

BID SPECIFICATION FOR THE SUPPLY AND DELIVERY OF FORENSIC LIGHT SOURCE(S) FOR THE DETECTION AND EXAMINATION OF FORENSIC EVIDENCE AT CRIME SCENES FOR A PERIOD OF TWO YEARS FOR SOUTH AFRICAN POLICE SERVICE: DIVISION:DETECTIVE AND FORENSIC SERVICES: COMPONENT CR&CSM: CRIME SCENE MANAGEMENT:NATIONALLY

SPECIFICATION NUMBER
323329/24

SPECIFICATION INSTRUCTION & BACKGROUND

Scope of the requirements

The South African Police Services: Crime Scene Management require the supply and delivery of forensic light sources which will be utilised for detection and examination of forensic evidence including body fluids, impression evidence and minute items of trace evidence at crime scenes.

Contract period

The contract term will be for a period of two (2) years. Forensic light sources will be ordered as and when needed, therefore quantities ordered cannot be guaranteed.

Delivery locations

Ordered forensic light sources must be delivered to the site in South Africa from where it was ordered.

Delivery addresses will be provided during the procurement process.

Bid format

NB: The Bidder needs to confirm compliance in writing (**hand written**) to requirements contained in this section. Failure to enter **COMPLY** or **DON'T COMPLY** in the relevant column will be interpreted as **DON'T COMPLY** and will result in the **disqualification of the bid**. No tick (✓) or cross(x) will be accepted.

Pricing schedule

The bidder's pricing must be according to each Province.

N

T

BBB

BID SPECIFICATION FOR THE SUPPLY AND DELIVERY OF FORENSIC LIGHT SOURCE(S) FOR THE DETECTION AND EXAMINATION OF FORENSIC EVIDENCE AT CRIME SCENES FOR A PERIOD OF TWO YEARS FOR SOUTH AFRICAN POLICE SERVICE: DIVISION:DETECTIVE AND FORENSIC SERVICES: COMPONENT CR&CSM: CRIME SCENE MANAGEMENT:NATIONALLY

SPECIFICATION NUMBER
323329/24

2	SPECIFICATION REQUIREMENT	COMPLIANCE COMPLY / DO NOT COMPLY
2.1	Forensic light source(s)	
2.1.1	The forensic light source(s) must be able to detect impression evidence, trace evidence and body fluids from crime scenes, including surrounding exhibits from any material and / or porous and non-porous surfaces.	
2.1.2	The forensic light source(s) must be portable and supplied in different wavelengths (nm).	
2.1.3	<p>The forensic light source(s) must have the following wavelength as minimum:</p> <ul style="list-style-type: none"> • Infra-Red light ICN CODE 6240T05092087 • Ultra violet light (UV) (350nm-380nm) ICN CODE 6240T05092081 • Violet light (400nm-415nm) ICN CODE 6240T05092082 • Blue light (430nm-460nm) ICN CODE 6240T05092083 • White light(000nm) ICN CODE 6240T05092084 	
2.1.4	The forensic light source(s) intensity must be adjustable.	
2.1.5	The forensic light source(s) must be supplied with anti-glare goggles, which are specific and compatible to the different wavelength(s) of the forensic light source(s).	
2.1.6	The forensic light source(s) must have numerous camera lens polarising filters with variable degrees.	
2.1.7	The forensic light source(s) must be supplied with camera lens filters with three rings or more that will fit on to different camera macro lens sizes (100 mm and 85 mm). The filters must be able to connect to the lens by means of stepping rings/magnetic filters/screwed directly to the camera lenses.	

N

I

BBB

BID SPECIFICATION FOR THE SUPPLY AND DELIVERY OF FORENSIC LIGHT SOURCE(S) FOR THE DETECTION AND EXAMINATION OF FORENSIC EVIDENCE AT CRIME SCENES FOR A PERIOD OF TWO YEARS FOR SOUTH AFRICAN POLICE SERVICE: DIVISION:DETECTIVE AND FORENSIC SERVICES: COMPONENT CR&CSM: CRIME SCENE MANAGEMENT:NATIONALLY

SPECIFICATION NUMBER
323329/24

CONT.	SPECIFICATION REQUIREMENT	COMPLIANCE COMPLY / DO NOT COMPLY
2.1.8	The forensic light source(s) must conform to IEC 62471-7:2023 for optical radiation safety or an equivalent international standard.	
2.1.9	The forensic light source(s) must be able to be mounted onto a tripod stand for image capturing at a crime scene.	
2.1.10	The forensic light source(s) must have built-in thermal protection.	
2.1.11	The forensic light source(s) must have high efficiency surface mount light emitting diodes (LEDs).	
2.1.12	The forensic light source(s) must be waterproof, dustproof with ingress protection (IP54).	
2.1.13	Each forensic light source(s) must be labelled with serial number or unique identification for traceability	
2.1.14	Forensic light source(s) must be able to charge individual and in a rugged protective case.	
2.2	Lithium Ion batteries ICN CODE 6140T05088176 and charger ICN CODE 6130T05092085	
2.2.1	The forensic light source(s) must be battery operated with Lithium Ion batteries lasting for at least 8 or more hours when fully charged.	
2.2.2	The Lithium Ion batteries must be rechargeable using both electric and a vehicle battery charger (including USB charger).	

N

I

BPP

BID SPECIFICATION FOR THE SUPPLY AND DELIVERY OF FORENSIC LIGHT SOURCE(S) FOR THE DETECTION AND EXAMINATION OF FORENSIC EVIDENCE AT CRIME SCENES FOR A PERIOD OF TWO YEARS FOR SOUTH AFRICAN POLICE SERVICE: DIVISION:DETECTIVE AND FORENSIC SERVICES: COMPONENT CR&CSM: CRIME SCENE MANAGEMENT:NATIONALLY

Specification Number
323320/24

CONT.	SPECIFICATION REQUIREMENT	COMPLIANCE COMPLY / DO NOT COMPLY
2.2.3	A low or full battery indicator signal must be present.	
2.2.4	The battery charger must have an input of 220 – 240V.	
2.3	Rugged protective case for contents ICN CODE 7290T05092086	
2.3.1	The forensic light source(s) must be packaged in a rugged protective case with internal protective cushion.	
2.3.2	The rugged protective case must be waterproof, dustproof, crushproof and shock resistant with ingress protection (IP54)	
2.3.3	The rugged protective case must come with charging sockets to charge the forensic light source(s) while travelling.	
2.3.4	The dimensions of the rugged protective case must be large enough to accommodate all items required (forensic light source(s) and accessories).	
2.3.5	The rugged protective case must also contain compartments for all the accessories.	
2.4	Equipment Identification	
2.4.1	Each forensic light source(s) must be clearly identified by: <ul style="list-style-type: none"> • Name • Make • Model • Serial number 	

N

H

BBB

BID SPECIFICATION FOR THE SUPPLY AND DELIVERY OF FORENSIC LIGHT SOURCE(S) FOR THE DETECTION AND EXAMINATION OF FORENSIC EVIDENCE AT CRIME SCENES FOR A PERIOD OF TWO YEARS FOR SOUTH AFRICAN POLICE SERVICE: DIVISION:DETECTIVE AND FORENSIC SERVICES: COMPONENT CR&CSM: CRIME SCENE MANAGEMENT:NATIONALLY

SPECIFICATION NUMBER
323329/24

CONT.	REQUIREMENT SPECIFICATIONS	COMPLIANCE COMPLY / DO NOT COMPLY
3.1	Full warranty	
3.1.1	The bidder must submit the warranty certificate that indicates the validity period which is not less than 12 months on all parts including the battery.	
3.2	Response to faulty and replacement of equipment	
3.2.1	If the faulty forensic light source(s) cannot be repaired within 3 working days after a technician arrived on site, it must be replaced with a new forensic light source(s) (exactly the same make and model) within 24 hours, while still under warranty, at no cost to SAPS	
3.2.2	A repair report, unique to each forensic light sources, must be issued that declare the forensic light sources fit for use, by the factory-trained technician within 2 working days after the equipment has been repaired.	
4.1	Delivery	
4.1.1	The end-user must be informed in advance of the delivery. The equipment must be delivered to the site where it was ordered by the successful bidder.	
4.1.2	Documentation All documentation must contain the serial numbers of the specific equipment to ensure traceability.	

N

I

BIB

BID SPECIFICATION FOR THE SUPPLY AND DELIVERY OF FORENSIC LIGHT SOURCE(S) FOR THE DETECTION AND EXAMINATION OF FORENSIC EVIDENCE AT CRIME SCENES FOR A PERIOD OF TWO YEARS FOR SOUTH AFRICAN POLICE SERVICE: DIVISION:DETECTIVE AND FORENSIC SERVICES: COMPONENT CR&CSM: CRIME SCENE MANAGEMENT:NATIONALLY

SPECIFICATION NUMBER
323329/24

CONT.	REQUIREMENT SPECIFICATIONS	COMPLIANCE COMPLY / DO NOT COMPLY
4.1.3	A delivery note under the company's letterhead must be supplied to the end-user on delivery containing all the serial numbers associated with the delivered equipment.	
4.1.4	All documentation of the delivered forensic light source(s) must be clearly identified by: <ul style="list-style-type: none"> • Name • Make • Model • Serial number • Manufacturing date and life span of the equipment • Manufacture's (supplier's) details and contact details 	
4.1.5	Equipment Manual The equipment manual must be supplied to each site where a forensic light sources was delivered.	
4.1.6	The equipment manual must be supplied in a hard copy (printed) format and in electronic format saved to a suitable electronic media. The electronic media must be clearly labelled and supplied in a protective case.	
4.1.7	Completion of delivery and issuing of certificates The forensic light sources must be delivered within 30 calendar days after the order was received.	

N

I

BBB

BID SPECIFICATION FOR THE SUPPLY AND DELIVERY OF FORENSIC LIGHT SOURCE(S) FOR THE DETECTION AND EXAMINATION OF FORENSIC EVIDENCE AT CRIME SCENES FOR A PERIOD OF TWO YEARS FOR SOUTH AFRICAN POLICE SERVICE: DIVISION:DETECTIVE AND FORENSIC SERVICES: COMPONENT CR&CSM: CRIME SCENE MANAGEMENT:NATIONALLY

SPECIFICATION NUMBER
323329/24

CONT.	SPECIFICATION REQUIREMENT	COMPLIANCE COMPLY / DO NOT COMPLY
4.1.8	Full warranty Upon delivery, the bidder must supply the end-user with the minimum of 12 months warranty certificates. The certificates must indicate the validity period. The warranty must be active after the forensic light source has been delivered	
5.1	PHYSICAL DEMONSTRATION ON DELIVERY BY THE SUCCESSFUL BIDDER	
5.1.1	An individual who is knowledgeable on the functioning of Forensic Light Sources must physically demonstrate the equipment to the end user.	
5.1.2	The technician must test and show the end-user that the forensic light source(s) is/are working	
5.1.3	An Operation Qualification (OQ) Certificate must be issued within 2 working days.	

BID SPECIFICATION FOR THE SUPPLY AND DELIVERY OF FORENSIC LIGHT SOURCE(S) FOR THE DETECTION AND EXAMINATION OF FORENSIC EVIDENCE AT CRIME SCENES FOR A PERIOD OF TWO YEARS FOR SOUTH AFRICAN POLICE SERVICE: DIVISION:DETECTIVE AND FORENSIC SERVICES: COMPONENT CR&CSM: CRIME SCENE MANAGEMENT:NATIONALLY


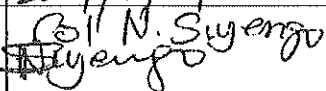

SPECIFICATION NUMBER
323329/24

LOCATIONS		
HEAD OFFICE ICN CODE: 9825T05085117	Crime Scene Management	Pretoria
LIMPOPO ICN CODE: 9825T05085118	Provincial office	Polokwane
FREE STATE ICN CODE: 9825T05085119	Provincial office	Bloemfontein
WESTERN CAPE ICN CODE: 9825T05085120	Provincial office	Cape Town
NORTH WEST ICN CODE: 9825T05085121	Provincial office	Potchefstroom
MPUMALANGA ICN CODE: 9825T05085122	Provincial office	Witbank
NORTHERN CAPE ICN CODE: 9825T05085123	Provincial office	Kimberly
GAUTENG ICN CODE: 9825T05085124	Provincial office	Johannesburg
EASTERN CAPE ICN CODE: 9825T05085125	Provincial office	King Williams Town
KWAZULU NATAL ICN CODE: 9825T05085126	Provincial Office	Durban

19/1/9/1/4070 (24) 73

BID SPECIFICATION FOR THE SUPPLY AND DELIVERY OF FORENSIC LIGHT SOURCE(S) FOR THE DETECTION AND EXAMINATION OF FORENSIC EVIDENCE AT CRIME SCENES FOR A PERIOD OF TWO YEARS FOR SOUTH AFRICAN POLICE SERVICE: DIVISION:DETECTIVE AND FORENSIC SERVICES: COMPONENT CR&CSM: CRIME SCENE MANAGEMENT:NATIONALLY

IDENTIFICATION NUMBER
323329/24

RANK	SURNAME & INITIALS	DESIGNATION	SIGNATURE AND DATE
Lt Colonel	Mlumbi BBB	Commander: Specialised Investigations	 LT COLONEL BBB MLUMBI 2024/12/04
Colonel	Siyengo N	Section Commander: Technical Management: CR&CSM	 COL. N. Siyengo 2024-12-04
Colonel	Maimane I	Acting Section Head: Crime Scene Management	 COL. MAIMANE 2024/12/04