

WEBEL TECHNOLOGY LIMITED

CORRIGENDUM – I

TENDER NO. WTL/DVC/SCANNER/25-26/047 DATED 13.01.2026

**Revised Section-R needs to be filled up by all participating bidders
(mandatory):**

SECTION – R

TECHNICAL SPECIFICATION COMPLIANCE STATEMENT

(Tender No. WTL/DVC/SCANNER/25-26/047 DATED 13.01.2026)

Technical Specification (Please mark Compliance Yes / No):

A. 3D Long Range Terrestrial Laser Scanner

SL. No.	Parameter	Minimum Specification	Compliance (Yes/No)	Deviations (if any)
1	Laser Class	The instrument must be of Class 1 Laser with eye safe.		
2	Scanning Range	Effective Scanning Range 600 mtr or more on coal surface.		
3	Field of View / Measurement	Vertical 100° Horizontal 360°		
4	Data Capturing Rate	Scan Speed of minimum 25,000 points per second (standard measurement) or Better over the entire Range Spectrum.		
5	3D Position Accuracy	2mm to 8mm		
6	Internal Camera	Internal Camera(s) with minimum 5 Megapixel each or higher to create 360° Panoramic Images.		
7	Maximum operating Temperature	+50° C or better		
8	Minimum operating Temperature	-20° C or better		
9	Protection Class	IP 54 or better with dust & water proof		
10	Instruments Controller RAM	Min 8GB RAM.		
11	On Field Data Viewing	Should have capability for viewing the 3D Point Cloud data in the field itself		
12	Storage Capacity- Internal/ Controller	256 GB or more		
13	Data Storage & processor	<ul style="list-style-type: none">Internal /External Memory of 60GB or higherMinimum 4GB RAMDual-core 1.6 GHz processor or better		
14	Power supply	Through maintenance free Internal rechargeable Battery (from OEM) having sufficient capacity of continuous scanning operation for minimum 3 hours		
15	Compensation type	Dual Axis or better		
16	Compensator Range	+/-5' or Better		
17	Display	Minimum 5-inch TFT/LED color display Inbuilt or External Touch Screen, Sunlight-readable Display. Alternatively Both side identical inbuilt WVGA color graphic display		

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SL. No.	Parameter	Minimum Specification	Compliance (Yes/No)	Deviations (if any)
		with touch screen facility or higher.		
18	Type of Remote control Supported	Tablet/Laptop		
19	Survey Program	Should have <ul style="list-style-type: none"> • 3D Data Visualization, • Station Setup, • Quick orientation, • Set Angle, • backsight, • Resection, • Traverse Check & Adjust Field , • Tilt Graphical display, • Target acquisition & Target monitoring, • Scan area definition: full Area Scan Polygon scanning, • Graphical display of cloud with zoom facility with visualization, • Line joining, • Area Calculation, • COGO, • Photo Capturing, • Collimation of Prism/target • User define time interval along with report 		
20	Onboard Software / Data Processing Software	<ul style="list-style-type: none"> • Software should be same OEM make as the equipment • Software should have Perpetual license • User should able to view the data to analyze if there is any shadow zone • Should do Network Adjustment, DGPS baseline Processing • Should be able to Create CAD Points from Scan Points • Should be CAD and COGO Tools • Should do Automated Dimensioning • Should do Automatic Scan Registration • Should do Automatic Region Classification • Should do 3D Data Visualization • Should able to export data to Google Earth Tools • Should have export from CAD to PDF • Data should be compliable to other mining Software like SUPRAC, AUTOCAD etc. • Should be able to prepare Digital Terrain Model(DTM) • Should be able to generate contours as per user selectable interval, L section, Cross Section, Grid Plan etc. • Should do Mesh modeling, Area calculation, Volume Calculations through DTM to DTM or bisection as director by user. • Should do Cut & fill volume measurement. • Should support data visualization in 2D or 3D, in true color. • Should be able to Create Scan Station position view inside the software. • Should be able to create Georeferenced Point 		

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SL. No.	Parameter	Minimum Specification	Compliance (Yes/No)	Deviations (if any)
		Clouds <ul style="list-style-type: none"> • Should have Image Georeferencing Tools • Should create Panorama and Image Deliverables • Should have Point Cloud Management Tools • Should do Data registration of the scan data into Local. Grid coordinates systems. 		
21	Warranty	3 year		
22	Accessories	<ul style="list-style-type: none"> • Reflector: 1 • Dual Slot Battery charger with Power Cord: 1 • Tribrach: 1 • Professional wooden Tripod: 1 • instruments Battery set: 3 • 360deg Prism with 2.6m Pole with bubble for the setting of the system: 1 • Bipod for Range Pole: 2 • 2.6 Mtr Telescopic Rod: 2 • Backpack: 1 • Hand Strap: 1 • Carry Case: 1 		

B. Laser Based / Optical Total Station (Integrated with 3D Long Range Terrestrial Laser Scanner OR Separate)

SL. No.	Parameter	Minimum Specification	Compliance (Yes/No)	Deviations (if any)
1	Telescope	Magnification: 30x Aperture: 40mm Field of view at 100 m.: 2.6 mtr or better Shortest measuring distance: 0.9 Track light / Guide light: In built		
2	Angle Measurement	Least Count: 0.1" Accuracy (standard deviation): 1" Automatic Level Compensator: Dual Axis or better		
3	Distance Measurement Accuracy	Prism Mode Accuracy: 1mm +/- 1.5 PPM or better Non Prism Mode Accuracy: 2mm +/- 1.5 PPM or better		
4	Measuring Time	Prism Mode: Typ. 1 to 3 Sec Non Prism Mode: Typ. 1 to 3 sec.		
5	Measuring Range	Prism Range: 1 Mts to 5500 Mts or better Non Prism Range: 1 Mts to 800 Mts or Better Auto Lock Range: 1 Mts to 700 Mts or Better		
6	Display (for Total Station not Integrated with 3D Long Range Laser Scanner)	Display 3.5" (inch) both side with QVGA, color, & touch or higher		
7	Keyboard	Hard or Soft keyboard with function keys either in instrument or controller		
8	Vertical & Horizontal Drive (for Total Station not Integrated with 3D)	Endless Vertical & Horizontal Drives		

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Sl. No.	Parameter	Minimum Specification	Compliance (Yes/No)	Deviations (if any)
	Long Range Laser Scanner)			
9	Battery Backup	Minimum 5 hrs battery backup or more		
10	Protection class	IP54 or better with dust & water proof		
11	Maximum Operating Temperature	+50° C or better		
12	Minimum Operating Temperature	-20° C or better		
13	Warranty	3 Years		
14	Accessories	Reflector: 1 Dual Slot Battery charger with Power Cord: 1 Tribrach: 1 Professional wooden Tripod: 1 instruments Battery set: 3 360deg Prism with 2.6m Pole with bubble for the setting of the system: 1 Bipod for Range Pole: 2 2.6 Mtr Telescopic Rod: 2 Backpack: 1 Hand Strap: 1 Carry Case: 1		

C. Work Station

Sl. No.	Parameter	Minimum Specification	Compliance (Yes/No)	Deviation (if any)
1	Processor	Intel Core i9-14900K 6.0G 36 MB 24 cores		
2	RAM	128GB DDR5 4800		
3	SSD	1TB NVMe + 2TB SATA		
4	Graphic Card	NVIDIA GeForce RTX 4070 Super 12GB		
5	OS	Windows 11 Pro 64 High End		
6	DVDRW	DVDRW		
7	Power Supply	700 Watt		

D. Display

Sl. No.	Parameter	Minimum Specification	Compliance (Yes/No)	Deviation (if any)
1	Size	Minimum 34-inch (86.4 cm)		
2	Resolution	WQHD, 3440 x 1440		

Authorized Signatory (Signature In full): _____

Name and title of Signatory: _____

Stamp of the Company: _____

Date and time of Bid Submission has been extended up to 6th February 2026 at 12.00 hrs.

Date and time of Bid Opening has been extended up to 9th February 2026 at 12.00 hrs.