

Corrigendum-III dtd:21.06.2024

Ref: GeM Bid No. GEM/2024/B/4824189

Dated: 26.04.2024

Procurement of Router, Switches, SFP, Rack etc. for Western Region for Customer Delivery and other projects

Item Description	As per GeM Bid	To be read as
Date of Opening of tender as per Corrigendum-II	Bid Closing date and Time: 26.06.2024 up to 15: 00 Hrs.  Bid Opening date and Time: 26.06.2024 up to 15: 30 Hrs.	Bid Closing date and Time: <b>01.07.2024 up to 15: 00 Hrs.</b>  Bid Opening date and Time: <b>01.07.2024 up to 15: 30 Hrs.</b>

Technical SpecificationSOR item 3: Router Type V Technical specification

SN	Specifications		PQC/ Optional	Compliance
	Old Clause	Revised Clause		
44	Shall support Multi-chassis LAG	<b>Shall support Multi-chassis LAG or equivalent features</b>	PQC	
50	b) REST based CRUD operations for configuration and management.	<b>b) REST/ NETCONF/ gRPC based CRUD operations for configuration and management.</b>	PQC	
	c) Web Services based operations for configuration and management	<b>c) Deleted</b>		
52	i) The system should support REST API for communication with third party tools and applications	<b>i) The system should support REST API/ gRPC/ Netconf for communication with third party tools and applications</b>	PQC	

SOR item 5: Router Type IX Technical specification

SN	Specifications		PQC/ Optional	Compliance
	Old Clause	Revised Clause		
4	The Router should have 2 number of 100G CFP2-DCO ports (without CFP2-DCO pluggable module) distributed in two slots from day one.	<b>The Router should have 2 number of 100G CFP2-DCO or new technology (without pluggable module) distributed in two slots</b>	PQC	



	Should have additional slot/ sub-slot for 4 numbers of 100G QSFP28 ports for expandability	from day one. Should have additional slot		
38	Shall support Multi-chassis LAG	Shall support Multi-chassis LAG or equivalent features	PQC	
44	b) REST based CRUD operations for configuration and management.	b) REST / NETCONF/ gRPC based CRUD operations for configuration and management.	PQC	
	c) Web Services based operations for configuration and management	C) Deleted		
46	i) The system should support REST API for communication with third party tools and applications	i) The system should support REST API/ gRPC/ Netconf for communication with third party tools and applications	PQC	

**SOR item 6: Router Type X Technical specification**

SN	Specifications		Requirements		Compliance
	Old Clause	Revised Clause	Old Clause	Revised Clause	
2	The router should have option for 4x100G on QSFP28 ports , 4x400G on QSFP-DD Ports and BNG functionality by upgrading the Hardware/ license/ OS/ Optics .	The router should have option for 4x100G on QSFP28 ports, 4x400G on QSFP-DD Ports and BNG functionality by upgrading the Hardware/ license/ OS/ Optics. Two box solution separate for BNG and router solution can be provided and router should support required port capacity in addition to BNG connectivity.			
4	f) Packet Forwarding Rate		Old Clause	Revised Clause	
			1Bpps	1Bpps or higher	

	h) RSVP LSP ingress/transit	16K/96K	8K or more	
	<b>Old Clause</b>	<b>Revised Clause</b>		
13	b) The router should have ability to support MACSEC if required by Upgrading OS/ License.	<b>b) deleted</b>		
19	d) Single Rate Three Color Policer RFC 2697	<b>d) deleted</b>		
31	i) The system should support REST API for communication with third party tools and applications	<b>i) The system should support REST API / gRPC / Netconf for communication with third party tools and applications</b>		

**SOR item 27 to 34: Patch Cords Technical specification**

SN	Description	
<b>A</b>	<b>Patch Cords:</b>	
	<b>Old Clause</b>	<b>Revised Clause</b>
11	Return loss: $\geq 60\text{db}$ for PC/UPCFC/SC/LC and $\geq 65\text{db}$ for APC @1310nm and 1550nm wavelength.	<b>Return loss: <math>\geq 55\text{db}</math> for PC/UPCFC/SC/LC and <math>\geq 65\text{db}</math> for APC @1310nm and 1550nm wavelength.</b>

**SOR item 37: Provision of 48 Port E2000 FDMS Technical specification**

Old Clause	Revised Clause
1. Provision of 48 Port E2000 FDMS 24 Fiber Armoured type input and 24 F output 19" rack mount FDM of Dimension of 4U (Height)X 600 mm(Width) X 300mm (Depth) with Patch Penal for 48, E2000/APC type connectors of R&M/ Huber/ and Schuner/ Diamond make and Pigtails should be of corning fiber of length 5m & 900 microns with all installation material. The adaptors have to be fixed on separate removal patch plates for easy maintenance of adaptors and pigtails in FDMS during O&M operation. The Top cover should be with telescopic sliders. The FDMS should be supplied with all above mentioned accessories.	<b>1. Provision of 48 Port E2000 FDMS 24 Fiber Armoured type input and 24 F output 19" rack mount FDM of Dimension of 2U (Height)X 600 mm(Width) X 300mm (Depth) with Patch Penal for 48, E2000/APC type connectors of R&amp;M/ Huber/ and Schuner/ Diamond make and Pigtails should be of corning fiber of length 5m &amp; 900 microns with all installation material. The adaptors have to be fixed on separate removal patch plates for easy maintenance of adaptors and pigtails in FDMS during O&amp;M operation. The Top cover should be with telescopic sliders. The FDMS should be supplied with all above mentioned accessories.</b>

Annexure - VRevised Consignee Details

SN	Site name	Address & Contact	Contact No.	SOR item No.	Item to be delivered
1	MX	RailTel Corporation of India Ltd, Western Railway Microwave Complex, Senapati Bapat Marg, Mahalaxmi (West), Mumbai, 400013	Mr. Kheem Singh - 9974151518	SOR item No. 1 to 22, SOR item No. 24 and SOR item No. 26 to 41	All qty
2	Surat	Railway E-I Building, Sing Dokadia Road, Opp. Bombay Market, Surat- 395001	Mr. Yudhishtir Dhamu - 9974151509	SOR item No. 23	All qty
3	MX	RailTel Corporation of India Ltd, Western Railway Microwave Complex, Senapati Bapat Marg, Mahalaxmi (West), Mumbai, 400013	Mr. Kheem Singh - 9974151518	SOR item No. 25	1 No
	Surat	Railway E-I Building, Sing Dokadia Road, Opp. Bombay Market, Surat- 395001	Mr. Yudhishtir Dhamu - 9974151509		12 Nos
	Roha	Roha Railway Station, TA- Roha, Raigad, Maharashtra, Roha, 402109	Mr. Swapnil - 8329177073		1 No
	Kolad	Kolad railway station, TA- Roha, Raigad- Maharashtra, 40230			1 No
	Mangon	mangaon Railway Station, Nanore Road, Mangaon, Raigad, Maharashtra, Mangoan, 402104			1 No
	Veer	Veer Railway Station, TA- Mahad, Raigad District, Maharashtra, 402102			1 No
	SapeWamn	sape wamane railway station, TA - mahad, Raigad Maharashtra, 402115			1 No
	Karanjadi	Karanjadi Railway Station, TA- Mahad, Raigad District, Maharashtra, 402301			1 No
	Vinhare	Vinhare Railway Station, TA- Mahad, Raigad District, Maharashtra, 402307			1 No



DWV	DiwanKhavati Railway station, Khavati, TA- Khed, Ratnagiri - Maharashtra, 415640		1 No
Kalambani	Kalambani Railway Station, TA - khed, Dist - Ratnagiri Maharashtra, 415621		1 No
Khed	Khed Railway Station, TA - Khed, Ratnagiri District, Maharashtra, 415621		1 No
Chiplun	Chiplun Konkan Railway Corporation Ltd, Chiplun Railway Station at post - valope, Taluka - Chiplun District - Ratnagiri, Maharashtra, 415605	Mr. Mahesh - 7977717352	1 No
Kamathe	Kamthe Konkan Railway Corporation Ltd, Kamthe Railway Station at post - Kamthe, Taluka - Chiplun, District -Ratnagiri, Maharashtra, 415605		1 No
Savarda	Savrada Konkan Railway Corporation Ltd, Savrada Railway station, At post - Manki Taluka - Chiplun, District -Ratnagiri, Maharashtra, 415606		1 No
Aravali	Aravali Roda Konkan Railway Corporation Ltd, Aravali Roda Railway station, At post - murdav Taluka - Sangameshor, District - Ratnagiri, Maharashtra, 415608		1 No
Kadwai	Kadavai Konkan Railway corporation Ltd, Kadavai Railway station, At post - Tural, Taluka - Sangameshor, District -Ratnagiri, Maharashtra, 415609		1 No
Sangamesh	Sangameshor Konkan Railway corporation Ltd, Sangameshor Railway station, At post - Ambed khurda, Taluka - Sangameshor, District - Ratnagiri, Maharashtra, 415611		1 No
Uksi	Ukshi Konkan Railway corporation Ltd, Ukshi Railway station, At post - Ukshi, Taluka - Sangameshor, District -Ratnagiri, Maharashtra, 415617		1 No
Bhoke	Bhoke Konkan Railway corporation Ltd, Bhoke Railway station, At post -		1 No



	Bhoke, Taluka -Ratnagiri, District - Ratnagiri, Maharashtra, 415639		
Ratnagiri	Ratnagiri Konkan Railway corporation Ltd, Ratnagiri Railway station, At post- mirjole, Taluka - Ratnagiri, District - Ratnagiri, Maharashtra, 415639		1 No
Nivsar	Nivsar Konkan Railway corporation Ltd, Nivsar Railway station, At post - Nivsar, Taluka - Ratnagiri, District - Ratnagiri, Maharashtra, 415803		1 No
Adavali	Adavali Konkan Railway corporation Ltd, Adavali Railway station At post - Adavali, Taluka - laja, District - Ratnagiri, Maharashtra, 415802		1 No
Verawali	Veravli Konkan Railway corporation Ltd, Veravli Railway station, At post - Veravali, Taluka - laja, District - Ratnagiri, Maharashtra, 416701		1 No
Vilvade	Vilavade Konkan Railway corporation Ltd, Vilavade Railway station, At post - Vilavade, Taluka - laja, District - Ratnagiri, Maharashtra, 416701		1 No
Rajapur	Rajapur Road Railway Station TA- Rajapur, DIS-Ratnagiri, Maharashtra, 416702	Mr. Kamlesh - 8806968104	1 No
Kharepatan	Kharepatan Road Railway Station, TA- Kankavali, DIS - Sindhudurg, Maharashtra, 416703		1 No
Vaibhavwa	Vaibhavwadi Road Railway Station, TA- Vaibhavwadi ,DIS- Sindhudurg, Maharashtra, 416810		1 No
Nandgaon	Nandgaon Road Railway Station TA- Kankavali, DIS- Sindhudurg Maharashtra, 416602		1 No
Kankavali	Kankavali Railway Station TA - Kankavali, DIS- Sindhudurg Maharashtra, 416602		1 No
Sindhudurg	Sindhudurg Railway Station TA- Kudal , DIS- Sindhudurg Maharashtra, 416534		1 No
Kudal	Kudal Railway Station TA Kudal , DIS- Sindhudurg Maharashtra, 416520		1 No
Zarap	Zarap Railway Station TA Kudal DIS- Sindhudurg		1 No



	Maharashtra, 416510		
Sawantwadi	Sawantwadi Road Railway Station, TA- Sawantwadi, DIS- Sindhudurg, Maharashtra, 416510		1 No
Madure	Madure Railway Station TA- Sawantwadi, DIS- Sindhudurg, Maharashtra 416514		1 No
Pernem	Pernem railway station, North Goa, 403512	Mr. Nitesh - 9527994114	1 No
Karmali	Karmali railway station, Karmali, Tiswadi, North Goa, 403110		1 No
Majroda	Majorda railway station, Nuvem Road, South Goa, Goa, 403713		1 No
Madgaon	Margao railway station, South Goa, 403601		1 No

Note: All the locations/stations name given above are tentative and may change. Successful Bidder may ask the final location with complete address after finalizing the tender. RailTel has the right to change location within RailTel Western Region area & firm has to supply & commission at location given by RailTel.

**This is issued with the approval of Competent Authority.**

  
21-06-24

Piyush Saxena  
AGM/Procurement/WR