

Qualitative Specification for : Mobile Forensic Science Investigating Laboratory

Sl. No.	Description		
1	Mobile Forensic Science Investigating Laboratory (Consisting of Vehicle & Various Kits) :-		
1.1	Vehicle :-		
	Should be SUV, WB 2760 mm / WB 2750 mm, BS IV, Diesel, AC, Fuel Tank: 55 Ltrs.		
	Suitable for geographical, climatic and land roads in urban as well as rural areas of the State		
1.1.a	Fabrication :-		
	Complete suitable fabrication should be done to accommodate / customized or rectifications have to be done as per standard requirements of the department for the kits as specified below		
	Pictures / Photos / Sketch of Mobile Forensic Science Investigating Laboratory are to be enclosed along with Technical proposal		
1.1.b	Bar Light is to be of best quality and durable		
1.1.c	PA System is to be of best quality and durable		
1.1.d	Body Writing / Labeling to be done on outer body of the vehicle as per requirement of the Department and should be durable in all climatic conditions.		
Note: i)	Demonstration / Sample for Verification / PPP of complete Mobile Forensic Science Investigation Laboratory as whole OR all the Kits which are to be customized in the Vehicle ; as required may be asked by the Tendering Authority for final Technical Evaluation.		
Note: ii)	UNDERTAKING to be submitted by the Bidder stating "willingness to demonstrate / present Sample for verification of the items as per Department's need, as and when called for by the Tendering Authority".		
1.2	Complete Fingerprint Casting Kit :- [Shelf Life to be minimum THREE years from date of supply]		
	1	Finger Print Small Slab – 75mm X 100mm X 10mm Glass	01 No
	2	Finger Print Small Ink – 50 ml Tube	01 No
	3	Finger Print Small Roller – Rubber 2"	01 No
	4	Finger Print Slab – 4 inch X 10 inch Steel	01 No
	5	Finger Print Ink – 100 ml Tube	01 No
	6	Finger Print Roller – Rubber 4" with stand	01 No
	7	Finger Print Pre Inked Strips – 3 inch X 10 inch (Pack of 20)	01 No
	8	Finger Print Round Pad – 2" Dia Inkless	01 No
	9	Finger Print Rectangular Pad – 3" X 5" Inkless	01 No
	10	Finger Print Card Holder – Stamping Set Type	01 No
	11	Finger Print Elimination Pad – Pack of 50	01 No
	12	Finger Print Record Slips – Pack of 50	01 No
	13	Finger Print Cadaver Spoon – Nickel Plated, Steel	01 No
	14	Finger Print Cadaver Straightener – Steel	01 No
	15	Ink Cleaning Towelettes - Pack of 50	01 No
	16	Aluminum / Molded Case – Customized Carrying Case	01 No
1.3	Foot & Tire Print Casting Kit :- [Shelf Life to be minimum THREE years from date of supply]		
	1	Foot Print Frame – Aluminum; 14" x 8" x 2"	01 No
	2	Release Reagent / Hardener, 200 ml	01 No
	3	Mixing Bowl – Bubble Free	01 Each
	4	Spatula – Steel	01 No
	5	Mixing Spoon	01 No
	6	Evidence Tag - Pre Printed; Pkt of 100	01 No
	7	Wire Gauge – 4" x10"	20 Nos
	8	Plaster / Casting Material - Top Grade; 500 Gm	20 Nos
	9	Spray Power Unit	02 Nos
	10	Water Container	01 No
	11	Disposable Pipettes	10 Nos
	12	Spray Paint to Mark Evidence Area	01 No
	13	Surface Brush – Normal	01 No
	14	Torch Light	01 No
	15	Measuring Tape	01 No
	16	Folding Ruler (1 Mtr) for Photography	01 Pkt
	17	Scissor	01 No
	18	Tweezers	01 No
	19	Liquid Soap with Case	01 No
	20	Towel	01 No
	21	Aluminum / Molded Case, Customized Carrying Case	01 No

1.4	Explosive Detection Kit :- <i>[Shelf Life to be minimum THREE years from date of supply]</i>	
	100 Test Kit, Should have longer Shelf Life and durable, Safe to use User with Fast Results, High sensitivity to Detect Trace Amounts	
	1	TNT / PETN / RDX / NITRATE
	2	TATP / HMTD
	3	CHLORATE / BROMATE
	4	UREA NITRATE
	5	AMMONIUM NITRATE
6	Customized Carrying Case	
		01 No

1.5	Narcotics Detection Kit :- <i>[Shelf Life to be minimum THREE years from date of supply]</i>	
	Should have longer Shelf Life and durable, Safe to use User with Fast Results, High sensitivity to Detect Trace Amounts	
	1	General Screening / Heroin
	2	Marijuana / Hashish
	3	Barbiturates
	4	Methamphetamine / Amphetamine
	5	Ecstasy (MDMA)
	6	Cocaine / Crack
	7	LSD
	8	GHB
	9	Ketamine
	10	Flunitrazepam / Benzodiazepines
	11	Ephedrine
12	Customized Carrying Case	
		01 No

1.6	Blood Detection Kit :- <i>[Shelf Life to be minimum ONE year from date of supply]</i>	
	1	Disposable Pipette with 3 ml Bulb
	2	Contact Filter Papers 1" X 2" ; Pkt of 100
	3	Whatman Filter Paper No 1; Size 6" Disc
	4	Blood Stain Detection Tablets (Blue Star)
	5	Blood Origin Identification Strip (Hexagon OBTI)
	6	Bottle of Distilled Water in Aerosol Sprayer; 125 ml
	7	Blood Collection EDTA Tubes
	8	Glass Vials
	9	Cotton Balls
	10	Cotton Gauze; Small Roll
	11	Pricking Needles; Pkt of 50 Nos
	12	Microscopic Plain Glass Slides
	13	VDRL Slide, 3 Cavity
	14	Watch glass, 3" Dia; Pkt of 05 Nos
	15	Scissors - Stainless Steel; 6 inch
	16	Forceps - Stainless Steel; 6 inch
	17	Spatula - Stainless Steel; 6 inch
	18	Latex Gloves
	19	Cotton Gloves
	20	Rubber Hand Gloves
	21	Evidence Identification labels, "Crime Evidence"
22	Aluminum / Molded Case, Customized Carrying Case	
		01 No

1.7	Semen Detection Kit :- <i>[Shelf Life to be minimum ONE year from date of supply]</i>		
	1	Disposable Pipette with 3 ml Bulb	20 Nos
	2	Contact Filter Papers 1" X 2"; 100 Nos	10 Pkt
	3	Bottle of Distilled Water; 125 ml	02 Nos
	4	Spot Test Cards of Acid Phosphates Test	45 Nos
	5	Spot Test Cards of PSA	20 Nos
	6	Spray Power Unit	01 Nos
	7	Glass Vials	10 Nos
	8	Cotton Balls	01 Pkt
	9	Cotton Gauze Small Roll	04 Pkt
	10	Pricking Needles; 50 Nos	01 Pkt
	11	Microscopic Plain Glass Slides	01 Pkt
	12	VDRL Slide, 3 Cavity	10 Nos
	13	Watch Glass, 3" Dia; 05 Nos	01 Pkt
	14	Scissors – Stainless Steel' 6 inch	01 No
	15	Forceps – Stainless Steel; 6 inch	01 No
	16	Spatula – Stainless Steel; 6 inch	01 No
	17	Latex Gloves	05 Pairs
	18	Cotton Gloves	02 Pairs
	19	Rubber Hand Gloves	01 Pairs
	20	Evidence Identification labels, "Crime Evidence"	50 Nos
21	Aluminum / Molded Case, Customized Carrying Case	01 No	

1.8	Set of Magnifiers :-		
	1	Hands Free Head Magnifier	01 No
	2	Gooseneck Mountable Magnifier	01 No
	3	Illuminated Scaled Magnifier	01 No
	4	Illuminated Round Magnifier; 4" Dia	01 No
	5	Normal Round Magnifier; 3" Dia	01 No
	6	Folding Magnifier	01 No
7	Customized Hard Carrying Case	01 No	

1.9	Set of Search Light :- Consisting of suitable Search and LED Lights suitable for the system and Technical Personals
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1.10	Bullet Hole Testing Kit :- <i>[Shelf Life to be minimum THREE years from date of supply]</i> for Identification of Bullet-Holes		
	1	40 Crushable Ampoules:- Lead Testing Reagent, Lead Solvent,	10 each
	2	Copper Testing Reagent, Copper Solvent	
	3	Test papers	02 Pkts
	4	Zipper Bags for Packing Positive Test Papers	50 Nos
	5	Ruler for Photography	01 No
	6	Permanent Marker Pen	01 No
7	Instructions for Use	01 No	

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1.11	Evidence Collection and Packing Kit :-		
	1	5 Mtr Tape Measure	01 No
	2	Flashlight	01 No
	3	Roll of Box Sealing Evidence Tape	01 No
	4	Roll of Evidence Labels (100 Nos)	01 No
	5	Evidence Labels (50 Nos)	01 No
	6	Evidence Tags with Ties (50 Nos)	01 No
	7	Chain of Possession Labels (50 Nos)	01 No
	8	Bio Hazard Labels (50 Nos)	01 No
	9	Write Block Zip-Top Bags (50 Nos)	01 No
	10	Integrity Evidence Bags (50 Nos)	01 No
	11	Ultraviolet Light	01 No
	12	Evidence Collection Lifters (50 Nos)	01 No
	13	Plastic Tweezers	02 No
	14	AA-Cell Batteries Rechargeable	04 No
	15	Batteries Charger	01 No
	16	Steel Scissors	01 No
	17	Steel Forceps	01 No
	18	Carbide Tipped Scriber	01 No
	19	Swiss Knife	01 No
	20	Marker, Each - Black, Blue, Red & Green	01 No
	21	Liquid Sampling Pipettes	04 No
	22	3" Dia Round Magnifying Glass	01 No
	23	Probe with Paint Chip Cutter	01 No
	24	Sticks of White Chalk	03 No
	25	Collection Tubes with EDTA	12 Nos
	26	Disposable Syringes	02 Nos
	27	Plastic Jars with Caps	03 No
	28	Amber Plastic Jars with Caps	03 No
	29	Fire Tins	06 No
	30	Disposable Latex Glove Pairs	06 No
	31	Stainless Steel Spatula	01 No
	32	Disposable Scalpel	01 No
	33	Inkless Round Fingerprint Pad with Elimination Slip Pad	01 No
	34	Inner Storage Case	01 No
35	Attaché-Type, Carrying Case with Metal Frame	01 No	

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1.12	General Investigation Kit :-		
	1	Spray Marking Paint, 350 Gm	01 No
	2	Barrier & Warning Tape, 75 x 500 Mtr	01 No
	3	Digital Distance Measuring Device	01 No
	4	Laser Light Pen	01 No
	5	Direction Compass	01 No
	6	Small Battery Operated UV Light	01 No
	7	Elimination Kit (Pad & Slips)	01 No
	8	Folding Scale	01 No
	9	Rigid Photo Scales (White)	01 No
	10	Rigid Photo Scales (Grey)	01 No
	11	Large Type Torch	01 No
	12	Pocket Knife	01 No
	13	Swiss Knife 21 Functions	01 No
	14	Magnifier (4"mm dia.)	01 No
	15	Vernier Gauge (Digital)	01 No
	16	Scissors	01 No
	17	Retractable Metal Mirror	01 No
	18	Magnet Pick Tool	01 No
	19	Set of Forceps	01 No
	20	File	01 No
	21	Scalpel	01 No
	22	Rubber Gloves	02 Nos
	23	Disposal Gloves	05 Nos
	24	Pack of Assorted Evidence Labels	50 Nos
	25	Molded Plastic Evidence Containers	06 Nos
	26	Set of Evidence Bags	50 Nos
	27	Fire Tins	06 No
	28	Set of Permanent Markers Pens	01 No
	29	Book of Transfer Numbers	01 No
	30	Dust Mask, Shoe Cover & Head Covers	10 Each
	31	Steel Measuring Tape	01 No
	32	Glass Cutter	01 No
	33	Ratchet Screwdriver with Assorted Heads	01 No
	34	Electric Test Master Screwdriver	01 No
	35	Junior Hacksaw	01 No
	36	Pliers	01 No
	37	Wire Cutter	01 No
	38	Carrying Case	01 No

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