



GOVERNMENT OF SINDH
POLICE DEPARTMENT

No. G-I/ 672 /2025/Karachi

Dated 14 -10-2025.

ORDER

Subject:-

CONSTITUTION OF COMMITTEES FOR PROCUREMENT OF PLANT & MACHINERY FOR DIGP TRAFFIC KARACHI FOR THE FINANCIAL YEAR 2025-26.

The following Committees are hereby constituted for procurement of Plant & Machinery Equipment for DIGP/Traffic Karachi, for the financial year 2025-26:-

1. Procurement Committee

1. DIGP/Traffic Karachi.	(Chairman)
2. SP/Traffic Malir Karachi.	(Secretary)
3. SP/Traffic Korangi Karachi.	(Member)
4. Rep. of Civil Defence, Sindh.	(Member)
5. Rep. of CPLC Karachi.	(Member)

2. Redressal of Grievances & Settlement of Disputes Committee

1. Addl/IGP Karachi.	(Chairman/ Secretary)
2. Rep. of Accountant General Sindh.	(Member)
3. Rep. of Home Deptt. Govt of Sindh	(Member)

Sd/-

(GHULAM NABI MEMON) PSP
INSPECTOR GENERAL OF POLICE,
SINDH, KARACHI.

Copy to the:-

1. Secretary, Home Department, Govt. of Sindh, Karachi, request for nominating the representative.
2. The Accountant General Sindh, request for nominating the representative.
3. Director Civil Defence, Govt. of Sindh, request for nominating the representative.
4. Addl/IGP Karachi.
5. Chief/CPLC Sindh Karachi request for nominating the representative.
6. DIGP/Traffic Karachi.
7. SP/Traffic Malir Karachi.
8. SP/Traffic Korangi Karachi.
9. PS to IGP Sindh.
10. PS to Addl: IGP Finance, Welfare & Logistics Sindh.
11. PA to DIGP/Finance, CPO Sindh Karachi.


(KHAWAR AKBAR SHAIKH) PSP
AIGP/Logistics,
For Inspector General of Police,
Sindh, Karachi.





Traffic Police Karachi

"اپ کے سفر میں بمسفر"

OFFICE OF THE
DEPUTY INSPECTOR GENERAL OF POLICE
TRAFFIC, KARACHI.

NO.DIGP/Traffic/Accts/ 4530 - 36 /Karachi.

Dated: 12 - 12 - 2025.

Subject: - **MEETING OF THE PROCUREMENT COMMITTEE UNDER SPPRA RULES FOR "PURCHASE OF PLANT & MACHINERY" IN CURRENT FINANCIAL 2025-26.**

The worthy IGP Sindh has constituted the following procurement committee vide order No. G-1/672/2025/Karachi/Dated: 14-10-2025, on the subject noted above.

Procurement Committee.

i. DIGP Traffic Karachi.	(Chairman)
ii. SP Traffic Malir Karachi.	(Secretary)
iii. SP Traffic Korangi Karachi.	(Member)
iv. Rep. of Civil Defence Govt. of Sindh.	(Member)
v. Rep. of CPLC Karachi.	(Member)

All members are requested to attend the meeting of Procurement Committee on the captioned subject at **1400 hours, Monday 15th December-2025** at Conference Room of office of the DIGP Traffic Karachi, Aga Khan -III Road, Police Headquarter Garden South Karachi.

Agenda of Meeting.

1. Preparing of Procurement Plan.
2. Preparing of RFP.
3. Preparing of draft of NIT.
4. Discussed tendering issues.
5. Approval of required Pant & Machinery equipments specification.

Signature
(SYED PEER MUHAMMAD SHAH) PSP
QPM & Bar, PPM, T.St.

Deputy Inspector General of Police
Traffic, Karachi.

A Copy is forwarded to the following for information & necessary action.

1. The IGP Sindh Karachi (Attn: AIGP Logistics).
2. The Addl. IGP Karachi (Attn: ADIGP Admin).
3. The Director General Civil Defense, Govt. of Sindh Karachi with the request to please nominate representative to attend the subject meeting at above venue and time.
4. The Chief CPLC, Sindh Karachi with the request to please nominate representative to attend the subject meeting at above venue and time.
5. The SP Traffic Malir Karachi.
6. The SP Traffic Korangi Karachi.
7. PS to DIGP Traffic Karachi.
8. Master File.



OFFICE OF THE
DEPUTY INSPECTOR GENERAL OF POLICE
TRAFFIC, KARACHI.
Police Head Quarter Garden, Agha Khan 3rd Road Karachi.
Tel # 021-99216141-E-mail: digtraffic.acc@gmail.com

Subject: MINUTES OF MEETING OF PROCUREMENT COMMITTEE FOR PURCHASE OF PLANT & MACHINERY IN CFY 2025-26.

The meeting of the procurement committee constituted by the IGP Sindh vide No. G-1 / 672 / Dated: 14-10-2025 held on 15.12.2025 at 1400 hours at Conference Room of DIGP Traffic office Karachi.

Following officers attended the meeting:

01-	Syed Peer Muhammad Shah (PSP) DIGP Traffic Karachi.	Chairman.
02-	Syed Iftikhar Ali Shah SP Traffic Malir Karachi.	Secretary.
03-	Mr. Majnoor Khan Unnar SP Traffic Korangi Karachi.	Member.
04-	Ms. Fatima Memon. Deputy Director Civil Defence, Govt. Of Sindh, Karachi.	Member
05-	Mr. Sufyan Younus Lashkarwala Rep. of CPLC, Karachi.	Member.

The chairman of the committee started the proceeding and briefed the participants regarding procurement of Plant & Machinery in CFY 2025-26.

During the meeting the committee thoroughly discuss the requirement of plant & machinery items to Karachi Traffic Police and analyzed the draft of Technical Specification of Items, Procurement Plan, NIT & RFP under SPPRA rule No. 8 and took the following

(2)

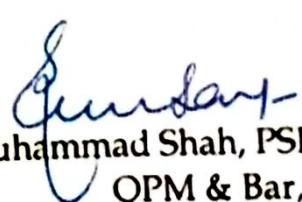
The Procurement Committee approved the draft of Technical Specification of Items, Procurement Plan, NIT & RFP and decided that the NIT may be published in leading Newspapers.

Syed Iftikhar Ali Shah, (Secretary)
Superintendent of Police
Traffic District Malir, Karachi.


Suliyam Younus Lashkar Wala (Member)
Rep. of CPLC, Karachi.


Majnoo Khan Ummar, (Member)
Superintendent of Police
Traffic District Korangi, Karachi.

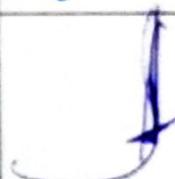

Ms. Fatima Memon (Member)
Rep. of Civil Defence,
Govt of Sindh, Karachi.


Syed Peer Muhammad Shah, PSP (Chairman)
QPM & Bar, PPM, T. St.
Deputy Inspector General of Police
Traffic, Karachi.

Dated: 15-12-2025.

ATTENDANCE SHEET

1ST MEETING OF PROCUREMENT COMMITTEE FOR "PURCHASE OF PLANT & MACHINERY IN CFY 2025-26".

S. No.	Designation	Name	Cell No.	Signature
1	DIGP Traffic Karachi. (Chairman)	Syed Peer Muhammad Shah	0333-0280786	
2	SP Traffic Malir Karachi. (Secretary)	Syed Afzal Hussain	03013991091	
3	SP Traffic Korangi Karachi (Member)	Majrood Ichou Umar	0333 - 2114183	
4	Rep. of Civil Defence, Govt. of Sindh. (Member)	Fatima Memon	0324-8298508	
5	Rep. of CPLC Sindh. (Member)	Syed Younis	0321- 2442828	

**ANNUAL PROCUREMENT PLAN
(WORKS, GOODS & SERVICES)**
Financial Year 2025-26

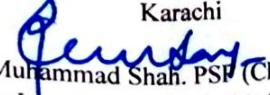
Plant & Machinery		Description of Procurement	Quantity (Where applicable)	Estimated Unit Cost (Where applicable)	Estimated total cost	Funds allocated	Source of funds (ADP/Non ADP)	Proposed procurement method	Timing of Procurement				Remarks
									1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	
1	Split AC 2 Ton		2	296,500	593,000	70,000,000	Non ADP	Single Stage Two Envelopes	2nd Qtr				
2	Split AC 1.5 Ton		12	205,700	2,468,400								
3	Floor Stand Air Conditioner		2	326,900	653,800								
4	Photocopier Heavy Duty		3	619,500	1,858,500								
5	Water Dispenser		10	53,900	539,000								
6	Rubber/Plastic Traffic Cones		500	2,500	1,250,000								
7	Road Safety Solar Flashing Light for Cones		500	3,500	1,750,000								
8	Reflective Road Safety PVC Guiding Delineator		500	2,500	1,250,000								
9	Red & White Color Plastic Chain (25 meter)		20	3,000	60,000								
10	Reflective Road Safety Heavy Duty Rubber Humps Speed Breaker		300 Rft.	9,000	2,700,000								
11	Wheel Clamp Lock		100	10,000	1,000,000								
12	Electric Lighting Bill Board		11	200,000	2,200,000								
13	Pressure Water Gun.		1	27,000	27,000								
14	First Aid Kit		100	5,000	500,000								
15	Fire Extinguisher		100	4,800	480,000								
16	Speed Display Board (Auto Speed Teller)		10	165,000	1,650,000								
17	DSLR Camera with Lens and SD Card.		1	1,000,000	1,000,000								
18	UPS for Computer with Battery.		103	15,000	1,545,000								
19	UPS 3KV.		2	350,000	700,000								
20	Traffic Baton Light.		450	2,000	900,000								
21	Battery for Body Worn Camera.		350	12,500	4,375,000								
22	Road Studs Aluminum		1000	1,000	1,000,000								
23	Plastic Road Water Barrier		300	30,000	9,000,000								
24	Reflective Tape Roll		10	4,000	40,000								
25	Heavy Torches		100	15,000	1,500,000								
26	Road LED Digital Board for PSM.		4	1,500,000	6,000,000								
27	Vehicile Mounted LED Digital Board for PSM.		20	250,000	5,000,000								
28	Interactive Smart Display / Interactive Flat Panel 65"		1	450,000	450,000								
29	Traffic Canopy (Kiosk)		10	1,500,000	15,000,000								
30	Drone		2	2,250,000	4,500,000								
				Total	69,989,700								
				Balance	10,300								

Syed Iftikhar Ali Shah (Secretary)
SP Traffic Malir Karachi

Majnoo Khan Unnar (Member)
SP Traffic Korangi Karachi

Sufiyan Younus Lashkarwala (Member)
Rep. of CPLC Karachi


Ms. Fatima Memon (Member)
Rep. of Civil Defence, Govt of Sindh.
Karachi


Syed Peer Muhammad Shah, PSF (Chairman)
Deputy Inspector General of Police
Traffic Karachi.



OFFICE OF THE
DEPUTY INSPECTOR GENERAL OF POLICE
TRAFFIC, KARACHI.

TENDER NOTICE

In accordance with Sindh Public Procurement Rules, 2010 (Amended 2019), the Police Department, Government of Sindh, invites tenders from suppliers, authorized dealers and well reputed firms registered with FBR for Sales Tax, Income Tax & other related taxes for the supply of following Plant & Machinery for Karachi Traffic Police:-

S. #	Name of Items	Qty
1	Split AC 2 Ton	2
2	Split AC 1.5 Ton	12
3	Floor Stand Air Conditioner	2
4	Photocopier Heavy Duty	3
5	Water Dispenser	10
6	Rubber/Plastic Traffic Cones	500
7	Road Safety Solar Flashing Light for Cones	500
8	Reflective Road Safety PVC Guiding Delineator	500
9	Red & White Color Plastic Chain (25 meter)	20
10	Reflective Road Safety Heavy Duty Rubber Humps Speed Breaker	300 Rft.
11	Wheel Clamp Lock	100
12	Electric Lighting Bill Board	11
13	Pressure Water Gun.	1
14	First Aid Kit	100
15	Fire Extinguisher	100
16	Speed Display Board (Auto Speed Teller)	10
17	DSLR Camera with Lens and SD Card.	1
18	UPS for Computer with Battery.	103
19	UPS 3KV.	2
20	Traffic Baton Light.	450
21	Battery for Body Worn Camera.	350
22	Road Studs Aluminum	1000
23	Plastic Road Water Barrier	300
24	Reflective Tape Roll	10
25	Heavy Torches	100
26	Road LED Digital Board for PSM.	4
27	Vehicle Mounted LED Digital Board for PSM.	20
28	Interactive Smart Display / Interactive Flat Panel 65"	1
29	Traffic Canopy (Kiosk)	10
30	Drone	2

INSTRUCTIONS:

1. Single Stage-Two envelope Procedure will be adopted for the tender process. Bid shall comprise of a single package containing two separate envelopes. Each envelope shall contain separately sealed financial proposal and technical proposal. Envelopes shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters to avoid confusion.
2. Interested firms may download the tender forms from the date of publication from SPPRA (EPADS). The tenders duly filled shall be received back till 06-01-2026 at 1400 hours (E-Submission through EPADS). All the bidders are directed to bring original call deposit / pay order in favour of undersigned along with his company's profile and a set of duly filled bidding documents.
3. Sealed tenders on prescribed proforma in duplicate along with tender fees of Rs. 3000/- and 2% bid security of the total bid in the form of Pay Order (Payee's A/c in favour of DIGP Traffic Karachi) should be dropped in the tender box kept in office of the DIGP Traffic Karachi, PHQ Garden Aga Khan III Road Karachi on or before 06-01-2026 at 1400 hours.

[Handwritten signatures and initials follow, including "Abbas", "J. I.", "F. I.", "T. I.", and "F. I."]

4. Samples of quoted item should be dropped with sealed tender covers at the time, date & address mentioned at S.No.3. (Except item No.24, 25 & 26).
5. The tender shall be opened on 06-01-2026 at 1430 hours in presence of Procurement Committee and in presence of representatives of bidders who choose to be present on the occasion, in the Conference Room of Office of the DIGP Traffic Karachi.
6. Suppliers, authorized dealers and firms registered with FBR for Sales Tax, Income Tax & other related Taxes are eligible to participate in the tenders (documentary proof required).
7. Only bids offered on the prescribed tender form issued by the Police Department shall be accepted. However, additional sheets may be attached, if required.
8. Bidders are required to quote the service charges in local currency (Pakistani Rupee).
9. Bidders should submit their bid/bids alongwith sample. Without samples bids will not be entertained.
10. Conditional tender / application will not be entertained.
11. In case tender opening date is declares as public holiday by the Government, the tender will be opened on the next working day.
12. Undertaking on stamp paper that the firm/Supplier is not currently involved in any kind of litigation, department rift, abandoned or un-necessary delay in any supply in the Government as well as in private organizations and not blacklisted.
13. Police Department reserves the right to increase or decrease the quantity of items as per SPPRA Rules.
14. Competent authority can cancel the bidding process at any time prior to the acceptance of a proposal as per provision of Rule-25(1) of SPP-Rules.2010 (Amended 2019).

Guarantor
 (SYED PEER MUHAMMAD SHAH) PSP
 QPM & Bar, PPM, T. St.
 Deputy Inspector General of Police
 Traffic, Karachi.

Abbas

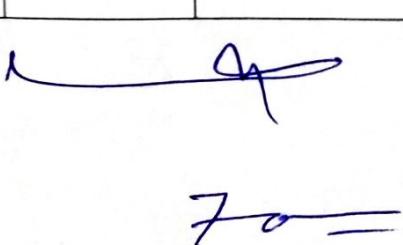
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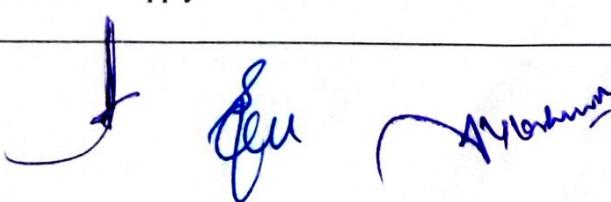
SPECIFICATION FOR PROCUREMENT OF PLANT & MACHINERY

S#	Item	Specification	Qty
1.	Split AC 02 Ton	Air Conditioner (Split type), wall mounted, non-invertor, cooling capacity 24,000 BTUs/HR, (02 Tons). Single phase, Rotary compressor, with all controls. Brands: Gree / PEL / Kenwood/ Haier or equivalent, with Standard Warranty of Compressor & Parts. Complete with installation kit including copper tubing (as per site of installation) with Insulation, taping & Dura Duct/Casing, internal wiring, PVC Drain Pipe and Angle Bracket / Stand etc	2
2.	Split AC1.5 Ton	Air Conditioner (Split type), wall mounted, non-invertor, cooling capacity 18,000 BTUs/HR, (1.5 Tons). Single phase, Rotary compressor, with all controls. Brands: Gree / PEL / Kenwood/ Haier or equivalent, with Standard Warranty of Compressor & Parts. Complete with installation kit including copper tubing (as per site of installation) with Insulation, taping & Dura Duct/Casing, internal wiring, PVC Drain Pipe and Angle Bracket / Stand etc	12
3.	Floor Standing AC 2 Ton	Air Conditioner (Floor standing type), non-invertor, cooling capacity 24,000 BTUs/HR, (02 Tons). Single phase, Rotary compressor, with all controls. Brands: Gree / PEL / Kenwood/ Haier or equivalent, with Standard Warranty of Compressor & Parts. Complete with installation kit including copper tubing (as per site of installation) with Insulation, taping & Dura Duct/Casing, internal wiring, PVC Drain Pipe and Angle Bracket / Stand etc	2
4.	Photo Copier Heavy Duty	<ul style="list-style-type: none"> ➢ Speed 35 CPM (Copy per minutes). ➢ Copy Resolution 600x600 dpi or better. ➢ LAN (Local Area Network) ➢ First copy print 08 second or less. ➢ Copy size: Up to A3. ➢ Paper supply : 500x2 tray or better ➢ Bypass tray capacity: 100 or above. ➢ Duplex Printing. ➢ Reverse Automatic Document Feeder (RADF). ➢ Connectivity: Ethernet, USB. ➢ Mobile Printing. ➢ Drum Life Minimum 80,000 copies or above. ➢ Toner Life Minimum 25,000 copies or above. ➢ Original Trolley with 2 Trays. ➢ Country of Origin must be mentioned. ➢ Manufacturing year must be provide from Manufacturer. ➢ OEM (Original Equipment Manufacturer) authorized dealers only. ➢ Warranty 01 Year or above. ➢ Authorization certificate in favor of DIGP Traffic Karachi from Manufacture. 	3
5.	Water Dispenser	<ul style="list-style-type: none"> ➢ Cooling Method: Compressor ➢ Hot Water. ➢ Cold Water. ➢ 3 Taps with 3 buttons (Hot, Normal & Cold) ➢ Glass Door ➢ Hot Water Capacity (L/H) 1 Liter per Hour or above ➢ Cold Water Capacity (L/H) 2 Liter per Hour or above 	14

		<ul style="list-style-type: none"> ➢ Refrigerator Cabinet. ➢ LED Display. ➢ Security Button ➢ 01 Year Warranty 	
6.	Rubber / Plastic Traffic Cone.	<ul style="list-style-type: none"> ➢ Material: PVC Polyvinyl chloride ➢ Colour: Orange. ➢ Size: 28 inch. ➢ Specification: Waterproof ➢ Attached: Two Reflecting Tape 	500
7.	Solar Flashing Light for Cones	<p>This solar-powered traffic warning light is a durable, weather-resistant flashing beacon designed to increase road safety and visibility. Its integrated solar panel charges the internal batteries, making it a low-maintenance solution typically mounted on traffic cones or barricades at construction sites</p> <p>Material : Plastic/PVC Size: Height : 43cm Width: 33.4cm.</p>	500
8.	Reflective Road Safety PVC Traffic Guiding Delineators	<ul style="list-style-type: none"> ➢ Height : 42 Inches ➢ Color : Orange ➢ Material : 100% Recyclable PVC ➢ Reflective Collar : Diamond Grade Fluorescent (DGF) ➢ Safety Standards : MUTCD; NCHRP-350 ➢ Weight : 7.5.00 lbs ➢ Attached: Two Reflecting Tape 	500
9.	Red & White Plastic Chain	<ul style="list-style-type: none"> ➢ Material : PE ➢ Diameter : 6mm & 8mm. ➢ Size : 25 meter 	20
10.	Reflective Road Safety Heavy Duty Rubber Humps Speed Breaker	<ul style="list-style-type: none"> ➢ Natural and Synthetic Rubber Material. ➢ Solid Black and Yellow Color. ➢ End Caps for Protecting Section ends from wear and tear. ➢ UV, moisture and temperature resistance. ➢ Size: Middle Section : L 20"-W 15"-H 75"-Weight 24kg (approx). End Cap : L 8"-W 20"-H 75-Weight 6 kg (approx). 	300 Rft.
11.	Wheel Clamp Lock	<ul style="list-style-type: none"> ➢ Adjustable fit for tires 175mm – 275mm wide ➢ Heavy-duty, weather-resistant construction ➢ Highly visible as a theft deterrent ➢ Easy to use and install ➢ Dimensions – L 482mm x W 275mm ➢ Weight – 2 to 3kg ➢ Wheel Diameter- 155mm -290mm ➢ Keys- 2 or 3. ➢ Material- Metal. 	100
12.	Electric Lighting Bill Boards	<ul style="list-style-type: none"> ➢ Structure MS Pipe 1x1inch 20swg. ➢ Angle of Front 1x1 inch for beast Illumination on the front of the sign face. ➢ Electric Welded Frame. ➢ Depth of fascia wil be 10inch. ➢ Stricture Painted with Red Oxide and Oil Paint. ➢ Top and Bottom 10 inch Sheet with Powder Coated. ➢ Front Face 3M Star Flew with UV Printing. ➢ LED Module RO3 (10000) with Power Supply. 	11



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 Jai



 A. V. Mohan

13.	Pressure Water Gun	<ul style="list-style-type: none"> ➢ Watts 1400 to 1600. ➢ Pressure 110 to 130 bar. ➢ Flow Rate (l/h): 360 to 400. ➢ Power Input 220v. ➢ High-pressure gun ➢ Shampoo bottle. ➢ High-pressure hose minimum 5meter. ➢ Power cord with plug minimum 5meter. ➢ Inlet filter. ➢ Nozzle cleaning pin. ➢ HPC Connector. ➢ Foaming Canon. 	1
14.	First Aid Box With Medicine	<ul style="list-style-type: none"> ➢ Kit Bag. ➢ Anti Septic Cleansing Wipes. ➢ Antiseptic Povidone-Iodine Prep Pads. ➢ Alcohol Pads. ➢ Adhesive wound dressings (6cm x 10cm). ➢ Adhesive wound dressings (6cm x 7cm). ➢ Sterile gauze swabs. ➢ Bandages. ➢ Elastic Bandages. ➢ Adhesive Tape. ➢ Scissor. ➢ Safety Pins. 	100
15.	Fire Extinguisher	<ul style="list-style-type: none"> ➢ Dry Chemical Powder. ➢ Capacity 6kg. ➢ Durable Steel Cylinder with Powder Coated Finish. ➢ Brass Valve. ➢ ABS Fire Class Rating. ➢ Stainless Steel Gauge Indicating Extinguisher Pressure. ➢ Heavy Duty Hose for Accurate and Controlled Discharge. ➢ Wall Mounting Bracket . ➢ Minimum discharge Time 14 Sec. ➢ Operating Temperature -20C to +60C 	100
16.	Auto Speed Teller	<ul style="list-style-type: none"> ➢ Working temperature: 40°C-60°C ➢ Quality warranty: 1 years ➢ Working voltage: Solar powered DC12V , AC220V can be chose ➢ Modulation mode: CW detection of moving vehicles,detection distance\geq150 meters ➢ Radar working frequency: 24.150GHZ ➢ Visible distance: above 300 meter ➢ Parameter settings: Phone APP ➢ Housing material: cold-roll -steel sheets ➢ Solar panel: 30W ➢ Recommended Installation Height: 2.5 - 4 meters 	10

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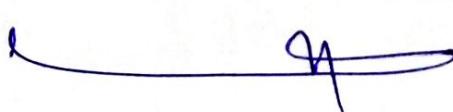
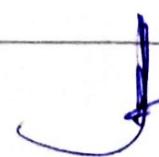
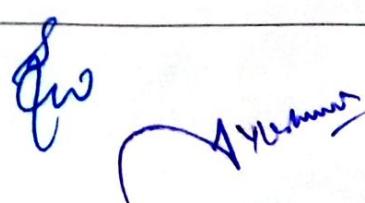
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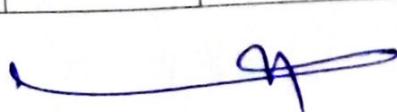
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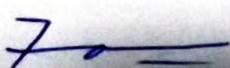
	DSLR Camera with lens and SD Cards.	<ul style="list-style-type: none"> ➤ Hybrid mirror less camera 33MP full-frame sensor, 4K 60p video recording, and a powerful autofocus system. ➤ Lens : <ul style="list-style-type: none"> FE 50mm f/ 1.4. FE 35mm f/1.4. ➤ 2 SD Card: 512 GB (UHS-II/V60) 	1
18.	UPS for Computer	<ul style="list-style-type: none"> ➤ Uninterruptible Power Supply with Surge Protection. ➤ Line Interactive ➤ Simulated Sine-Wave ➤ Wide Input Voltage: 145-275V 50Hz ➤ Output: 220V +/- 10% 50Hz 	103
19.	UPS 3KV	<p><u>Out Put.</u></p> <ul style="list-style-type: none"> ➤ VR Rating: 3000VA (3KVA). ➤ Wattage: 3000W. ➤ Current (220-240V) max: 10.8A. ➤ Voltage: 100, 110, 120V / 220, 230, 240V +/-2%. ➤ Frequency : 50/60 Hz Auto Select ➤ Waveform: Pure Sinewave. ➤ Harmonic Distortion: Less than 3% at full load (linear load). <p><u>Input.</u></p> <ul style="list-style-type: none"> ➤ Voltage : 80V-14V / 160V-275V ➤ Frequency : 50-60 Hz Auto Select <p><u>Transfer Time.</u></p> <ul style="list-style-type: none"> ➤ INV to Bypass / Bypass to INV : Zero. ➤ Power Failure Recovery : 0 msec. <p><u>Battery.</u></p> <ul style="list-style-type: none"> ➤ Type : 12V / 7AH Lead Acid maintenance free. ➤ DC Voltage : 72VDC. ➤ Recharge Time : 5-8 Hours. ➤ Recharge Current : 1.5A to 10A. <p><u>External Battery Bank.</u></p> <ul style="list-style-type: none"> ➤ Optional. <p><u>Efficiency.</u></p> <ul style="list-style-type: none"> ➤ AC to AC 85% min. 	2

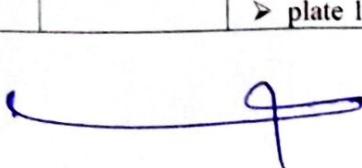
	<p><u>Audible Noise.</u></p> <ul style="list-style-type: none"> ➤ At One Meter <50dba. <p><u>Indications.</u></p> <ul style="list-style-type: none"> ➤ LCD Display, LINE, INV, BAT, BYPASS, FAULT, BAT./LOAD LEVEL. <p><u>Auto Restart.</u></p> <ul style="list-style-type: none"> ➤ YES. <p><u>DC Startup.</u></p> <ul style="list-style-type: none"> ➤ YES. <p><u>Protection.</u></p> <ul style="list-style-type: none"> ➤ Overload >110% of full transfer to by pass output, will work normally again when short circuit removed. <p><u>Over/Under Voltage at I/P, O/P.</u></p> <ul style="list-style-type: none"> ➤ Inverter Shutdown Protection <p><u>Mechanical Dimension (WxHxD).</u></p> <ul style="list-style-type: none"> ➤ 455 x 195 x 345. 	
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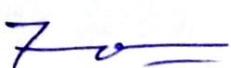
20.	Traffic Baton Light	<p><u>Technical Specifications:</u></p> <ul style="list-style-type: none"> ➤ LEDs 6 Red + 6 Green (High-Intensity). ➤ Light Mode Revolving/Flashing/Steady. ➤ Power Source 2xD Batteries (Included). ➤ Battery Life 12+ Hours (Continuous Use). ➤ Material ABS Plastic (Weather-Resistant). ➤ Dimensions 40cm (Length) x 8cm (Head Diameter). ➤ Weight 450g (Without Batteries). ➤ Operational Temp -10°C to 50°C. 	450
21.	Battery for Body Worn Camera.	<p><u>DS-MH2311 Body Worn Camera (Hikvision).</u></p> <p><u>Battery / Power Specifications:</u></p> <ul style="list-style-type: none"> ➤ Battery Type: Dismountable / Removable Lithium-ion battery ➤ Capacity 3,300 mAh ➤ Voltage / Output ~3.8 V (typical for such replacements) ➤ Recording Time Up to ~8 hours of continuous video recording (with standard settings) Some datasheets hint up to 12 h at lower resolution (720p). ➤ Charging Time ≤ 4 hours 	350






22.	Road Studs Aluminum (Reflector)	<ul style="list-style-type: none"> ➢ Aluminum Pressure Die Cast. ➢ Metallic Cat Eye with Spike and Two Sided High Grade Acrylic Ultrasonic Reflector. ➢ Material: A Grade Aluminum Alloy (ADC-12) ➢ Stud Weight: 140gram ➢ Load Bearing : 20 tons ➢ Size : 100mm x 90mm ➢ With Certificate. 	1000
23.	Plastic Road Block Water Barrier	<ul style="list-style-type: none"> ➢ Material : Plastic ➢ Color : Red, Yellow & White. ➢ Height : 62 cm. ➢ Top Width : 11 cm. ➢ Length : 182 cm ➢ Bottom Width : 19 cm ➢ Weight : 22 kg. ➢ Filled with water or sand. 	300
24.	Reflective Tape Roll	<ul style="list-style-type: none"> ➢ Material PVC. ➢ Size 3 inch. ➢ Roll length 25 meter. ➢ Color yellow. 	10
25.	Heavy Torches (Aluminum Alloy Flashlight)	<ul style="list-style-type: none"> ➢ Aluminum alloy flashlight. ➢ Battery Capacity : 6 x 18650 ➢ Brightness Upto : 20000 ➢ Lighting Time : 15 hours ➢ Living water proof. 	100
26.	LED Digital Board for Roads	<p>Key Specs:-</p> <ul style="list-style-type: none"> ➢ Pixel Pitch: 10mm (distance between LED centers). ➢ Module Size: 320mm x 160mm (approx. 12.6" x 6.3"). ➢ Resolution: 32 pixels (W) x 16 pixels (H) per module. ➢ LED Type: DIP (Dual In-line Package) or SMD (Surface Mount Device). ➢ Color: Single color (Red, Green, Blue, White). ➢ Brightness: High (e.g., 3500-6500+ nits) for outdoor visibility. ➢ Drive Mode: Constant Current, often 1/4 Scan. ➢ Power: DC 5V, Low power consumption. ➢ Waterproof Rating: IP65 (for outdoor use). ➢ Refresh Rate: High, ≥ 1920Hz for flicker-free display. ➢ Usage: Ideal for text, time, simple animations, and stock tickers. ➢ 37.5"x125" original size. <p>Pole Specs:-</p> <ul style="list-style-type: none"> ➢ 6 inch poll size ➢ 6mm thickness ➢ 16 feet height ➢ side poll 4 inch 4mm thickness ➢ plate 12mm 	4



	<ul style="list-style-type: none"> ➤ plate size 15" x15" ➤ foundation 25mm 	
27.	<p>LED Digital Board for Vehicles</p> <p>Key Specs:-</p> <ul style="list-style-type: none"> ➤ Pixel Pitch: 10mm (distance between LED centers). ➤ Module Size: 320mm x 160mm (approx. 12.6" x 6.3"). ➤ Resolution: 32 pixels (W) x 16 pixels (H) per module. ➤ Pixel Density: 10000 dots/m² ➤ LED Type: DIP (Dual In-line Package) or SMD (Surface Mount Device). ➤ Color Configuration: Single Red. ➤ Brightness: Ranges widely by manufacturer but typically between 2000 and 4000cd/m² (nits) for outdoor use. ➤ Viewing Angle : 80° Horizontal, 60° Vertical (Approximate, varies by specific model). ➤ Best Viewing Distance: 10m to 100m. ➤ Scan Mode: 1/4 Constant Current Drive. ➤ Drive Mode: Constant Current, often 1/4 Scan. ➤ Operating Voltage: 5V DC. ➤ Max Power Consumption (per module) : Approximately 20-30W. ➤ Operating Environment: Designed for outdoor use, typically IP65 waterproof rating, with an operating temperature range of -20° C to +60° C. ➤ Interface: Commonly uses a HUB12 or HUB75 interface. ➤ With all vehicle mounting accessories. 	20
28.	<p>Interactive Smart Display / Interactive Flat Panel 65 inch.</p> <p>Display Resolution: 4K UHD (3840 x 2160 pixels).</p> <p>Touch Technology : Common types include infrared (IR) and capacitive with multi-touch support for multiple users.</p> <p>Operating System : Often includes a built-in Android OS and compatibility with OPS PC modules for Windows.</p> <p>Connectivity : Features HDMI, USB, USB-C, LAN, Wi-Fi, (including Wi-Fi 6), and Bluetooth.</p> <p>Integrated Tools : Includes interactive whiteboard software, wireless screen mirroring, speakers, camera and microphone.</p> <p>Warranty : 1 year minimum.</p>	1

29. FABRICATION OF CANOPY (TRAFFIC KIOSK)

S.No.	QTY
01.	10
	Traffic Canopy.
i	MS Works with Canopy shape ceiling
ii	Providing making and Installation in position of Police check post cabin with canopy shape ceiling consisting of MS tube 2"x2", 1"x1", 1"x2" 16 Swg MS framing and fixing of Alucobond sheet on MS framing etc., Including all hardware, wastage, lifting, shifting, complete in all respect.
iii	MS Tube 2"x2" 16 SWG = 100 Rft
iv	MS Tube 1"x1" 16 SWG = 60 Rft
	MS Tube 1"x2" 16 SWG = 90 Rft
	Alucobond Sheet
	1- 4'-0"x10'-0"x04nos=160Sft
	2- 4'-0"x2'-0"x01nos=08Sft
	3- 4'-0"x2'-6"x02nos=20Sft
	Total = 188 Sft
02.	Marine Ply Ceiling
	Providing making and Installation in position of Marine ply ceiling consisting of 1/2" thick imported marine ply fixing on already install MS pipe framing including all hardware, wastage, cutting, lifting, shifting complete in all respect as per instruction.
i	Imported Marine Ply sheet 1/2" thick
ii	Labour Cost for Cutting, Making and fixing
03.	Decco Paint Works
	Providing and applying approved quality decorative deco paint over one coat of red oxide zinc chromate primer on MS frame surface, including surface preparation (cleaning, rubbing, removing rust/grease), complete in all respects as per manufacturer's instructions
i	Decco Paint on Police Check Post Cabin
ii	Decco Paint on Bench
04.	Electrical Works
	Downlight
	Supply & Installation in position of Down Lights fixing on Marine ply ceiling complete in all respect as per instructions
ii.	Celling Fan
	Supply & Installation in position of Ceiling Fan (Voldam) fixing on Marine ply ceiling complete in all respect as per instruction
05.	Signage
	Supply & Installation in position of Signage (Karachi traffic poice) complete in all respect as per instructions
06.	Installation of Police Check Post Cabin
ii	Cutting and leveling of road and fixing of check post cabin with 1:2:4 cement concrete complete in all respect.

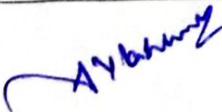
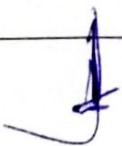
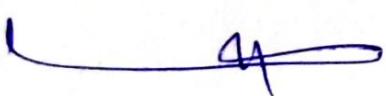
7a

Jew

AVM

Air Craft

- Takeoff Weight (with propellers) 1219 g
- Takeoff Weight (with Low-Noise propellers) 1229 g
- Max Takeoff Weight
 - Standard Propellers: 1420 g
 - Low-Noise Propellers: 1430 g
- Dimensions
 - Folded: 260.6×113.7×138.4 mm (L×W×H)
 - Unfolded: 307.0×387.5×149.5 mm (L×W×H)
- Max Payload 200 g
- Propeller Size 10.8 in
- Diagonal Wheelbase 438.8 mm
- Max Ascent Speed 10 m/s
- Maximum Ascent Speed With Accessories 6 m/s
- Max Descent Speed 8 m/s
- Max Descent Speed With Accessories 6 m/s
- Max Horizontal Speed (at sea level, no wind)
 - 21 m/s
 - 21 m/s flying forward, 18 m/s flying backward, 19 m/s flying sideways*
- Max Altitude 6000 m
- Max Operating Altitude with Payload 4000 m
- Max Flight Time (without wind)
 - 49 min (standard propellers)
 - 46 min (low-noise propellers)
- Max Hover Time (without wind)
 - 42 min (standard propellers)
 - 39 min (low-noise propellers)
- Max Flight Distance (no wind)
 - 35 km (standard propellers)
 - 32 km (low-noise propellers)
- Max Wind Speed Resistance 12 m/s*
- Max Pitch Angle 35°
- Operating Temperature -10°C to 40°C (14°F to 104°F)
- GNSS : GPS + Galileo + BeiDou + GLONASS*
- Hovering Accuracy Range (windless or breezy)
 - ±0.1 m (with Vision System); ±0.5 m (with GNSS); ±0.1 m (with RTK)
- RTK GNSS Accuracy
 - RTK Fix:



1 cm + 1 ppm (horizontal), 1.5 cm + 1 ppm (vertical)

➤ Ports :

E-Port interface × 1: Supports official accessories and third-party PSDK devices (hot-swapping is not supported)

E-Port Lite interface × 1: supports USB connection to DJI tuning software and some third-party PSDK devices.

➤ Propeller Model

1157F (standard propellers)

1154F (low noise propeller)

➤ Beacon

Built into the aircraft

Camera

➤ Image Sensor:

Wide:

1/1.3-inch CMOS, Effective Pixels: 48 MP

Medium Tele Camera:

1/1.3-inch CMOS, Effective Pixels: 48 MP

Telephoto:

1/1.5-inch CMOS, Effective Pixels: 48 MP

Wide:

4/3-inch CMOS Effective Pixels: 20 MP

Medium Tele Camera:

1/1.3-inch CMOS, Effective Pixels: 48 MP

Telephoto:

1/1.5-inch CMOS, Effective Pixels: 48 MP

➤ **Lens**

FOV: 82°

Equivalent Focal Length: 24 mm

Aperture: f/1.7

Focus: 1 m to ∞

FOV: 84°

Equivalent Focal Length: 24 mm

Aperture: f/2.8-f/11

Focus: 1 m to ∞

Medium Tele Camera

FOV: 35°

Equivalent Focal Length: 70 mm

Aperture: f/2.8

Focus: 3 m to ∞

Tele camera

✓

J g A

Z

FOV: 15°

Equivalent Focal Length: 168 mm

Aperture: f/2.8

Focus: 3 m to ∞

➤ ISO Range

Normal Mode: ISO 100 to ISO 25600

Night Scene Mode:

Wide Camera: ISO 100 to ISO 409600

Midum Tele Camera: ISO 100 to ISO 409600

Tele Camera: ISO 100 to ISO 819200

Wide Camera: ISO 100 to ISO 204800

Midum Tele Camera: ISO 100 to ISO 409600

Tele Camera: ISO 100 to ISO 409600

➤ Shutter Speed : 2-1/8000 s

Wide:

Electronic Shutter: 2-1/8000 s

Mechanical Shutter: 2-1/2000 s

Medium Telephoto: 2-1/8000 s

Telephoto: 2-1/8000 s

➤ Max Photo Size

Wide: 8064 \times 6048

Medium Telephoto: 8064 \times 6048

Telephoto: 8192 \times 6144

Wide: 5280 \times 3956

Medium Telephoto: 8064 \times 6048

Telephoto: 8192 \times 6144

➤ Wide:

Single: 12 MP/48 MP

Interval: 12 MP/48 MP

JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s

Smart Shooting:12MP

Panorama: 12 MP (raw image);100 MP (stitched image)

Medium Tele Camera:

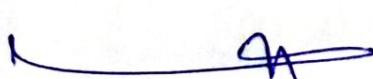
Single: 12 MP and 48 MP

Interval: 12 MP/48 MP

JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s

Smart Shooting: 12MP

Telephoto:











Single: 12 MP and 48 MP
Interval: 12 MP/48 MP
JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s
Smart Shooting: 12MP
Single: 20 MP
Interval: 20 MP
JPEG: 0.5/0.7/1/2/3/5/7/10/15/20/30/60 s
JPEG + RAW: 2/3/5/7/10/15/20/30/60 s
Smart Shooting: 20 MP
Panorama: 20 MP (raw image);100 MP (stitched image)
Medium Tele Camera:
Single: 12 MP and 48 MP
Interval: 12 MP/48 MP
JPEG: 0.5/0.7/1/2/3/5/7/10/15/20/30/60 s
Smart Shooting: 12 MP
Telephoto:
Single: 12 MP and 48 MP
Interval: 12 MP/48 MP
JPEG: 0.5/0.7/1/2/3/5/7/10/15/20/30/60 s
Smart Shooting: 12 MP

- Video Codec and Resolution
Video Coding Format: H.264/H.265
Coding Strategy: CBR, VBR
Resolution:
4K: 3840 × 2160@30fps
FHD: 1920 × 1080@30fps
- Max Video Bitrate
H.264: 60Mbps
H.265: 40Mbps
- Supported File System
➤ exFAT
- Photo Format : JPEG
Wide: JPEG/DNG (RAW)
Medium Tele Camera: JPEG
Telephoto: JPEG
- Video Format
MP4 (MPEG-4 AVC/H.264)

✓

✓

✓

✓

✓

Digital Zoom

Telephoto:

16x (112x hybrid zoom)

NIR Auxiliary Light

- Infrared Illuminatio : FOV: $5.7^\circ \pm 0.3^\circ$

Laser Module

Laser Range finding

Measurement Range: 1800 m (1 Hz) @20% reflectivity target*

Oblique Incidence Range (1:5 Oblique Distance): 600 m (1 Hz)

Blind Zone: 1 m

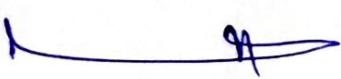
Distance Measurement Accuracy:

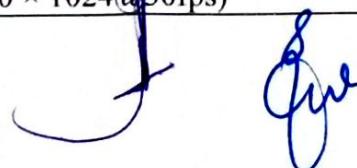
1-3 m: System Error <0.3 m, Random Error <0.1 meters @1σ

Other Distances: $\pm(0.2+0.0015D)$ (D represents the measurement distance in meters)

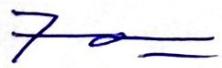
Infrared Thermal Camera

- Thermal Imager : uncooled vanadium oxide (VOx)
- Resolution : 640×512
- Pixel Pitch : $12 \mu\text{m}$
- Frame Rate : 30 Hz
- Lens: $45^\circ \pm 0.3^\circ$ equivalent focal length: 53 mm, f/1.0, 5 m to ∞
- Sensitivity : $\leq 50\text{mk}$ @F1.0
- Temperature Measurement Method : Spot Meter, Area Measurement
- Temperature Measurement Range
 - High Gain Mode: -20°C to 150°C (-4°F to 302°F) ()
 - Low Gain Mode: 0°C to 550°C (32°F to 1022°F)
- Palette
 - White Hot/Black Hot/Tint/Iron Red/Hot
 - Iron/Arctic/Medical/Fulgorite/Rainbow 1/Rainbow 2
- Photo Format
 - JPEG (8bit)、 R-JPEG (16bit)
- Video Resolution
 - 1280×1024 @30fps (Super Resolution enabled, Night Mode not activated)
 - Other conditions: 640×512 @30fps
- Video Bitrate
 - 6.5Mbps (H.264 640×512 @30fps)
 - 5Mbps (H.265 640×512 @30fps)
 - 12Mbps (H.264 1280×1024 @30fps)









- 8Mbps (H.265 1280 × 1024@30fps)
- Video Format : MP4
- Still Photography Modes
 - Single: 1280 × 1024/640 × 512
 - Interval: 1280 × 1024/640 × 512
 - JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s
- Photo Resolution
 - Infrared: 1280 × 1024 (Super Resolution on)
 - 640 × 512 (Super Resolution off)
- Digital Zoom : 28x
- Infrared Wavelength : 8um to 14um
- Infrared Temperature Measurement Accuracy
 - High Gain: $\pm 2^{\circ}\text{C}$ or $\pm 2\%$, whichever is greater
 - Low Gain: $\pm 5^{\circ}\text{C}$ or $\pm 3\%$, whichever is greater

Gimbal

- Stabilization System
 - 3-axis (tilt, roll, pan)
 - 3-axis (tilt, roll, pan)
- Mechanical Range
 - Gimbal Mechanical Limits:
 - Tilt: -140° to 113°
 - Roll: -52° to 52°
 - Pan: -65° to 65°
 - Soft Limits:
 - Tilt: -90° to 35°
 - Roll: -47° to 47°
 - Pan: -60° to 60°
 - Gimbal Mechanical Limits:
 - Tilt: -140° to 50°
 - Roll: -52° to 52°
 - Pan: -65° to 65°
 - Soft Limits:
 - Tilt: -90° to 35°
 - Roll: -47° to 47°
 - Pan: -60° to 60°
- Controllable Rotation Range
 - Tilt: -90° to 35°

Pan: Not controllable

Tilt: -90° to 35°

Pan: Not controllable

➤ Max Control Speed (tilt) : 100°/s

➤ Angular Vibration Range: ±0.007°

➤ Yaw Axis

Manual operation is uncontrollable

The MSDK interface program is controllable.

➤ Ingress Protection Rating

No Standard Protection Level

➤ Operating Temperature

Standard: -10°C to 40°C (14°F to 104°F)

Sensing

➤ Sensing Type

Omni directional binocular vision system, supplemented with a 3D infrared sensor at the bottom of the aircraft.

➤ Forward

Binocular Measurement Range: 0.4-22.5 m

Measurement Range: 0.4-200 m

Obstacle Avoidance Speed: Flight Speed ≤ 21 m/s

FOV: 90° (horizontal), 135° (vertical)

➤ Backward

Measurement Range: 0.4-22.5 m

Measurement Range: 0.4-200 m

Obstacle Avoidance Speed: Flight Speed ≤ 21 m/s Field of View (FOV)-90°

(horizontal), 135° (vertical)

➤ Lateral

Measurement Range: 0.5-32 m

Measurement Range: 0.5-200 m

Obstacle Avoidance Speed: Flight Speed ≤ 21 m/s

FOV: 90° (horizontal), 90° (vertical)

➤ Downward

Measurement Range: 0.3-18.8 m

Obstacle Avoidance Speed: Flight Speed ≤ 10 m/s

The FOV to the front and rear is 160° and 160° to the right and left.

➤ Operating Environment

Forward, Backward, Left, Right, and Upward:

Delicate texture on the surface, adequate light.

Downward:

The ground has rich textures and sufficient lighting conditions*, with a diffuse reflection surface and a reflectivity greater than 20% (such as walls, trees, people, etc.).

Video Transmission

- Video Transmission System
- O4 Enterprise
- Live View Quality
- Remote Controller: 1080p/30fps
- Operating Frequency
 - 2.400-2.4835 GHz
 - 2.400-2.4835 GHz
 - 5.725-5.850 GHz
 - 5.150-5.250 GHz (CE)
- Transmitter Power (EIRP)
 - 2.4 GHz: ≤ 33 dBm (FCC), ≤ 20 dBm (CE/SRRC/MIC)
 - 5.8 GHz: < 33 dBm (FCC), < 30 dB (SRRC), < 14 dBm (CE)
 - 5.15-5.25: < 23 dBm (FCC/CE)
- Max Transmission Distance (unobstructed, free of interference)
 - 25 km (FCC)
 - 12 km (CE)
 - 12 km (SRRC)
 - 12 km (MIC)
- Max Transmission Distance (with interference)
 - Strong Interference - City Centers (approx. 1.5-5 km)
 - Medium Interference - Suburban Areas (approx. 5-15 km)
 - Micro interference: Suburbs/Seasides (approx. 15-25 km)
- Max Download Speed : 20 MB/s
- Latency (depending on environmental conditions and mobile device) : 130 ms
- Antenna
 - 8 antennas, 2T4R
- Others
 - Cellular Dongle Compartment

Memory Card : Supported SD Cards

GB

J

Joe *Answers*

70

- 64GB U3 A2 V30 microSDXC
- 128GB U3 A2 V30 microSDXC
- 256GB U3 A2 V30 microSDXC
- 512GB U3 A2 V30 microSDXC

Intelligent Flight Battery

- Capacity 6741 mAh
- Standard Voltage 14.76 V
- Max Charging Voltage 17.0 V
- Cell Type Li-ion 4S
- Energy 99.5 Wh
- Weight 401 g
- Recharging Temperature 5°C to 40°C (41°F to 104°F)
- Discharge Rate 4C
- Max Charging Power 1.8C
- Supports low-temperature charging Not supported
- Cycle Count 200

Power Adapter (100W)

- Input 100-240 V (AC), 50-60 Hz, 2.5 A
- Output Max. 100 W (total)
- Rated Power 100 W

Charging Hub

- Input USB-C: 5-20 V, max 5 A
- Output Battery Interface: 11.2 V to 17 V
- Rated Power 100 W
- Recharging Type 4 batteries charging in sequence
 - Support Standard Mode (100% SOC) and Standby Mode (90% SOC)
- Compatible Battery/T Series Intelligent Flight Battery
- Charging Temperature 5° to 40° C (41°F to 104°F)
- Antenna 2T4R, built-in multi-beam high-gain antenna
- Video Transmission Transmitter Power (EIRP)
 - 2.4 GHz: < 33 dBm (FCC), < 20 dBm (CE/SRRC/MIC)
 - 5.1 GHz: < 23 dBm (CE)
 - 5.8 GHz: < 33 dBm (FCC), < 14 dBm (CE), < 30 dBm (SRRC)
- 4G Transmission
- Wi-Fi Protocol

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Wi-Fi Direct, Wireless Display, IEEE 802.11a/b/g/n/ac/ax

Support 2 × 2 MIMO Wi-Fi, Dual Band Simultaneous (DBS) with dual MAC, up to 1774.5 Mbps data rate (2 × 2 + 2 × 2 11ax DBS)

➤ Wi-Fi Operating Band

2.4000-2.4835 GHz

5.150-5.250 GHz

5.725-5.850 GHz

➤ Wi-Fi Transmitter Power (EIRP)

2.4 GHz: < 26 dBm (FCC), < 20 dBm (CE/SRRC/ MIC)

5.1 GHz: < 23 dBm (FCC)

5.8 GHz < 23 dBm (FCC/SRRC), < 14 dBm (CE)

➤ Bluetooth Protocol : Bluetooth 5.2

➤ Bluetooth Operating Frequency : 2.400-2.4835 GHz

➤ Bluetooth Transmitter Power (EIRP) : <10 dBm

➤ Screen Resolution : 1920 × 1200

➤ Screen Size : 7.02 inches

➤ Screen Frame Rate : 60 fps

➤ Brightness : 1400 nits

➤ Touchscreen Control : 10 Points Multi-touch

➤ Built-in Battery 2S2P High Energy Density 18650 Lithium-ion

Battery (6500 mAh @ 7.2 V) 46.8 Wh

➤ External Battery Optional, WB37 (4920 mAh @ 7.6 V) 37 Wh

➤ Recharging Type Supports PD fast charging, with a maximum

specification of 20 V/3.25 A USB Type-C charger.

➤ Storage Capacity ROM 128 G + expandable storage via microSD card

➤ Charging Time 2 hrs for internal battery or internal and external

battery.

➤ Internal Battery Runtime : 3.8 hrs

➤ External Battery Runtime : 3.2 hrs

➤ Output Port : HDMI 1.4

➤ Indicators

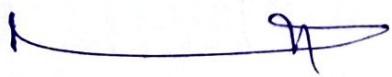
Status light & power light & permission light, three-color light, brightness can be adjusted according to ambient brightness.

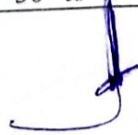
➤ Speaker: Supports buzzer, Audio, Array MIC

➤ Operating Temperature : -20° to 50° C (D228 (-4°F to 122°F)

➤ Storage Temperature

Within one month: -30° to 45° C (-22°F to 113°F)











One to three months: -30° to 35° C (-22°F to 95°F)

Three months to one year: -30° to 30° C (-22°F to 86°F)

➤ Recharging Temperature : 5° to 40° C (41°F to 104°F)

➤ Supported Aircraft Models

GNSS

GPS, Galileo, and BeiDou triple-mode, supports dynamic Home Point refresh.

Dimensions

268×163×94.5 mm (L×W×H)

Width including external antenna folded, thickness including handle and controller sticks.

➤ Weight : 1.15 kg (without external battery)

➤ System Version : Android 11

➤ External Interfaces

HDMI 1.4, SD3.0, Type-C supports OTG, supports PD charging, maximum power 65W, USB-A supports USB 2.0 interface.

➤ Accessory

Optional strap/waist support

➤ **AL1 Spotlight**

➤ Weight

99 g (including bracket)

Approx. 91 g (excluding bracket)

➤ Dimensions

95×164×30 mm (L×W×H, including bracket)

79×164×28 mm (L×W×H, without bracket)

➤ Max. Power 32 W

 Illuminance

 4.3±0.2 lux @ 100 meters, 17±0.2 lux @ 50 meters

➤ Effective Illumination Angle

 23° (10% relative illumination)

➤ Effective Illumination Area

 1,300 square meters @ 100 meters (10% relative illumination, Normal Mode)

 2,200 square meters @ 100 meters (10% central illuminance, Wide fov Mode)

➤ Operating Mode : Supports always-on and strobe modes.

➤ Gimbal Structural Design Range Tilt: -140° to 50°

➤ Controllable Range: Tilt: -90° to 35°

- Max Control Speed (tilt) : $120^{\circ}/s$
- Gimbal Alignment Accuracy : $\pm 0.1^{\circ}$
- Operating Temperature : -20°C to 50°C (-4°F to 122°F)
- Mounting Quick-release hand-tightened screws

- **AS1 Speaker**

- Weight 92.5 g (including bracket) Approx. 90 g (excluding bracket)
- Dimensions
 73×70×52 mm (L×W×H, including bracket)
 73×70×47 mm (L×W×H, without bracket)
- Max. Power 15 W
- Max. Volume At 1 meter, it can reach 114 decibels (114dB@1m)
- Effective Broadcast Distance 300 m
- Broadcast Mode
 Real-time broadcasting (supports echo suppression), recorded broadcasting, media import (supports simultaneous transmission and playback), text-to-speech
- Operating Temperature -20°C to 50°C (-4°F to 122°F)
- Mounting Quick-release hand-tightened screws

Syed Iftikhar Ali Shah, (Secretary)
 Superintendent of Police
 Traffic District Malir, Karachi.

Aleem
 Sufiyam Younus Lashkar Wala (Member)
 Rep. of CPLC, Karachi.

Majnoo Khan Unnar
 Majnoo Khan Unnar, (Member)
 Superintendent of Police
 Traffic District Korangi, Karachi.

Fatima
 Ms. Fatima Memon (Member)
 Rep. of Civil Defence,
 Govt of Sindh, Karachi.

Ghulam
 Syed Peer Muhammad Shah, PSP (Chairman)
 QPM & Bar, PPM, T. St.
 Deputy Inspector General of Police
 Traffic, Karachi.



POLICE DEPARTMENT
GOVERNMENT OF SINDH

BID DOCUMENTS
Procurement of Plant & Machinery

www.sindhpolice.gov.pk

M/s _____

2025-2026

Invitation to Bid

Instruction to bidder

- i. The bidder is expected to examine the Bidding Documents, including all instructions, forms, terms, specifications and charts/drawings. Failure to furnish all information required by the Bidding documents or submission of a Bid not substantially responsive to the Bidding Documents in every respect would result in the rejection of the Bid.
- ii. The Police Department, Government of Sindh, request Tender Bids in sealed envelopes as per information required in this document. Proponents applying for bids should submit Financial Proposal and Technical Proposal in two separate envelopes.
- iii. The Technical Proposal should contain all the bid items without quoting the price and must list firm's clientele, details of past project, items specification etc. Financial bids of firms not obtaining minimum passing criteria on Technical basis will not be opened.
- iv. Interested /Eligible bidders may obtain further information on the bid and inspect the bidding documents at the office of the DIGP Traffic Karachi PHQ Garden Aga Khan III Road Karachi during office hours on working days.
- v. All bids must be accompanied by a Bid Security (2%) of total bid amount, and must be delivered to the office of the DIGP Traffic Karachi PHQ Garden Aga Khan III Road Karachi on or before 1400 hours on 06-01-2026. The bids will be publicly opened in the Conference Room of office of the DIGP Traffic Karachi at 1430 hours on the same day in presence of bidders who wish to remain present.
- vi. The Procuring Agency will not be responsible for any costs or expense incurred by bidders in connection with the preparation or delivery bids & samples.
- vii. Competent authority can cancel the bidding process at any time prior to the acceptance of a proposal as per provision of Rule-25(1) of SPPRA Rules.2010 (amended 2019).
- viii. All prices quoted must include any Taxes applicable, i.e. Income Tax, Sales Tax or any other tax imposed by government by law. If not specifically mentioned in the bid, then it will be presumed that the prices include all the taxes.
- ix. Enquiries regarding this Bid Documents shall be submitted in writing to:
Office of the DIGP Traffic Karachi,
Police Headquarter Garden South, Aga Khan III Road Karachi.
Phone: (92-21) – 99216141.
- xi. Every page of the tender document should be signed and sealed by the bidder.
- xii. The details of this notice are also available on website of Police department (www.sindhpolice.gov.pk) and SPPRA, Government of Sindh (<https://portalsindh.eprocure.gov.pk>).

BID FORM for

To:

The Deputy Inspector General of Police,
Traffic, Karachi.

Sir,

Having examined the bidding documents, the receipt of which is hereby duly acknowledged, for the above Contract, we, the undersigned, offer to supply, deliver and test in conformity with the said bidding documents (Technical and Financial proposals are attached as annexure-B and annexure-C respectively) are submitted herewith separately as per your requirement.

We undertake, if our Bid is accepted, to complete the supply in accordance with the delivery time mention in this tender documents.

If our Bid is accepted, we will provide the performance security in the sum equivalent to equal to 10% percent of the Contract Price i.e., Rs..... for the due performance of the Contract.

Dated this _____ day of _____ 2025.

WITNESS

BIDDER (Sign + Seal)

Signature: -----

Signature: -----

Name:-----

Name:-----

Title:-----

Title:-----

Address:-----

Address:-----

CNIC #:-----

CNIC #:-----



BID SECURITY FORM

WHEREAS _____ (hereinafter called "the Bidder" has submitted its bid dated _____ for the purchase of " _____", (hereinafter called "the Bid").

KNOW ALL MEN by these presents that We _____ (Name of Bank) of _____ (Name of Country) having our registered office at _____ (address of Bank) hereinafter called "the Bank" are bound into the Inspector General of Police, Sindh, Karachi, Pakistan (hereinafter called "the Purchaser") in the sum of _____, for which payment well and truly to be made to the said Purchaser, the Bank bonds itself, its successors and assigns, by these presents.

Sealed with the Common Seal of the Bank this _____ day of _____, 2025.

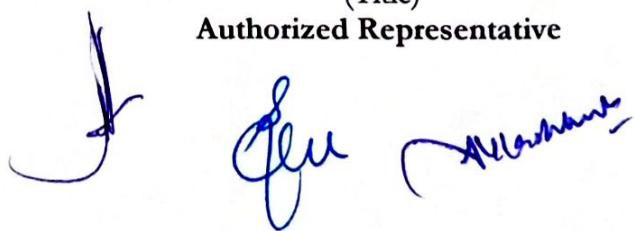
THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder does not accept the corrections of his Total Bid Price; or
3. If the Bidder, having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity:
 - (a) Fails or refuses to furnish the performance security, in accordance with the Instructions to Bidders; or
 - (b) Fails or refuses to execute the Contract Form, when requested.

We undertake to pay to the Purchaser up to the above amount, according to, and upon receipt of, its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both or all the three above stated conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to _____ 2025, the period of bid validity, and any demand in respect thereof should reach the Bank not later than such date.

(NAME OF BANK)
By _____
(Title)
Authorized Representative



PERFORMANCE SECURITY FORM (Applicable in case of bank guarantee)

To: Deputy Inspector General of Police ,
Traffic Karachi.

WHEREAS (Name of the Contractor)

Hereinafter called "the Contractor" has undertaken, in pursuance of the bid for the purchase of equipment including "_____", dated ____ 2025 (hereinafter called "the Contract").

AND WHEREAS we have agreed to give the Contractor a Guarantee:

THEREFORE WE hereby affirm that we are Guarantor and responsible to you, on behalf of the Contractor, up to a total Sum of Rs. ____/- 10% of the total contract value (Amount of the guarantee), and we undertake to pay you, upon your first written demand declaring the Contractor to be in default under the Contract, and without cavil or argument, any sum or sums, within the limits of 10% of the total contract value (Amount of Guarantee) as aforesaid without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until ____ day of _____ 2025, or the warranty period.

[NAME OF GUARANTOR]

Signature _____

Name _____

Title _____

Address _____

Seal _____

BIDDING DATA SHEET

Procuring Agency	:	DIGP Traffic Karachi.
Address	:	Police Headquarter Garden South, Aga Khan III Road Karachi.
Name of Item	:	Procurement of Plant & Machinery
Bid Validity	:	90 days
Amount of Bid Security	:	2% of Bid Quoted Price
Last date of Selling of Bid	:	_____ 2025
Date of Submission of Bid	:	<u>06-01-2026 @ 1400 hours</u>
Date of Opening of Bid	:	<u>06-01-2026 @ 1430 hours</u>
Place of Submission of Bid	:	Office of the DIGP Traffic Karachi Police Headquarter Garden South, Aga Kahn III Road Karachi.
Venue for Opening of Bids	:	Conference Room of DIGP Traffic Office Karachi.
Performance Security	:	Successful bidder submit 10% Performance Security
Language of Bid	:	English
Bidding Procedure	:	Single Stage Two Envelope

1. General Terms & Conditions

i) Bid Security

A bid security in the shape of a Call or Pay Order or Demand Draft or Bank Guarantee in favor of DIGP Traffic Karachi equivalent to 2% of the total cost of bid should be submitted along with the tender.

ii) Validity of the proposal

All proposal and price shall remain valid for a period of 90 days from the date of the opening of Technical Proposals. However, the responding organization is encouraged to state a longer period of validity for the proposal.

iii) Currency

All currency in the proposal shall be quoted in Pakistan Rupees (PKR).

iv) Withholding Tax, Sales Tax and other Taxes

The responding organization is hereby informed that the Government shall deducted tax at the rate prescribed under the tax laws of Pakistan, from all payments for services rendered by any responding organization who signs a contract with the Police department. The responding organization will be responsible for all taxes on transaction and/or income, which may be levied by government. If responding organization is exempted from any specific taxes, then it will provide the relevant documents with the proposal.

v) Stamp Duty

Stamp duty for contract documents shall be borne by Responding Organization / Bidder at the time of signing of contract.

vi) Warranties

- Hardware items/equipment should have warranty, including parts and labour and license(if any)

vii) Supply Capabilities

Responsive Organization should clearly indicate the duration of replacement/repair of quoted item(s) specified in Annexure-D.

S.#	Item	Action Item	Response Time (in hours)
1		Replacement	
		Repair	
		Re-configuration	
		Backup Replacement	

viii) **Compliance to Specification**

The Responding Organization (RO) to provide information as per (Annexure-D). RO may not propose any kind of refurbished item in their technical proposals.

ix) **Financial Capabilities**

The RO(s) shall describe the financial position of its organization. Bank Statement and Annual Audit Report should be included in the detailed Technical proposal.

x) **Liquidated damages.**

- a) It is utmost importance that schedule to tender should be filled in very carefully and the instructions set forth above, scrupulously complied with failing which the offer will be ignored. In case of non-completion of supply within stipulate period Security deposit will be forfeited in favor of the DIGP Traffic Karachi as stated at sub clause (d).
- b) An affidavit that the firm declares details of litigation with any client during the last 5 years be provided.
- c) An affidavit that the firm has never been blacklisted by any Government Department.
- d) Liquidated damages upto 2% per month of the contract price will be deducted for delayed supply/delivery of item/equipment then purchaser reserve the right to cancel the contract, forfeit the performance security and black list the firm.

xi) **Delivery Time**

- 90 days after issuance of purchase order or as mutually agreed in the contract.
- **Mode of payment:** 100% after supply of item(s)/equipment(s) and successful Inspection.
- Execution / Delivery of all the items of the Bid will be at DIGP Traffic Office, Karachi.

xii) The Bid Security is refundable after finalization of the bid in case of return of financial bids unopened to non-responsive bidders, on request after opening of financial bids or when award / placement of purchase order is finalized. The bidders will, however, have to apply for refund through a written request on their company/firm letter head addressed to DIGP Traffic Karachi.

xiii) The successful bidder will have to deposit 10% performance security of the amount of contract, in the form of pay order or bank guarantee in favour of DIGP Traffic Karachi.

xiv) Parties whose bids are accepted shall have to sign a written contract with DIGP Traffic Karachi as per format at Annexure "A" or on mutually agreed terms & conditions/format by both the parties.

xv) To conform, the approved specifications, the evaluation criteria of bids/samples will be based on the technical expert opinion, observation of procurement committee and terms and condition set forth in the bidding documents, tender notice and Bid Form or as deemed appropriate by the Procurement Committee.

- xvi) Date of opening of the Financial Proposals will be announced separately. The proposal of only those bidders will be considered /opened which are declared qualified after evaluation of technical bids and upon fulfilling all the condition by the Procurement Committee. Further enquiry can be made from the DIGP Traffic Office Karachi, on telephone No.99216141 during office hours on working days.
- xvii) Conditional tenders/bids will not be acceptable.
- xviii) Authority Letter from Principal Company for product and vendor authentication shall be provided with the bid.
- xix) Police department reserves the right to increase or decrease the scope of work/number of items/quantity as per SPPRA Rules.

2. Delivery of Bid Documents is as under:-

Technical & Financial proposals (2 copies each) should be submitted by 1400 hours at the address given below:

Office of the DIGP Traffic Karachi,
Police Headquarter Garden South, Aga Khan III Road, Karachi
Tel # 99216141.

- (i) The technical proposals will be opened on the same day at 1430 hours at the same address. The responding organization shall deliver 2 (two) copies of the technical & financial proposal each copy being physically separated, bound, sealed and labeled as "TECHNICAL PROPOSAL" and " FINANCIAL PROPOSAL" (one Original and one copy), labeled as such on their respective envelopes. The bid security of 2% of the offer in shape of Bank guarantee or Pay Order shall be enclosed in the envelope marked "FINANCIAL PROPOSAL" without the financial proposal shall not be considered and bid shall be rejected.
- (ii) Proposals shall be dropped in the sealed tender box kept in the office of the DIGP Traffic Karachi, Police Headquarter Garden South Aga Khan III Road Karachi upto 1400 hours. Samples should however be delivered by hand or courier so as to reach the address given above by the last date indicated for submission upto 1400 hours. **PROPOSALS RECEIVED BY FAX OR EMAIL SHALL NOT BE ACCEPTED.**

(iii) Submission of Proposal

The complete proposals with samples should be submitted by 1400 hours on 06-01-2026 at the address given in 2(ii) above.

The format of submission of proposal is attached as Annexure-B and Annexure-C.

**CNIC copies of Owner/Authorized person along with witness should be enclosed.
(Please provide photocopies of relevant documents).**

(iv) Opening of Proposals.

The proposals submitted against this Bid Documents will be opened on date mentioned above at 1430 hours in front of the **Procurement Committee**.

3. Evaluation and Comparison of Technical and Financial Bids

The evaluation will be performed assuming the Contract will be awarded to the bid confirming to Eligibility Criteria and most closely conforming to evaluation criteria and other conditions specified in the bidding documents and having Most Advantageous Bid.

a. Eligibility Criteria

- Valid Registration with Income Tax.
- Valid Registration with Sales Tax.
- Company History years in business.
- Under taking on stamp paper that firm is not involved in any litigation, Department rift, abandoned or unnecessary delay in completion of any work in the Government Department.
- Affidavit/Undertaking on stamp paper that the firm has not been black listed previously by any executing agency.
- Affidavit/Undertaking on stamp paper that any Directors/Partners of the firm/company have never remained Partner/Director of a firm/company previously blacklisted.

(Note: All documents are mandatory and must be provided otherwise the bid will not be considered).

b. Evaluation Criteria and Comparison of Bid

The Proposals shall be evaluated on the basis of following parameters.

S.#	Evaluation Parameter	Mar ks	Brief Questionnaire						
1	Specifications	400	Compliance with required specifications (Annexure "D") and samples of quoted items.						
2	Financial Capabilities	200	<ul style="list-style-type: none"> • Bank Statement for last 03 years to be provided and closing balance at the time of technical proposal opening to show net worth/financial stability <ul style="list-style-type: none"> ▪ Tangible net worth is Rs.10 million = 100 marks ▪ Tangible net worth is Rs.5 to 9.999 million = 75 marks ▪ Tangible net worth is Rs.3 to 4.999 million = 50 marks ▪ Tangible net worth less than 3 million = "0" marks <p>Non submission of Bank Statement bids will be rejected.</p> <ul style="list-style-type: none"> • Annual Turn Over for last 03 years. <ul style="list-style-type: none"> ▪ Rs.50 Million or above = 100 marks ▪ Rs.40 to 49.999 million = 75 marks ▪ Rs.30 to 39.999 million = 50 marks ▪ Less than Rs.30 million = "0" marks <p>Non submission of annual turnover bids will be rejected.</p>						
3	Relevant Experience	200	<ul style="list-style-type: none"> • Bidder should provide Work Orders relating to work/supply mentioned in the Tender Notice. <table border="1"> <tr> <td>More than three Work Orders</td> <td>Marks 200</td> </tr> <tr> <td>Three Work Orders</td> <td>Marks 150</td> </tr> <tr> <td>Less than three Work Orders</td> <td>Each year obtain 50-Marks</td> </tr> </table>	More than three Work Orders	Marks 200	Three Work Orders	Marks 150	Less than three Work Orders	Each year obtain 50-Marks
More than three Work Orders	Marks 200								
Three Work Orders	Marks 150								
Less than three Work Orders	Each year obtain 50-Marks								
	Total Marks	800							

N.B.

Minimum passing/qualifying marks is 80% i.e. 640 marks out of 800 marks. The bid not obtaining minimum qualifying score shall not be considered and rejected. Out of the bids qualifying the Evaluation Criteria, the Most Advantageous Bid shall be awarded contract provided it meets all other procedural requirements.

The Bidder should provide the following required information and placing this Form on top of the Technical Proposal. Relevant portions of the Technical Proposal should be referenced in this form.

Information Required

A General

- 1 Name of Bidder
- 2 No of Years in business in Pakistan
- 3 No of Offices locations in Pakistan
- 4 Annual Turnover (Million Rs.)
- 5 Value of projects in hand (details may be given)
- 6 Year of Incorporation
- 7 Status of the Bidder
 - Sole Proprietor
 - Partnership Firm
 - Private Limited Company
 - Public Limited Company
 - Entity registered / incorporated outside Pakistan (Give details)
 - Other (Please specify)
- 8 Names of Owner / Partners / Chief Executive / Directors.
- 9 Details of Registered Head Office (Address, Phone, Facsimile, Email and Website information).

4. Contacting the Purchaser

Any effort by a bidder to influence the Purchaser in the Purchaser's decisions in respect of bid evaluation, or Contract award will result in the rejection of the bidder's bid.

5. Purchaser's Right to Accept the Bid or Reject the Bid.

The Purchaser reserves the right to accept or reject the bid in according with SPPRules-2010 (amended 2019), and to annul the bidding process at any time prior to award of Contract, without thereby incurring any liability to the bidder or any obligation to inform the bidder of the grounds for the Purchase's action.

Definitions

In this Contract, the following terms shall be interpreted as indicated:

- **"Purchaser"** means the DIGP Traffic Karachi – Pakistan.
- **"Contractor"** means the individual or firm whose bid has been accepted by the Purchaser and the legal successors, in title to the Contractor.
- **"Contract"** means the agreement entered into between the Purchaser and the Contractor, as recorded in the Contract Form signed by the parties, including all Schedules and Attachments thereto and all documents incorporated by reference therein.
- **"Commencement Date of the Contract"** means the date of signing of the Contract between the Purchaser and the Contractor.
- **"Contractor Price"** means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligations.
- **"Contractor Value"** means that portion of the Contract Price adjusted to give effect to such additions or deductions as are provided for in the Contract, which is properly apportionable to the Software or Services in question.
- **"Services"** means services, such as testing and other such obligations of the Contractor covered under the Contract.
- **"Works"** means all items to be provided and work to be done by the Contractor under the Contract.
- **"RO"** means Responding Organization/ Bidder Firm.

CONTRACT AGREEMENT

1. This contract agreement is made and entered into on 2025 BY AND BETWEEN.

i) **Deputy Inspector General of Police, Traffic Karachi, Police Headquarter Garden South, Aga Khan III Road Karachi** hereinafter referred as Buyer, which expression shall unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assignees officers delegated to perform functions procurements for and on behalf of various units of Karachi Traffic Police department of ONE PART.

AND

ii) **M/s _____**, having its registered office at hereinafter referred as supplier, which expression shall, unless repugnant to the context of meaning thereof, be deemed to include its successors and permitted assignees of the OTHER PART.

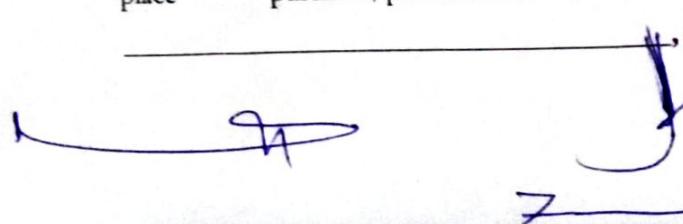
2. WHEREAS **the Deputy Inspector General of Police, Traffic Karachi** is entrusted with responsibility of procurement of Plant & Machinery during current financial year 2025-26 as per description, with specification and quantity, given below:-

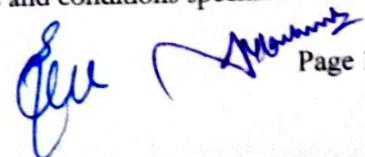
Description of Articles	Quantity/Number

3. AND WHEREAS, **the Deputy Inspector General of Police, Traffic Karachi**, in accordance with the Sindh Public Procurement Rules, 2010 (amended 2019), as adopted by Government of Sindh vide notification No. SORI(SGA&CD) 2-30/2010, dated 8th March 2010 invited tenders for the supply of above Plant & Machinery through advertisement in leading national newspapers.

4. That M/s _____, participated in the response of open tenders, floated DIGP Traffic Karachi, by submitting technical and financial bids, after necessary evaluation of the products, items described above, the Procurement Committee opened the financial bids in front of all bidders on 2025.

5. That the rates offered by M/s _____, for the products, items as shown and given above, were found to be Most Advantageous Bid in comparative terms with the rates of other bidders participating in the process. Therefore, on the recommendation of Procurement Committee, the DIGP Traffic Karachi has accorded approval to place purchase/procurement order in favour of M/s _____, on terms and conditions specified below:-





NOW THEREFORE PARTIES HEREBY AGREED AS FOLLOW:-

i) That M/s _____, shall supply Plant & Machinery described and specified alongwith quantity mentioned above within _____ days from the date of signing of this agreement.

ii) That all deliveries shall be made at office of the DIGP Traffic Karachi, Police Headquarter Garden South, Aga Khan III Road Karachi between 0900 hours to 1600 hours on working days only.

iii) That every article shall be made and finished in all respects to entire satisfaction of Procurement Committee which shall be at liberty to reject any Plant & Machinery or part thereof if it is not in accordance with approved specification mentioned in the tender documents submitted by supplier at the time of bidding, and evaluated and approved for this purchase order and such rejection shall be final. That no appeal or review will be permissible against the decision of Procurement Committee.

iv) That the DIGP Traffic Karachi, shall give written receipt signed by him giving out complete details, exhibiting the number of items/articles delivered and the number Plant & Machinery accepted and rejected, and such receipts shall be conclusive evidence of the acceptance and rejection of the number of articles specified as accepted and rejected.

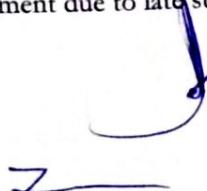
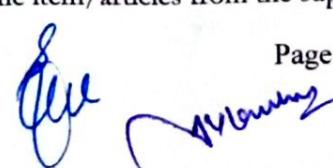
v) That all Plant & Machinery rejected shall be taken back and removed by the M/s _____, and replace with the new store, if the replaced store however again rejected by the Procurement Committee then nothing shall become due or recoverable by the M/s _____, in respect on account of Plant & Machinery so rejected.

vi) That all articles accepted shall be paid for by the DIGP Traffic Karachi at the rate specified below (F.O.R Destination) within financial year 2025-26.

Item/Article	Qty	Rate Per Unit	Total Amount

vii) In case M/s _____, make default, in the due performance of this agreement/contract in part or full, DIGP Traffic Karachi shall be at liberty to impose and recover L.D. Charges not exceeding 2% per month thereof. The penalty shall be applicable only to the extent of item/equipment supplied late.

viii) The DIGP Traffic Karachi shall have right to assess, demand and recover any damages suffered by Police Department due to late supply of the item/articles from the supplier.

ix) The DIGP Traffic Karachi shall be at liberty to deduct and retain the amount so assessed from the bill that may be or may become due and payable at or after the time of such failure to the M/s _____, by the said **DIGP Traffic Karachi**, whether by virtue of agreement or otherwise.

x) The Procuring Agency shall not be responsible for non-performance of this agreement due to change in law, rules and policy of the government as notified in official gazette from time to time.

xi) That all conditions laid down in the rules framed for procurement by the Government shall apply to transactions made under this contract agreement and both parties shall be bound by it.

6. That the supplier has agreed to deliver the supply within _____ days which expires on _____, i.e. deadline of supply for financial year 2025-26. Hence supply received upto _____ will be acceptable after inspection whereas concerning the supply after deadline, supplier has to deposit 100% Bank Guarantee equal to the amount of remaining/balance supply with the request to extend the supply period. Advance payment on pre-receipted bill against such remaining supply is subject to approval by Finance Department Government of Sindh.

7. **Warranty:-** The supplier warrants that all Goods supplied under the Contract are new, unused, and have no defect. The warranty of the Goods shall remain valid for 01 year after the Goods or any portion thereof as the case may be, have been delivered at final destination indicated in the Contract and accepted after inspection. The Procuring agency will promptly notify the supplier in writing of any claims arising under the warranty, and upon receipt of such notice the supplier shall repair or replace the defective Goods or parts thereof, without costs to the Procuring agency within period as mentioned below:

Action Item	Response Time
Replacement	
Repair	
Re-configuration	
Backup Replacement	

If the Supplier having been notified fails to remedy the defect (s) within the period specified in contract, the Procuring agency may proceed to take such remedial action as may be necessary, at the Supplier risk and expense and without prejudice to any other rights which the Procuring agency may have against the Supplier under the Contract.



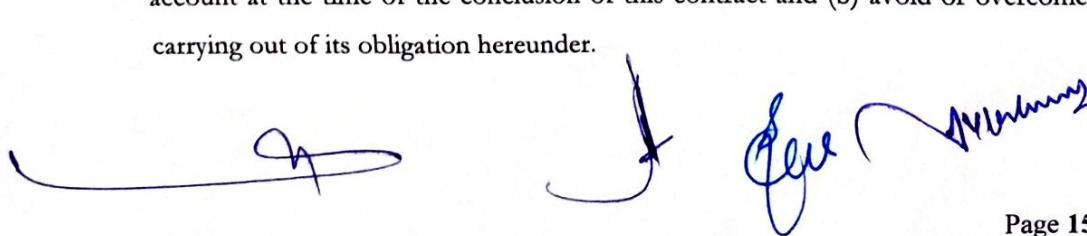



8. Any claim in the case of discrepant quality/specification/performance shall be raised by the Purchaser in writing within the guarantee/warranty period of the contracted stores. Such a period (equipment remained in defective/non-operational state) will be subtracted from the total warranty/guarantee period.
9. The validity of Performance Security shall extend to cover defects liability period or maintenance period, if any, and subject to final acceptance by the procuring agency.
10. This contract agreement shall be construed, and the legal relations created herein will be determined in accordance with the laws of Islamic Republic of Pakistan.
11. Any notice required under this contract agreement shall be in writing and shall be effective when received by the addressee at its given address.
12. If any term, condition, or provision in this Agreement is found to be invalid, unlawful or unenforceable to any extent, the parties shall endeavoring good faith to agree to such amendments that will preserve, as far as possible, the intentions expressed in the Agreement. If the parties fail to agree on such amendments, such invalid terms, condition or provision will be served from remaining terms, conditions and provisions, which will continue to be valid and enforceable to the fullest extent permitted by law.

13. Force Majeure:-

i) **Definition:-**

- (a) For the purpose of this contract, "Force Majeure" means an event which is beyond the reasonable control of a party, and which makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes, but is not limited to, war, riot, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockdown, or other industrial action (Except where such strike, lockdowns or other industrial actions are within the power of the party invoking Force Majeure to prevent), confiscation or any other action by the government agencies.
- (b) Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a party or such party's sub-contractor or agent or employees nor (ii) any event which a diligent party could reasonable have been expected to both (a) take into account at the time of the conclusion of this contract and (b) avoid or overcome in the carrying out of its obligation hereunder.



(c) Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.

ii) **No Breach of contract:-**

The failure of Party to fulfill any of its obligations hereunder shall not be considered to be breach of, or default under this contract insofar as such inability arises from an event of Force Majeure, provided that the party affected by such an event taken all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this contract.

iii) **Measures to be taken:-**

(a) A party affected by an event of Force Majeure shall take all reasonable measures to remove such party's inability to fulfill its obligations hereunder with minimum delay.

(b) A party affected by an event of Force Majeure shall notify the other party of such event as soon as possible, and in any event not later than thirty days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give notice of the restoration of normal condition as soon as possible.

(c) The parties shall take all reasonable measures to minimize the consequences of any event of Force Majeure.

iv) **Extension of Time:-**

(a) Any period within which a party shall, pursuant to this contract, complete any action or task, shall be extended for a period equal to the time during which such party was unable to perform such action as result of Force Majeure.

14. **Arbitration:-**

i) **Right to Arbitration**

Any disputes between the parties as to matter arising pursuant to this contract which cannot be settled amicably with in seven (07) days after receipt by one party of the other party's request for such amicable settlement may be submitted by either party to arbitration in accordance with the provision of contract agreement.

Annexure-A-6/6

ii) Selection of Arbitrators

Each dispute arising out of this contract and submitted by a party to arbitration shall be submitted for arbitration to a committee of three (3) members. One member shall be designated by client, the second by contractor and a third by mutual agreement of the parties.

iii) Rules of Procedures

- (a) The arbitration proceedings shall be conducted in accordance with the provision of Pakistan Arbitration Act (Act of 1940) as in force on the date of this contract.
- (b) The decision by the committee shall be made on the majority vote basis and this decision shall be binding on both the parties.

15. This agreement may be amended only in writing signed by both the parties.

16. IN WITNESS WHEREOF, the parties have executed this agreement on the date set forth above.

DIGP Traffic Karachi.

On behalf of

M/s _____

Witness:

1) _____

2) _____



J. Gul Ayub



Z.

Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. **PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS.**

Contract Number: _____ Dated: _____

Contract Value: _____

Contract Title: _____

[Name of Supplier/Contractor/Consultant] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, [Name of Supplier/Contractor/Consultant] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from Procuring Agency (PA), except that which has been expressly declared pursuant hereto.

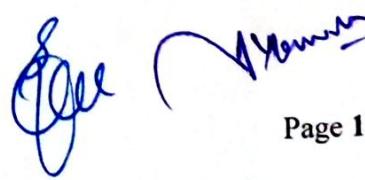
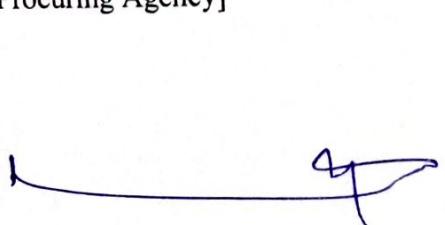
[Name of Supplier/Contractor/Consultant] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[Name of Supplier/Contractor/Consultant] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [Name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier/Contractor/Consultant] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from PA

[Procuring Agency]

[Supplier /Contractor/Consultant]



Technical Proposal Form

Bidder's Profile				
Name				
Official Address				
Telephone(s) No.				
Official Fax No.				
GST Registration No.				
Income Tax Reg. No.				
S#	Name of Item	Model	Made in	Supply During (in Months)

Note: Please read carefully the whole document and provide all necessary details with proof of evidence.

BIDDER (Sign + Seal)



Financial Proposal Form

Bidder's Profile				
Name				
Official Address				
Telephone(s) No.				
Official Fax No.				
GST Registration No.				
Income Tax Reg. No.				
No. of years in business				
Sr.No.	Quoted Item Name	Quantity	Unit Cost (Rs) with all Govt: Taxes	Total Cost (Rs) inclusive all taxes
Total Cost in Pak Rupees				
(in words. _____)				

Note: Bid Security will be equivalent to 2% of the total bid cost.

Only Pay Order/Bank Draft for Bid Security will be acceptable in favour of IGP Sindh

BIDDER (Sign + Seal)