

Annexure 01

TECHNICAL SPECIFICATION
FOR THE SUPPLY OF
A3 COLOUR PRINTER

Issuing Authority: Survey Department of Sri Lanka
Date of Issue: 06th April 2026

1. Invitation for Bids

Bids are invited from eligible bidders for the supply, delivery, and installation of A3 Colour Ink Tank Printers as per the specifications in Section 2. Bidding follows National Competitive Bidding (NCB) procedures per Government Procurement Guidelines 2024.

2. Scope of Work

The selected bidder is expected to:

No.	Task	Description
2.1	Supply	Supply the specified A3 printers as per the technical requirements below.
2.2	Delivery	Deliver the units to the designated Survey Department office(s).
2.3	Install	Unpack, install, and set up the printers at the designated location(s).
2.5	Train	Provide on-site training to designated departmental staff on basic operation, maintenance, and troubleshooting.

3. Technical Specifications

Bidders must complete the Bidder's Compliance and Model & Data Sheet Reference columns. Attach the official manufacturer data sheet (PDF) and a public URL to the product page. Any "No" response to a mandatory requirement will disqualify the bid.

No.	Component	Mandatory Requirement	Bidder's Compliance (Yes/No)	Remarks & Data Sheet Reference
1	Make & Model	Indicated by the bidder.		
2	Country of Origin / Manufacture	Indicated by the bidder.		
3	Year of Manufacture	≥ 2025.	<input type="checkbox"/> Yes <input type="checkbox"/> No	

No.	Component	Mandatory Requirement	Bidder's Compliance (Yes/No)	Remarks & Data Sheet Reference
4	Printer Type	Factory-integrated Continuous Ink Supply System (CISS). Aftermarket conversions not accepted.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	Ink Technology	All-pigment ink (black, cyan, magenta, yellow) – mandatory. Dye-based ink not accepted for any colour. Bidders must provide the specific brand and series of ink bottles provided (e.g., Epson 008 series) to verify pigment chemistry.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6	Ink Yield Verification	ISO/IEC 24711 test report from the manufacturer must be submitted with the bid.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
7	Print Resolution (B&W & Colour)	≥ 4800 × 1200 dpi (hardware).	<input type="checkbox"/> Yes <input type="checkbox"/> No	
8	Print Speed (ISO/IEC 24734, A4)	Black ≥ 15 ipm, Colour ≥ 9 ipm.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
9	Monthly Duty Cycle	≥ 20,000 pages (max) / ≥ 1,500 pages (recommended).	<input type="checkbox"/> Yes <input type="checkbox"/> No	
10	Paper Size Support	A3 and A3+ (up to 330 × 483 mm) mandatory. A4, Legal, Letter also required.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
11	Paper Weight (Standard Tray)	64 GSM to 256 GSM.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
12	Paper Weight (Rear / Manual Feed)	64 GSM to 300 GSM.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
13	Input Capacity	≥ 250 sheets (standard tray) + ≥ 20 sheets rear feed.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
14	Output Capacity	≥ 125 sheets.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
15	Duplex Printing	Automatic A3 duplex (mandatory).	<input type="checkbox"/> Yes <input type="checkbox"/> No	
16	Ink Bottles	Individual ink bottles (CMYK) – all pigment. Separate tanks per colour.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
17	Ink Bottle Yield (ISO)	Black ≥ 6,000 pages, Colour ≥ 5,000 pages per colour.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
18	Connectivity	USB 2.0 + Gigabit Ethernet + Wi-Fi + Wi-Fi Direct – all mandatory.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
19	Mobile Printing	Apple AirPrint + Mopria Print Service – both mandatory.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
20	OS Support	Windows 7, 8, 10, 11 + macOS 11 or later + Linux (CUPS). For Linux, the CUPS PPD driver must be available for download on the manufacturer's official website. Bidders must provide the direct URL.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
21	ADF (Scanner)	≥ 35 sheets, duplex scan, legal-size flatbed. ADF scan speed ≥ 20 ppm (black & colour, A4, 300 dpi).	<input type="checkbox"/> Yes <input type="checkbox"/> No	
22	Scan Resolution	Optical ≥ 1200 × 2400 dpi.	<input type="checkbox"/> Yes <input type="checkbox"/> No	

No.	Component	Mandatory Requirement	Bidder's Compliance (Yes/No)	Remarks & Data Sheet Reference
23	Control Panel	≥ 2.7-inch colour touchscreen only (LCD without touch is not accepted).	<input type="checkbox"/> Yes <input type="checkbox"/> No	
24	Power Consumption	≤ 40W (as per manufacturer's "operating" or "copying" specification). Peak power is not a separate criterion.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
25	Noise Level	≤ 45 dB(A) during operation (as per manufacturer data sheet).	<input type="checkbox"/> Yes <input type="checkbox"/> No	
26	Warranty & Service	1 year or 30,000 pages (whichever first), including printhead, on-site service within 3 business days.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
27	Technical Support	Dedicated technical hotline (telephone number) must be provided. Support available during working hours (8:00 AM – 5:00 PM, Monday to Friday, excluding public holidays). Bidders to indicate their support contact details below.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
28	Spare Parts Availability	Bidder must commit that genuine spare parts (including printhead, rollers, maintenance box) will be available for at least 3 years from the date of supply.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
29	Brand New Condition	All equipment supplied must be brand new, unused, and not refurbished.	<input type="checkbox"/> Yes <input type="checkbox"/> No	

Bidder's Technical Support Contact Number: _____

Districts covered for on-site service (if any): _____

4. Mandatory Submission Requirements (Commercial & Admin)

The following must be submitted with the bid. Missing any one will result in disqualification.

No.	Document	Requirement
4.1	Business Registration (BR)	Certified copy of valid registration with the Registrar of Companies.
4.2	Manufacturer's Authorisation	Original letter from printer manufacturer confirming bidder is an authorised reseller for the quoted model.
4.3	Filled Technical Compliance Table	As per Section 3 above.
4.4	Official Manufacturer Data Sheet	PDF of product specifications and public URL to product page.
4.5	ISO 24711 Test Report	Manufacturer's official test report for ink yields (black and colour).
4.6	Price Schedule (Financial Bid)	Bill of Quantities (see Section 5 below).
4.7	Bid Validity Period	Bidder to state the period (in days) for which the bid remains valid. Minimum 90 days required.

No.	Document	Requirement
4.8	Delivery Timeline	Bidder to state the number of days from order confirmation to delivery and installation at the Department's premises.

Bid Validity Period (days): _____

Delivery Timeline (days from order confirmation): _____

5. Financial Bid (Bill of Quantities)

Item No.	Description	Quantity	Unit Price (LKR)	Total Price (LKR)
1	A3 Colour All-Pigment Ink Tank Printer (model as quoted) meeting all specifications in Section 3, including full-yield ink bottles (CMYK) with ISO yields as per clause 3.17 (not reduced-capacity starter bottles).	[Insert Qty]		
2	Delivery, installation, configuration, and on-site user training (as per Section 2).	1 Lot		
Total Bid Price (LKR) in words and figures:				

All prices inclusive of all taxes, duties, delivery, installation, configuration, and training. Prices shall be fixed and valid for the entire contract period.

6. Optional Items (To Be Priced Separately)

The following items are not mandatory but may be offered by the bidder at an additional cost. The Department reserves the right to accept or decline these options.

Item No.	Description	Quantity	Unit Price (LKR)	Total Price (LKR)
1	Extended Warranty: Additional 1-year warranty (2nd year total, same terms as Section 3.26: printhead coverage, on-site service within 3 business days).	[Insert Qty]		

7. Technical Evaluation: Sample Print Test

For the technical evaluation phase, the top 3 bidders (based on preliminary compliance) will be required to provide a sample A3 print of a standard departmental plan (to be provided by the Survey Department). The evaluation committee will:

1. Print the sample plan using the bidder's quoted printer and ink.
2. Pour a few drops of clean water onto the printed red/blue colour lines.
3. Observe for any bleeding, smudging, or colour run.

Pass condition: No bleeding or smudging of colour lines. Failure will result in disqualification of the bid.

8. Final Acceptance

Final acceptance of the supplied printers will be granted only after successful completion of all the following:

No.	Acceptance Criteria
8.1	Successful physical installation at the designated Department location(s).
8.2	Successful network configuration.
8.3	Successful printing test (A3 colour and black & white).
8.4	Successful scanning test (ADF and flatbed).
8.5	User sign-off by designated departmental staff confirming satisfaction with installation, configuration, and training.

No payment shall be made until final acceptance is granted.

9. Declaration & Signature

I, the undersigned, declare that all information provided is true and accurate, that I have not engaged in any corrupt, fraudulent, collusive, or coercive practices in connection with this bid, and that I agree to the terms of this tender.

Signature:	_____
Name & Designation:	
Company Seal:	
Date:	

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