: WOOD-1			Product: Timber & Plywood			
(i)	Moisture Content	IS:1708(Part-I) / Any equivalent Method	INR 10000.00	Equivalent to USD 285	LPTM/WOOD/G03/24	Jul-24
(ii)	Specific Gravity	IS:1708(Part-II)/Any equivalent Method				
(iii)	Density (In Plywood)	IS: 303, IS:1734(Part-I) /Any equivalent Method				
(iv)	Moisture Content (In Plywood)					
Product code: PIPE-1			Product: Thermoplastic & G.I. Pipe			
(i)	Dimensions (GI pipe) a. Outside Diameter, b. Thickness	IS: 1239 (Part-1) /Any equivalent Method	INR 10000.00	Equivalent to USD 285	LPTM/PIPE/G01/24	Jul-24
(ii)	Nominal Mass (GI pipe)					
(iii)	Dimensions (PVC Pipe) Wall Thickness & Mean Outside Diameter	IS: 12235 (Part-1)/Any equivalent Method				
(iv)	Density (in thermoplastic pipe)	IS: 12235 (Part-14)/Any equivalent Method				
(v)	Vicat Softening Temperature	IS: 12235 (Part-2) /Any equivalent Method				
(vi)	Tensile Strength Test	IS: 12235 (Part-13) /Any equivalent Method				
Product code: WBMB-1			Product: Water Bound Macadam Sub.Base /Base			
(i)	Impact Value	IS: 2386(Part-IV) /Any equivalent Method	INR 15000.00	Equivalent to USD 400	LPTM/WMMB/G04/24	Jul-24
(ii)	Wet Impact Value	IS 5640				
(iii)	Los Angles Abrasion Value	IS: 2386(Part-IV) /Any equivalent Method				
(iv)	Combined EI and FI	IS: 2386(Part-I) /Any equivalent Method				
(v)	Water Absorption	IS: 2386(Part-III) /Any equivalent Method				
(vi)	Sieve Analysis(Gradation)	IS 2720 P-4/ Any equivalent Method				
(v)	Plastic Limit	IS: 2720 (Part 5)-1985 /Any equivalent Method				
(vi)	Liquid Limit	IS-2720 (Part 5)-1985/Any equivalent Method				



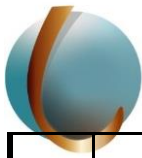
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: WMMB-1			Product: Water Mix Macadam		Sub.Base /Base	
(i)	Impact Value	IS: 2386(Part-IV) /Any equivalent Method	INR 15000.00	Equivalent to USD 400	LPTM/WMMB/G05/24	Jul-24
(ii)	Los Angles Abrasion Value					
(iii)	Combined EI and FI	IS: 2386(Part-I) /Any equivalent Method				
(iv)	Water Absorption	IS: 2386(Part-III) /Any equivalent Method				
(v)	Sieve Analysis(Gradation)	IS 2720 P-4/ Any equivalent Method				
(vi)	Plastic Limit	IS: 2720 (Part 5)-1985 /Any equivalent Method				
(v)	Liquid Limit					
(vi)	OMC-MDD	IS 2720 P-8				
Product code: GSBB-1			Product: Granular Sub.Base			
(i)	Impact Value	IS: 2386(Part-IV) /Any equivalent Method	INR 15000.00	Equivalent to USD 400	LPTM/GSBB/G06/24	Jul-24
(ii)	Los Angles Abrasion Value					
(iii)	Water Absorption	IS: 2386(Part-III) /Any equivalent Method				
(iv)	Sieve Analysis(Gradation)	IS 2720 P-4/ Any equivalent Method				
(v)	Plastic Limit	IS: 2720 (Part 5)-1985 /Any equivalent Method				
(vi)	Liquid Limit					
(v)	OMC-MDD	IS 2720 P-8				
(vi)	CBR	IS 2720 P-40				
Sub Group - (I) METALS & ITS ALLOYS						
Product code: METL-1			Product: TMT Bars			
(i)	Tensile Strength	IS 1608 & IS 1786/Any equivalent Method	INR 10000.00	Equivalent to USD 285	LPTM/TMTB/I02/24	Running
(ii)	Yield Stress					
(iii)	Elongation					
(iv)	Mass per Meter Length					
Product code: METL-2			Product: Structural Steel			
(i)	Tensile Strength	IS 1608 (Part 1) & ISO 6892/Any equivalent Method	INR 10000.00	Equivalent to USD 285	LPTM/STEL/I07/24	Jun-24
(ii)	Yield Stress					
(iii)	Elongation					
Product code: METL-4			Product: Strand Wire			
(i)	Breaking Strength	IS 1608 /Any equivalent Method	INR 10000.00	Equivalent to USD285	LPTM/WIRE/I04/23	Running
(ii)	0.2% Proof Load					
(iii)	Elongation					
(iv)	Dimension	IS 14268/Any equivalent Method				
(v)	Mass per Meter Length					
(vi)	Tensile strength					
(vii)	Length of Lay					



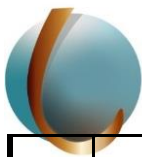
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code:		METL-6	Product:		Coupler	
(i)	Tensile strength	IS 1608 /Any equivalent Method	INR 14000.00	Equivalent to USD 400	LPTM/COUP/I01/24	Running
(ii)	Total elongation at maximum force					
(iii)	Location of failure					
Product code:		METL-5	Product:		G.I. Sheet Metal	
(i)	Mass of Zinc coating	IS 6745 : 1972/ Any Equivalent Method	INR 5000.00	Equivalent to USD 115	LPTM/ZINC/I05/23	Running
Product code:		METL-7	Product :		Rockwell Hardness	
(i)	HRA	ASTM E18, IS1586 (P-1), ISO 6508 (P-1)/ Any Equivalent Method	INR 6000	Equivalent to USD200	LPTM/METL/I03/24	Jul-24
(ii)	HRB					
(iii)	HRC					
Product code:		METL-8	Product :		Brinell Hardness	
(i)	[(HBW) 10/3000]	ASTM E10, IS 1500 (P-1),ISO 6506-1,)/ Any Equivalent Method	INR 6000	Equivalent to USD200	LPTM/METL/I04/24	Jul-24
(ii)	(HBW) (2.5/187.5)					
(iii)	[(HBW) 5/750]					
Product code:		METL-9	Product :		Vicker Hardness	
(i)	HV 30	ASTM E 92, IS 1501 (P-1),ISO 6507 (P-1))/ Any Equivalent Method	INR 6000	Equivalent to USD200	LPTM/METL/I05/24	Jul-24
(ii)	HV 20					
(iii)	HV 10					
(iv)	HV 5					
Product code:		METL-10	Product :		Micro Vicker Hardness	
(i)	HV-0.2	ASTM E 384, IS 1501 (P-1),ISO 6507-1)/ Any Equivalent Method	INR 6000	Equivalent to USD200	LPTM/METL/I06/24	Sept 24
(ii)	HV-1					
(iii)	HV-0.3					
(iv)	HV 0.5					
(v)	HV-0.1					
Sub Group - (F) TEXTILE MATERIAL						
Product code:		TEXT-2	Product:		Geotextiles	
(i)	Wide Width Tensile Strength	IS 16635/ ASTM D 4595/Any equivalent Method	INR 15000.00	Equivalent to USD 400	LPTM/GETX/ F02/24	Running
(ii)	Static Puncture Strength (CBR Push Through)	ASTM D6241:2014/Any equivalent Method				
(iii)	Trapezoid Tearing Strength	ASTM D 4533/ IS 14293/Any equivalent Method				
(iv)	Mass per unit area	IS 14716:2021/Any equivalent Method				
(v)	Grab Breaking Load	ASTM D 4632/Any equivalent Method				
(vi)	Index Puncture Resistance	ASTM D 4833/Any equivalent Method				



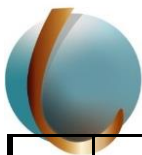
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: TEXT-1			Product: Geogrids			
(i)	Tensile Strength	ASTM D 6637:2001 /Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/GECD/ F01/24	Apr-24
(ii)	Thickness (RIB and Junction)	ASTM D 5199:2011/ Any equivalent Method 2				
Product code: TEXT-3			Product: Fabric			
(i)	Mass Per Unit Area	IS 7016 : Pt 1 :Sec 2 /Any equivalent Method	INR 8000.00	Equivalent to USD 225	LPTM/FABR/ F02/23	May-24
(ii)	Tear Resistance	IS 7016 : Pt 3:Sec 1/Any equivalent Method				
(iii)	Tensile Strength	IS 7016 : Pt 2/Any equivalent Method				
(iv)	Bursting Strength by Diaphragm Bursting	IS 1966 (Pt 1)/ASTM D 3786 /Any equivalent Method				
(v)	Threads Per Unit Length	IS 1963: 2004/Any equivalent Method				
(vi)	Breaking Strength (Grab Test)	ASTM D5034/IS 1969 (PT-2) /Any equivalent Method				
(vii)	Bursting Strength by Ball Burst	ASTM D 3787/Any equivalent Method				
(viii)	Breaking Force by Strip Method	ASTM D 5035/IS 1969 (Pt 1) /Any Equivalent Method				
Product code: TEXT-4			Product: Fabric			
(ix)	pH	IS 1390 /Any Equivalent Method	INR 8000.00	Equivalent to USD 225	LPTC/FABR/ F03/23	May-24
(x)	scouring loss	IS 1383/Any Equivalent Method				
(xi)	Blend Composition	IS 3416/Any Equivalent Method				
(xii)	Water Soluble Matter	IS 3456/Any Equivalent Method				
(xiii)	Ash Content	IS 199/Any Equivalent Method				
(xiv)	Moisture					
(xv)	Wettability	IS 2349/Any Equivalent Method				
Sub Group - (L) PAPER & RUBBER & PLASTIC						
Product code: RUBR-I			Product: Rubber			
(i)	Tensile Strength	IS 3400 Part - 1/ Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTM/RUBR/L02/23	Jun-24
(ii)	Shore A hardness	IS 3400 Part - 23 section 1/ Any equivalent Method				
(iii)	Tear Strength	IS 3400 Part - 12/ Any equivalent Method				
(iv)	Density	IS 3400 Part - 9/ Any equivalent Method				
(v)	Ash Content,	IS 3400 Part - 22/ Any equivalent Method				
(vi)	Carbon Black content					
(vii)	Rubber Polymer Content	IS 3400 Part - 22/ Any equivalent Method				



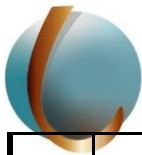
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code:		PAPR- I	Product:		Paper	
(i)	Grammage	IS 1060 Part 5 / Any Equivalent Method	INR 15000.00	Equivalent to USD 425	LPTM/PAPR/L01/24	Jul-24
(ii)	Tensile strength					
(iii)	Thickness					
(iv)	Cobb Test					
(v)	Burst strength	IS 1060 Part 6 Sec 2/ Any Equivalent Method				
(vi)	Ash Content	IS 1060 Part 1 / Any Equivalent Method				
(vii)	pH					
Product code:		PLST-I	Product:		Plastic & Polymer	
(i)	Tensile Strength	IS 13360 (Part 5 Sec 1)/ Any equivalent Method	INR 10000.00	Equivalent to USD 285	LPTM/PLST/L02/24	Apr-24
(ii)	Vicat Softening Point	IS 13360 (Part 6 Sec 1)/ Any equivalent Method				
(iii)	Melt Flow Index	ASTM D 1238/ Any equivalent Method				
(iv)	Density	IS 13360 (Part 3 Sec10)/ Any equivalent Method				
(v)	Tear Resistance	IS 2508/Any equivalent Method				
Product code:		PLST-II	Product:		Plastic & Polymer (Chemical)	
(i)	Carbon Black Content	ASTM D 4218	INR 10000.00	Equivalent to USD 285	LPTC/PLST/L03/24	Apr-24
(ii)	Ash Content	ASTM D 5630				
(iii)	Volatile Loss	ASTM D 1203/ Any equivalent Method				
(iv)	Melting Point	IS 13360 (Part 6/Sec 10)/Any Equivalent Method				
(v)	Identification of Polymer	ASTM D3677/ Any equivalent Method				
GROUP -II NON DESTRUCTIVE TESTING						
Sub Group - (H) CONCRETE						
Product code:		NDTC-1 ^{\$}	Product:		Reinforced Concrete	
(i)	UPV	IS: 516 Part 5 Sec 1/Any equivalent Method	INR 12000.00	Equivalent to USD 300	LPTN/NDTC/H01/24	Running
(ii)	Rebound hammer	IS: 516 Part 5 Sec 4/Any equivalent Method				
(iii)	Half Cell Potential	ASTM C876-91/Any equivalent Method				
(iv)	Carbonation test	BS 1881 (Part 201)/Any equivalent Method				
(v)	Cover Depth	ASTM E 3013/Any equivalent Method				
Product code:		NDTC-2 ^{\$}	Product:		Reinforced Concrete Piles	
(i)	Determination of length by pile integrity method	ASTM D-5882 (RA 2007)/ IS 14893	INR 12000.00	Equivalent to USD 300	LPTN/NDTC/H04/24	Running



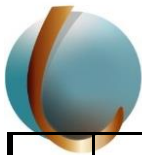
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code:		NDTC-3 ^{\$}	Product:		Road Pavements	
(i)	Deflection Measurement of Pavement using Benkelman Beam Deflection Test	IRC 81	INR 20000.00	Equivalent to USD 500	LPTN/NDTC/H02/24	Jul-24
Product code:		NDTC-4 ^{\$}	Product:		Reinforced Concrete Piles	
(i)	Pile Pullout Test	Is 2911 Part 4/ Any Equivalent method	INR 20000.00	Equivalent to USD 500	LPTN/NDTC/H03/24	Aug-24
Product code:		NDTC-5 ^{\$}	Product :		Ferroud Metals	
(i)	Ultrasonic Testing	ASTM E 114	INR 12000.00	Equivalent to USD 300	LPTN/NDTC/H04/24	April.24
(ii)	Liquid Penetrant Testing	ASME Section V				
(iii)	Magnetic Particle testing	ASME Section V				
(iv)	Visual testing	ASME Section V				
(v)	Ultrasonic Thickness Gauging	ASME Section V				
GROUP -III CHEMICAL TESTING						
Sub Group - (J) COAL						
Product code:		COAL-1	Product:		Coal	
(i)	Moisture Content	IS 1350 (P 1) /Any equivalent Method	INR 8000.00	Equivalent to USD 225	LPTC/COAL/J01/24	April.24
(ii)	Ash Content	IS 1350 (P 1) /Any equivalent Method				
(iii)	Volatile Matter	IS 1350 (P 1) /Any equivalent Method				
(iv)	Gross Calorific Value	IS 1350 (P 2) /Any equivalent Method				
(v)	Total Sulphur	IS 1350 (P 3) /Any equivalent Method				
Sub Group - (K) BUILDING MATERIALS - CHEMICAL						
Product code:		S&R-11	Product:		Soil	
(i)	pH Value	IS:2720 (Part-26)/ Any equivalent Method	INR 8000.00	Equivalent to USD 225	LPTC/SOIL/K03/24	Mar. 24
(ii)	Chloride Content	BS EN 1377 Pt 2/Any equivalent method				
(iii)	Sulphate Content	IS:2720 (Part-27) / Any equivalent Method				
(iv)	Organic Matter	IS 2720 (Part 22) / Any equivalent Method				



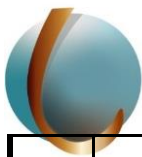
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: CEMENT-3			Product: Cement (OPC & PPC)			
(i)	LOI, CaO, MgO, SiO ₂ , Al ₂ O ₃ , Fe ₂ O ₃ , IR, SO ₃ , Cl	IS:4032/Any equivalent Method	INR 8000.00	Equivalent to USD 225	LPTC/CEMT/K10/24	Jul-24
Product code: METL-3			Product: Low Alloy Steel			
(i)	Carbon, Sulphur, Phosphorus , Manganese, Silicon	ASTM E415/IS 8811/IS 228/ASTM E350/Any Validated Method	INR 8000.00	Equivalent to USD 225	LPTC/STEL/ K04/24	Mar. 24
Product code: AGGT-4			Product: Aggregate			
(i)	Chloride Content	BS EN 1744 (1)/ Any Equivalent Method	INR 8000.00	Equivalent to USD 225	LPTC/AGGT/K10/23	Running
(ii)	Sulfate Content					
(iii)	Reduction in Alkalinity	IS 2386 (Part 7)/ / Any Equivalent Method				
(iv)	Dissolved Silica					
Product code: ADMX-1			Product: Admixture			
(i)	pH Value	IS :9103-1999/Any Equivalent method	INR 8000.00	Equivalent to USD 225	LPTC/ADMX/ K06/24	Mar. 24
(ii)	Relative Density					
(iii)	Dry Material Content					
(iv)	Ash Content					
(v)	Chloride Ion Concentration	IS 6925/Any Equivalent method				
Product code: CONC-10			Product: Harden Concrete			
(ii)	Water-Soluble sulphate	BS 1881(P-124)/ Any equivalent method	INR 8000.00	Equivalent to USD 225	LPTC/CONC/K05/24	Mar. 24
(iii)	Acid Soluble Chloride	IS 14959(P-2)/ Any equivalent method				
Product code: CEMENT-5			Product: Flyash			
(i)	Silicon Dioxide	IS 1727/ Any Equivalent Method	INR 8000.00	Equivalent to USD 225	LPTC/FLAS/K11/23	Running
(ii)	Aluminum Oxide					
(iii)	Iron oxide					
(iv)	Magnesium Oxide					
(v)	Total Sulphur (as Sulphur Trioxide)					
(vi)	Loss on Ignition					
(vii)	Total Chlorides	IS 12423				
(viii)	Reactive Silica	Is 3812 Pt-1				
Product code: CEMENT-6			Product: Microsilica			
(i)	Silicon Dioxide	IS 1727/ Any Equivalent Method	INR 8000.00	Equivalent to USD 225	LPTC/MISI/K09/24	Apr-24
(ii)	Moisture content					
(iii)	Alaklies					
(iv)	Loss on Ignition					
(v)	Retained on 45micron					
(vi)	Loss on Ignition					

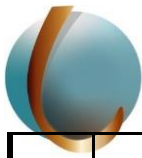


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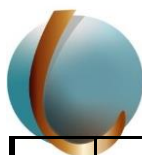
S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: PAINT-1			Product: Road Marking Paint			
(i)	Binder Content	BS 3262 (Part 1)/ Any Equivalent Method	INR 8000.00	Equivalent to USD 225	LPTC/RMPT/K08/24	Jul-24
(ii)	Glass Bead Content	AASHTO T 250 Any Equivalent Method				
(iii)	Softening Point	ASTM D 36-14: 2020)/ Any Equivalent Method				
(iv)	Drying Time	IS 101)/ Any Equivalent Method				
(v)	Flash Point					
	Wet Capacity					
(vi)	Volatile Oorganic Compounds					
(vii)	Residue On Sieve					
(viii)	Mass In 10Kg/Litre					
Product code: WATR-1			Product: Construction water			
(i)	pH	IS:3025 (Part-11)/Any equivalent method	INR 8000.00	Equivalent to USD 225	LPTC/WATR/ K07/24	Jun-24
(ii)	Chloride (as Cl)	IS:3025 (Part-32) /Any equivalent method				
(iii)	Sulphate (as SO ₄)	IS:3025 (Part-24) /Any equivalent method				
(iv)	Organic Matter Content	IS:3025 (Part-18)/ Any equivalent method				
(v)	Inorganic Matter Content					
(vi)	Volume of 0.02 N NaOH Required to Neutralize 100ml Sample using Phenolphthalein Indicator	IS:3025 (Part-22) b /Any equivalent method				
(vii)	Volume of 0.02 N H ₂ SO ₄ Required to Neutralize 100ml Sample using Mixed Indicator	IS:3025 (Part-23) /Any equivalent method				
(viii)	Total Suspended Solid	IS:3025 (Part-17)/ Any equivalent method				



S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Sub Group - (N) WATER						
Product code:		WATR-2	Product:		Drinking water	
(i)	pH	IS:3025 (Part-11) /Any equivalent method	INR 8000.00	Equivalent to USD 225	LPTC/WATR/ N01/24	May-24
(ii)	Chloride (as Cl)	IS:3025 (Part-32) /Any equivalent method				
(iii)	Sulphate (as SO ₄)	IS:3025 (Part-24) /Any equivalent method				
(iv)	Total Hardness	IS:3025 (Part-21) /Any equivalent method				
(v)	Total Dissolved Solids	IS:3025 (Part-16) /Any equivalent method				
(vi)	Fluoride (as F)	IS:3025 (Part-60) /Any equivalent method				
(vii)	Calcium (as Ca)	IS:3025 (Part-40) /Any equivalent method				
(viii)	Magnesium	IS:3025 (Part-46) /Any equivalent method				
(ix)	Total Alkalinity (as CaCO ₃)	IS:3025 (Part-23) /Any equivalent method				
(x)	Magnesium (as Mg)	IS:3025 (Part-46) /Any equivalent method				
Product code:		WATR-3	Product:		Waste Water	
(i)	pH	IS 3025 (P-11)2022/)	INR 8000.00	Equivalent to USD 225	LPTC/WATR/ N02/24	Apr-24
(ii)	Total Dissolved Solids	IS 3025 (P-16)2023)/ Any Equivalent Method				
(iii)	Total Suspended Solids	IS 3025 (P-17)2022)/ Any Equivalent Method				
(iv)	Oil & Grease	IS 3025 (P-39)2021)/ Any Equivalent Method				
(v)	Chemical Oxygen Demand	IS 3025 (P-58) 2023)/ Any Equivalent Method				
(vi)	Biochemical Oxygen Demand	IS 3025 (P-44) 2023)/ Any Equivalent Method				
(vii)	Phosphorous	IS 3025 : P-31 : Sec 1)				
(viii)	Total kjeldahl Nitrogen TKN	APHA 24th Edition 2023/ IS 3025 part 34				
(ix)	Ammonical Nitrogen	APHA 24th Edition 2023				
(x)	Dissolved Oxygen	IS 3025 (P-38)				
(xi)	Sulphate as SO ₄	APHA 24th Edition 2023				
(xii)	Chloride as Cl	IS 3025 (P-32)				
xiii)	Nitrate as NO ₃	APHA 24th Edition 2023/ IS 3025 part 34				
(xiv)	Fluoride as F	APHA 24th Edition 2023/IS 3025 part 60				

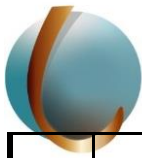


S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: WATR-4			Product: Heavy Metals in Drinking Water			
(i)	Lead as Pb	APHA 24th Edition 2023	INR 14000.00	Equivalent to USD 400	LPTC/WATR/ N03/24	Apr-24
(ii)	Asenic as As	APHA 24th Edition 2023				
(iii)	Nickel as Ni	APHA 24th Edition 2023				
(iv)	cadmium as Cd	APHA 24th Edition 2023				
(v)	Mercury as Hg	APHA 24th Edition 2023				
(vi)	Selenium as Se	APHA 24th Edition 2023				
(vii)	Total Chromum as Cr	APHA 24th Edition 2023				
(viii)	Copper as Cu	APHA 24th Edition 2023				
(ix)	Mangenese as Mn	APHA 24th Edition 2023				
(x)	Zinc as Zn	APHA 24th Edition 2023				
(xi)	Molybdenum	APHA 24th Edition 2023				
(xii)	Antimony as Sb	APHA 24th Edition 2023				
xiii)	Cobalt	APHA 24th Edition 2023				
(xiv)	Barium	Annex F of IS 13428/IS 15302/Any equivalent method				
(xv)	Magnesium as Mg	IS 3025 part 46/Any equivalent method				
(xvi)	Calcium as Ca	IS 3025 part 40/Any equivalent method				
(xvii)	Potassium as K	ICP OES /Any equivalent method				
(xviii)	Sodium as Na	ICP OES /Any equivalent method				
(xix)	Iron as Fe	IS 3025 part 53/Any equivalent method				
Sub Group - (M) FERTILIZER						
Product code: FERT-VI			Product : NP Complex Fertilizer (DAP)			
(i)	Moisture	FCO: 1985 (Latest version)/ Any equivalent method	INR 6000	Equivalent to USD200	LPTC/FERT/M08/23	Jul-24
(ii)	Particle size					
(iii)	Water soluble Phosphorus (as P ₂ O ₅)					
(iv)	Total nitrogen					
(v)	Ammonical nitrogen					
(vii)	Available phosphorus (as P ₂ O ₅)					
(viii)	Sulphate Sulphur					
Product code: FERT-VII			Product : Urea			
(i)	Moisture	FCO: 1985 (Latest version)/ Any equivalent method	INR 6000	Equivalent to USD200	LPTC/FERT/M09/23	Jul-24
(ii)	Particle size					
(iii)	Biuret					
(iv)	Total nitrogen					



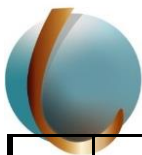
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code:		FERT-I	Product :		Straight Nitrogenous Fertilizers	
(i)	Moisture	FCO: 1985 (Latest version)/ Any equivalent method	INR 6000	Equivalent to USD200	LPTC/FERT/M01/23	Mar-24
(ii)	Ammoniacal Nitrogen					
(iii)	Free acidity (as H ₂ SO ₄)					
(iv)	Sulpahte Sulphur (as S)					
(v)	Arsenic as (As ₂ O ₃)					
Product code:		FERT-II	Product :		Straight Phosphatic Fertilizers	
(i)	Moisture	FCO: 1985 (Latest version)/ Any equivalent method	INR 6000	Equivalent to USD200	LPTC/FERT/M02/24	May 24
(ii)	Free phosphoric acid					
(iii)	Water soluble phosphorus (as P ₂ O ₅)					
(iv)	Sulphate Sulphur					
(v)	Particle size					
(vii)	Zinc					
(viIi)	Boron					
(xi)	Available phosphorus (as P ₂ O ₅)					
Product code:		FERT-III	Product :		Straight Potassic Fertilizer	
(i)	Moisture	FCO: 1985 (Latest version)/ Any equivalent method	INR 6000	Equivalent to USD200	LPTC/FERT/M03/23	Mar. 24
(ii)	Water soluble potash content					
(iii)	Magnesium as MgCl ₂					
(iv)	Total Chloride					
(v)	Sulphate Sulphur					
(vi)	Particle size					
Product code:		FERT-IV	Product :		Straight Sulphur Fertilizer	
(i)	Moisture	FCO: 1985 (Latest version) / Any equivalent method	INR 6000	Equivalent to USD200	LPTC/FERT/M04/23	Jun-24
(ii)	Total Elemental sulphur (as S)					
(iii)	Particle size					
Product code:		FERT-V	Product :		NPK Complex Fertilizer	
(i)	Moisture	FCO: 1985 (Latest version)/ Any equivalent method	INR 6000	Equivalent to USD200	LPTC/FERT/M05/23	Running
(ii)	Water soluble phosphates					
(iii)	Total nitrogen					
(iv)	Ammoniacal Nitrogen					
(v)	Water Soluble Potassium (as K ₂ O)					
(vi)	Available phosphorus					
(vii)	Particle size					
(viii)	Sulphate Sulphur					



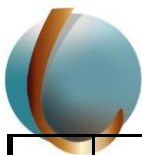
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: FERT-X			Product : Beneficiated Rock Phosphapate			
(i)	Moisture	FCO: 1985 (Latest version) / IS 6092/ Any equivalent method	INR 6000	Equivalent to USD200	LPTC/FERT/M01/24	April. 24
(iii)	Total Phosphorus (as P ₂ O ₅)					
Product code: FERT-XI			Product : Vermi Compost			
(i)	Moisture	FCO: 1985 (Latest version) / Any equivalent method	INR 10000	Equivalent to USD285	LPTC/FERT/M03/24	May-24
(ii)	Particle Size					
(iii)	Bulk Density					
(iv)	Total Organic Carbon					
(v)	Nitrogen (N)					
(vii)	Phosphaphte (as P2O5)					
(viii)	Total potassium (as K2O)					
(xi)	Asrenic					
(xii)	Cadnium					
(xiii)	Chromium					
(xiv)	Copper					
(xv)	Mercury					
(xiv)	Nickel					
(xvii)	Lead					
(xviii)	Zinc					
Product code: FERT-XII			Product : City Compost			
(i)	Moisture	FCO: 1985 (Latest version)/ Any equivalent method	INR 10000	Equivalent to USD285	LPTC/FERT/M04/24	Jun-24
(ii)	Particle Size					
(iii)	Bulk Density					
(iv)	Total Organic Carbon					
(v)	Nitrogen (N)					
(vii)	Phosphaphte (as P2O5)					
(viii)	Total potassium (as K2O)					
(ix)	pH					
(x)	Conductivity					
(xi)	Asrenic					
(xii)	Cadnium					
(xiii)	Chromium					
(xiv)	Copper					
(xv)	Mercury					
(xiv)	Nickel					
(xvii)	Lead					
(xviii)	Zinc					
Sub Group - (O) FOOD & AGRICULTURAL PRODUCT						



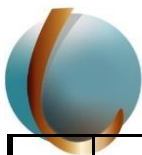
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S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code:		FOOD-1	Product :		SPICES	
S.No.	Parameters	Method	Indian CABs	Non Indian CABs [#]	Round IDs	Tentative material dispatch schedule
(i)	Moisture	IS 1797 OR FSSAI Manual of Method of Analysis of Spices, Herbs and Condiments 2021	INR 6000.00	Equivalent to USD 200	LPTC/FOOD/001/24	May-24
(ii)	Total Ash					
(iii)	Ash Insoluble in HCl					
(iv)	Crude Fibre					
(v)	Non- Volatile Ether Extract					
(vi)	Volatile Ether Extract					
(vii)	Starch	IS:4706 (P-2) 1978 RA 2020 OR FSSAI Manual of Method of Analysis of Spices, Herbs and Condiments 2021				
(viii)	Test for Lead Chromate	IS:3576:2010 RA 2020				
Product code:		FOOD-2	Product :		Species (Metals)	
(i)	Lead	FSSAI Manual of Method of Analysis ofFood Metals 2016	INR 12000.00	Equivalent to USD 300	LPTC/FOOD/002/24	May-24
(ii)	Cadmium					
(iii)	Arsenic					
(iv)	Copper					
Product code:		FOOD-3	Product :		Cereals	
(i)	Moisture	IS 1155-2022 OR FSSAI Manual of Method of Analysis of Cereals and Cereals Products 2016	INR 6000.00	Equivalent to USD 200	LPTC/FOOD/003/24	May-24
(ii)	Total Ash					
(iii)	Ash Insoluble in HCl					
(iv)	Gluten					
(v)	Alcoholic Acidity with 90% Alcohol expressed as H2SO4					
Product code:		FOOD-4	Product :		Bakery	
(i)	Total Fat	IS 1011:2002	INR 6000.00	USD 200	LPTC/FOOD/004/24	May-24
(ii)	Protein N x 6.25	IS 7219:1974				
(iii)	Carbohydrate	Calculation (IS 1656-2007)				
(iv)	Calorific Value	Calculation				
(v)	Sugar	IS 6287-1985 RA 2020				
(vi)	Moisture	IS 1011:2002				
(vii)	Total Ash	IS 1011:2002				
(viii)	Acid Insoluble Ash	IS 1011:2002				
(ix)	Acidity of Extracted Oil, expressed as Oleic Acid	IS 1011:2002				



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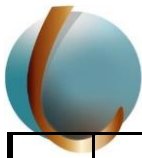
S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Product code: FOOD-5			Product : Oil			
(i)	Moisture	IS 548 (P-1) Sec 1 2021	INR 6000.00	USD 200	LPTC/FOOD/005/24	May-24
(ii)	Free Fatty Acids as Oelic Acid	IS 548 (P-1) Sec 1 2021				
(iii)	Acid Value	IS 548 (P-1) Sec 1 2021				
(iv)	Iodine Value (Wij's)	IS 548 (P-1) Sec 1 2021				
(v)	Saponification Value	IS 548 (P-1) Sec 1 2021				
(vi)	Refractive Index @40 °c	FSSAI Manual of method of Oil and Fats 2016				
(vii)	BR Reading @40 °c	FSSAI Manual of method of Oil and Fats 2016				
(viii)	Specific Gravity @30 °c	IS 548 (P-1) Sec 1 2021				
Product code: FOOD-6			Product : Honey			
(i)	Specific Gravity	IS 4941-1994 RA 2019	INR 6000.00	USD 200	LPTC/FOOD/009/24	May-24
(ii)	Ash	IS 4941-1994 RA 2019				
(iii)	Acidity as Formic Acid	IS 4941-1994 RA 2019				
(iv)	Total Reducing Sugar	IS 4941-1994 RA 2019				
(v)	Sucrose	IS 4941-1994 RA 2019				
(vi)	Glucose Fructose Ratio	IS 4941-1994 RA 2019				
Product code: FOOD-7			Product : Juice			
(i)	Acidity as Citric Caid	FSSAI Manual of method of Fruits and Vegetable Product 2016	INR 6000.00	USD 200	LPTC/FOOD/006/24	May-24
(ii)	pH					
(iii)	Total Soluble Solids					
Product code: FOOD-8			Product : Sugar			
(i)	Moisture	FSSAI Manual of method of sugar and Sugar Product 2015	INR 6000.00	USD 200	LPTC/FOOD/007/24	May-24
(ii)	Sucrose					
(iii)	Ash					
Product code: FOOD-9			Product : Tea			
(i)	Acid Insoluble Ash	FSSAI Manual of Method of Analysis of Beverages, Sugar & Sugar Products, Confectionary Products: 2016	INR 6000.00	USD 200	LPTC/FOOD/008/24	May-24
(ii)	Added Coloring Matter					
(iii)	Alkalinity of Water Soluble Ash					
(iv)	Crude fibre					
(v)	Iron Fillings					
(vi)	Moisture					
(vii)	Total Ash					
(viii)	Water Extract					
(ix)	Water Soluble Ash of Total Ash					



S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		
Sub Group - (P) ANIMAL FOOD & FEEDS						
Product code:		FEED-1	Product :		Oil Cake	
(i)	Moisture	IS 7874 Part 1	INR 6000.00	Equivalent to USD 200	LPTC/FEED/P01/24	Jun-24
(ii)	Crude Fat	IS 7874 Part 1				
(iii)	Crude Protein	IS 7874 Part 1				
(iv)	Crude Fibre	IS 7874 Part 1				
(v)	Nitrogen	IS 7874 Part 1				
(vi)	Phosphorus	IS 7874 Part 2				
(vii)	Calcium	IS 7874 Part 2				
(viii)	Ash Content	IS 7874 Part 1				
Sub Group - (R) ATMOSPHERIC POLLUTION						
Product code:		ENVR-1	Product :		Ambient Air	
(i)	PM10	IS 5182 (P-23): 2006 RA	INR 3000.00	Equivalent to USD 80	LPTC/ENVR/R01/24	Apr-24
(ii)	PM2.5	IS 5182 (P-24): 2019				
(iii)	Sulphur Dioxide as SO2	IS 5182 : Part 2 : Sec 1 : 2023				
(iv)	Nitrogen Dioxide as NO2	IS 5182 (P-6): 2006 RA 2022				
(viii)	Ammonia as Total Ammonia	IS 5182 (P-25): 2018				
Product code:		ENVR-2	Product :		Stack Mointoring	
(i)	Nitrogen Dioxide as NO2	IS 11255 (P-7): 2005	INR 3000.00	Equivalent to USD 80	LPTC/ENVR/R02/24	Apr-24
(ii)	Particulate Matter	IS 11255 (P-1): 1985 RA 2019				
(iv)	Sulphur Dioxide as SO2	IS 11255 (P-2): 1985 RA 2019				
Product code:		ENVR-3 ^{\$}	Product :		Noise	
(i)	Noise Level Measurement: Leq	IS 9989: 1981 RA 2020	INR 2500.00	Equivalent to USD 80	LPTC/ENVR/R03/24	April. 24

Note:

- A. \$ -PT rounds on Non Destructive Testings and Field tests of soil are sequential type PT programmes and these will be conducted at PT provider's premises at Jaipur.
- B. Dates mentioned above are tentative and may be postponed if sufficient number of participation is not met.
- C. Italic Parameters are not under present scope of accreditation of PTP. Scope will be applied for accreditation.
- D. Fees mentioned here are excluding GST, please deduct discount amount from fees (Refer Form-1 for discount policy) and add GST on balance amount to calculate total fees payable.

**LANDMARK PT**

S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		

H. #Rates mentioned in USD are applicable for CABs working outside India and GST is not applicable on such participants.

F. #Rates mentioned in USD are including the packaging cost but excluding the shipping charges. Following procedure will be adopted for shipping of packed samples:

- (i) To pay the actual cost of shipping, participants may ask the estimated cost by sending us an email. An estimate of competent courier service agency will be sent to them and they will be required to deposit the shipping cost along with PT fees.
- (ii) Or participant may choose to arrange the picking of samples from our Lab's address on their own. For which we will hand over the consignment to the courier agent appointed by them. Participants will be required to pay the cost directly to their courier agent for picking, shipping and delivery up to destination.
- (iii) Shipping of the PT samples is subjected to local law of land for transportation of any particular material and may affect the dispatch/delivery. Participants are advised to assess the possibility of hassle free transit of material before applying for PT as PTP will not be responsible if samples are stuck with custom.

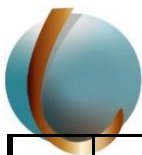
(E) Any equivalent method to the mentioned tets method can be used by participant

GENERAL PROTOCOL

LANDMARK Material Testing and Research Laboratory Pvt. Ltd is a renowned organization providing services in the field of mechanical, chemical and non destructive testing of various building materials and soil, technical trainings, research & development. The PT DIVISION namely Landmark PT is an Accredited Proficiency Testing Service provider as per ISO 17043:2010 in many parameters & products and continually enhancing its existing scope. The objective of PT schemes is to provide an essential tool for demonstrating the competence of laboratory or participant.

INFORMATION ON PT ROUNDS: The process flow of the round is mentioned below:

- (i) CABs willing to participate, accord consent by submitting duly filled FORM-1 through Email & deposit the fees.
- (ii) On receipt of FORM-1 and Fees, participants are registered for further process of PT round, and samples are dispatched to them as per the schedule.
- (iii) On receipt of PT samples, CAB needs to submit acknowledgement vide FORM-2 through Email.
- (iv) CABs conduct tests on PT Items during specified period and submit the results vide FORM-3 in Soft & hard Copy.
- (v) All results are processed statistically and performance score with PT report are issued.
- (vi) CABs need to submit Feedback & experience vide FORM-4 after receipt of performance score and PT reports.

**LANDMARK PT**

S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABs	Non Indian CABs [#]		

REGISTRATION AND MATERIAL DISPATCH: Registrations will remain open for all PT rounds throughout the programme duration till PT material dispatch date. In general PT samples will be dispatched as per the scheduled date, but in some cases due to less participation it may be postponed and thereby the PT report issue date also, as the case may be.

CABs willing to participate in any of the PT round may submit their request vide duly filled FORM-1 along with respective fees and GST. On receipt of Form-1 & fees, a certificate of registration will be issued, if demanded by the CAB.

Any laboratory having the test facilities with calibrated equipments for the test applied can participate in the PT Program through registration process.

CRITERIA FOR ASSIGNED VALUE AND PERFORMANCE EVALUATION: The assigned value determination and performance evaluation is done through statistical methods as mentioned in ISO IEC 13528. Specific information is given in PT reports. Performance evaluation is done for all participants irrespective of their score values and value assignment is generally based on consensus values of all participants results after the removal of outliers as far as possible unless otherwise mentioned in the scheme documents or PT report.

PT REPORT AND CONFIDENTIALITY: The identity of participants will not be disclosed in PT report and only a numeric codal identity will be used to address the participant. PT Report and performance scores will be issued to participants only, however these may be issued to NABL or any regulatory body if required.

EXTERNAL SERVICE PROVIDER : Various aspects of the proficiency testing scheme can be done by competent external servicer provider, if required and PTP is responsible for this work. An information of such activities are duly indicated in PT report.

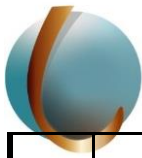
APPEALS & COMPLAINTS: The participating laboratories may submit appeals or grievances, if any, to PT coordinator within one month after the issue of PT report.

COMMUNICATION : The complete programme is being managed by Nirbhay Mathur (PT Coordinator). The participants may interact with PT coordinator as per the details given below. Electronic (email) and documented communications between official addresses will only be considered valid.

PT Division reserves the right to carry out alterations/corrections/revisions and to cancel the whole or part of any PT round at any time without assigning any reason whatsoever.

HANDLING OF COMPLAINTS and APPEAL: Landmark PT has following procedure for handling of complaints and appeal:

- An independent committee, indiscriminately deals with the complaints/appeals.
- Complaints/appeals may be submitted directly to the committee by sending an email at SUPPORTPT@LRLLAB.COM comprising , but not limiting to the following.



S.No.	Parameters	Method	Fees		Round IDs	Tentative material dispatch schedule
			Indian CABS	Non Indian CABS [#]		

- (i) Name of your organization
- (ii) Name & designation of the person submitting complaint/appeal
- (iii) PT round ID, if any, related to complaint/appeal
- (iv) Nature of complaint/appeal
- (v) Detail of complaint/appeal
- (vi) Contact details of complainant/appellant including phone number and email address
- (vii) Detail of attachments if any

- (c) Complaint/appeal if related to PT round, must be submitted within one month of issuance of report.
- (d) Complaints/appeals are evaluated for substantiation first, while during the course of handling the committee may ask documents and other relevant information in support of complaint/appeal.
- (e) The resolution/decision/progress/closure pertaining to handling of complaints/appeals are formally intimated to complainant/appellant and PT provider directly by the committee.
- (f) Landmark PT is responsible for all decisions at all levels of handling process for complaints/appeals.

Sd.

Nirbhay Mathur Date:28.02.2024
(PT Coordinator)

Contact Details:

Nirbhay Mathur,
PT Coordinator, Landmark PT,
Landmark Material Testing And Research Laboratory Pvt. Ltd.
G-200, RIICO Industrial Area, Mansarovar, Jaipur-302020(Rajasthan)
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Disclaimer: The organization, Landmark Material Testing And Research Laboratory Pvt Ltd, is headed by Dr. Anil Dixit, who is an empaneled assessor of NABL also. It is worth mentioning that the services of Proficiency Testing (PT) provided by our organization remain entirely independent of Dr. Dixit's role as an NABL assessor. Participants are assured that their decision to avail or not to avail the PT services provided by our organization will have no bearing on any aspect of their assessment, if conducted by Dr. Dixit. Participants can make their decisions freely considering no prejudice and no favoritism during their assessments irrespective of their participation in PT services of organization.

END of the DOCUMENT