

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 16:00:00
Bid Opening Date/Time	27-07-2020 16:30:00
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	Multimedia Projector (MMP)
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.

Multimedia Projector (MMP) (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement
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			(Allowed Values)
Ports and Connectivity	Number of HDMI In Port	2	*
	Number of HDMI Out Port	0	*
	Number of DVI Port	0	*
	Analog RGB In Port (Hours)	No	*
	Analog RGB Out Port	No	*
	HD Base T	No	*
	Audio In	Yes	*
	Audio Out	Yes	*
	Video In	No	*
	Storage Media Port	Yes	*
	if Yes, Supported File Formats	VC-1 Advanced, Simple & Main Profiles 2.WMA standard, MA 9Professional 3.DivX3.11,DivX4, DivX5, DivX6, DivX4,XVID,H.264/AVC 4.MPEG-1 Layer I,II,MPEG-1,Layer III(MP3),Dolby digital, DTS, Dolby Digital Plus 5.MPEG-4 Part-2 6.AAC 7.H.264/AVC,MPEG-2,VC-1 8.HE-AAC,Dolby digital, DTS 9.MPEG -1,MPEG-2 10.DVD-LPCM,WMA standard, MA 9P rofessional,DivX3.11,DivX4, DivX5, DivX6, DivX4,XVID,H. 264/AVC,MPEG-1 Layer I,II,MPEG-1,Layer III(MP3),Dolby digital, DTS, Dolby Digital Plus,MPEG-4 P art-2,AAC,H.264/AVC,MPEG-2,VC-1,HE-AAC,Dolby digital, DTS,MPEG -1,MPEG-2,DVD-LPCM,NA	*
	Number of USB Type A	2	*
	Number of USB Type B	0	*
	Number of USB Type C	1	*
Technical Specifications	Wi Fi Connectivity	Yes	*
	Wireless Screen Share	Yes	*
	LAN Connectivity	Yes	*
	Technology	One Chip DLP	One Chip DLP
	Projection Method	Front and Rear both	*
	Native Resolution	3840 x 2160 (UHD 4K)	3840 x 2160 (UHD 4K), 2560 x 1600 (WQXGA), 4096 x 2160 (4K), 5120 x 3200 (4K+) Or higher
	Brightness (Lumens)	2200	2000, 2200, 2500, 2600, 2700, 2800, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 4000, 4200, 4300, 4500, 5000, 5200, 5500, 6000, 6200, 6500, 7000, 7500, 8000, 8500, 9000, 9500, 10000,

		12000, 13000, 14000, 16000, 18000, 20000, 22000, 25000, 30000, 40000, 60000, 5800, 6600, 6700, 21000 Or higher
	Contrast Ratio (Minimum) (pixels)(X :1)	300000 *
	Optical Zoom	No Yes, No Or higher
	If Yes, Optical Zoom (%)	NA 110, 120, 135, 140, 145, 150, 160, 170, 175, 200, 210, 130, NA Or higher
	Availability of Lens	Yes *
	Remotely Controlled	Ye *
	If Yes, Type of Projector	Short Throw (0.41 to 0.9) Short Throw (0.41 to 0.9)
	Aspect Ratio	16:9 *
	Keystone Correction	Automatic & Manual Both *
	Type of Light Source	LED LED
	Minimum Life of Light Source (In Normal Mode) (Hours)	30000 30000 Or higher
	Lamp Hour Counter (In-Built)	Yes *
	Inbuilt Speaker	Yes *
	If Yes, Wattage of Speaker	16 *
	3D Projection Capability	Yes *
	Interactive Feature	No *
	Power Consumption in Sleep Mode (Watts)	- *
	Power Consumption in Normal Mode (Watt)	- *
	Noise Level in Echo Mode (dB)	26 *
	Noise Level in Normal Mode (dB)	30 *
	Power Supply	210V-240V, 50 Hz *
	Battery	No *
	If Yes, Minimum Battery Capacity (mAH)	NA *
	If Yes, Battery Backup Time (Hour)	NA *
Certificaions	BIS Registration under CRS of Meity	Yes *
	BIS Registration Number	- *
Generic	Dimensions (Length x Breadth x Height) (mm x mm x mm)	- *
	Weight (Kg)	4.1 *
	Minimum Operating Temperature (Degree C)	- *
	Maximum Operating	- *

	Temperature (Degree C)		
	Minimum Operating Humidity (% RH)	-	*
	Maximum Operating Humidity (% RH)	-	*
Warranty	On Site OEM Warranty for Light Source (Time or Life in Hours whichever is earlier)	1 Year or 5000 Hrs.	1 Year or 5000 Hrs., 3 Year or 5000 Hrs., 3 Year or 10000 Hrs., 3 Year or 12000 Hrs., 3 Year or 15000 Hrs., 3 Year or 30000 Hrs., 5 Year or 10000 Hrs. Or higher
	On Site OEM Warranty	2	2, 3, 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

Bid Specific Additional Terms and Conditions

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
- 2.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.
- 3.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 4.Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- 5.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.

6.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.

- 7.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.
- 8.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.

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

---Thank You---