

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 17:00:00
Bid Opening Date/Time	23-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Office Of Principal Chief Materials Manager, South Western Railway, Hubli
Total Quantity	1
Item Category	Tablet Based Digital Monitoring and Attendance System
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Tablet Based Digital Monitoring And Attendance System (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Biometric Attendance System	Type	Android Based Tablet having Calling Feature and Integrated with Biometric Identification Device Housed in Rugged Casing	Android Based Tablet having Calling Feature and Integrated with Biometric Identification Device Housed in Rugged Casing
Tablet Specifications	Screen Size (Inches)	$7 \leq N < 8$	$7 \leq N < 8$
	Screen Type	capacitive Touch Screen with 16 million colours	*
	Screen Resolution (Pixel)	1024 x 600	1024 x 600
	Screen Brightness (Nits)	$300 \leq N < 350$	$300 \leq N < 350$
	Operating System	Android Marshmallow 6.0 or Higher	Android Marshmallow 6.0 or Higher
	Processor Speed (GHz)	1.3	1.3 - 3.0 Or higher
	RAM (GB)	2	2, 3, 4 Or higher
	Internal storage (GB)	16	16, 32, 64 Or higher
	Micro SD Card Support	Yes	*
	Storage Expandability upto (Through micro SD Card) (GB)	4	4
	Number of USB Type A Port	2	*
	Number of Micro USB Port	2	*
	Front Camera (Mega Pixel)	5	*
	Rear Camera (Mega Pixel)	0	0, 2, 5, 8, 13 Or higher
	Flash Functionality	No	*
	Sim Card Slot (Number)	2	*
	Cellular Network Supported	4G/LTE	4G/LTE
	Network Interface	Ethernet 10/100	*

	Wi-Fi Connectivity	802.11 b/g/n	*
	Bluetooth Connectivity	Yes	*
	GPS Availability	Yes	Yes
	AGPS Functionality	No	No
	USB Cable Connectivity	Micro	*
	Built in Speakers	No	*
	Microphone	Yes	*
	Earphone	Micro USB	*
	Battery Capacity (mAh)	$4000 \leq N < 4500$	$4000 \leq N < 4500$
	Indicative Battery Backup Time (Hours)	6	*
Biometric Attendance System Specification	STQC Certified Biometric Identification Device	Single Fingerprint Scanner	*
	Capture Area	FAP 10	*
	STQC certified Single Finger-Print biometric device for Aadhar Authentication with driver, in built template extractor software/SDK (mandatorily with license, if required)	Yes	*
	STQC Certificate number (Certificate shall be furnished when demanded by buyer)	-	*
	STQC Certificate valid upto	-	*
	UIDAI Registered Device Certification available	Yes	*
	UIDAI Registered Device Certificate number (Certificate shall be furnished when demanded by buyer)	-	*
	UIDAI Registered Device Certificate valid upto	-	*
	Position of Biometric Scanner in the System	fingerprint scanner should be ergonomically placed to support ease of usage for biometric attendance in standing posture of the users	*

Casing	IRIS Scanner Availability (STQC Certified and UIDAI RD Certified)	No	*
	If Yes, STQC Certificate number& its Validity	-	*
	If Yes, UIDAI RD Certificate number& its Validity	-	*
	Device Casing Material	Thick Plastic	*
	Casing Thickness (mm)	5	*
	Ingress Protection Rating of Device	IP 54	*
	Drop Test Compliance for Casing from a height of 1 meter	No	*
	Option for Printing of Logo on Device Casing as per Specific Requirement of User(Logo Design will be provided by User if Needed at the time of PO Placement)	NA	*
	Standard accessories to be supplied along with the Machine : (a) Power Adapter (b) Charger (c) User Manual	Provided	*
	BIS Registration under CRS of Meity	-	*
Miscellaneous	BIS Registration number and its validity	-	*
	ROHS Compliance Certificate	No	*
	Other Certifications Available	UL,NA	*
	Minimum Storage Temperature (Degree C)	-30	*
	Maximum Storage Temperature (Degree C)	80	*
	Minimum Operating Temperature (Degree C)	-5	*
	Maximum Operating Temperature (Degree	49	*

	C)		
	Operating Humidity (RH) (%)	85	*
Other Options	Mobile Device Management Support (MDM)	3 Year	3 Year
	Mobile Device Management Hosting (MDM)	Cloud Based	*
Warranty	On Site OEM Warranty (Year)	1	1, 2, 3, 4, 5 Or higher

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Digvijay M Singh	560009,O/o Divisional Railway Manager, Office Complex, South Western Railway Divisional Office, Bangalore.	1	30

Special terms and conditions for category Tablet Based Digital Monitoring and Attendance System

1. Pre-loaded cloud based management software should be capable of contextually managing and monitoring the devices, pushing applications and content, pushing group based messages, managing through a remote web based control centre and provide web based MIS dashboard. The management software will allow to manage the contexts like date & time of use, network, geo-locations etc. in both online and offline mode. The devices should be provisioned for providing remote and automatic updates and upgrades from a centralized web based interface. The end users should not be able to uninstall this software or any application. The software will prevent the tablet from use by un-authorized user in case it is stolen and help in tracing the location. The Logo & message of the user Department for the users will be included in the Boot software so that it will appear on the Tablet any time it is switched on for use.
2. If Seller is uploading product with agreement to print use's specific logo, they will print the same as per design, content and style provided at by the buyer at time placement of purchase order without any extra cost.
3. Tablet Based Biometric Attendance System should be unrooted and Safety Net passed.

Bid Specific Additional Terms and Conditions

1. Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

(i) Inhibit the desires and designed function of the equipment.

(ii) Cause physical damage to the user or equipment during the exploitation.

(iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

2. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
3. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
4. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
5. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
6. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
7. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 5 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
8. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---