

Purchase Order/ खरीद आदेश

Work Description/ कार्य विवरण	Supply, Installation and Supervision of Testing, Commissioning of Type-IV Switches/Routers including Integration with the existing MPLS/ SDH/DWDM network of RailTel.
Value of the Order (INR Figure and Words):	19,40,62,785.84 (Nineteen Crore Fourty Lakh Sixty Two Thousand Seven Hundred Eighty Five)Indian Rupee Only.

SN/ क्रमांक	Item Code/ आइटम कोड	Item HSN/SAC No/ एच.एस.एन / एस.ए.सी नंबर	Item Master Description/ आइटम मास्टर विवरण	Item Order Description/ आइटम आर्डर विवरण	UOM/ यू ओ एम्	Unit Price/ इकाई मूल्य	QTY/ मात्रा	Total Amount/ कुल राशि
2	140201000004	85176290	Router	Supply of Type-IV Switches/Routers with 3 years warranty as per tender requirements (Make & Model: SignallX & IMOSSA)	No.	566640	280	158659200
	PURCHASE_NR_IGST_18%_RECO Total Line Amount							28558656 187217856
3	150301000007	9917	Installation and Testing and Commissioning	Installation and Supervision of Testing, Commissioning of Type-IV Switches/Routers supplied including Integration with the existing MPLS/SDH/DWDM network of RailTel	No.	18000	280	5040000
	PURCHASE_NR_IGST_18%_RECO Total Line Amount							907200 5947200
5	160101000010	9917	Training	Training of personnel over	Man-We	42266	18	760788

RailTel Corporation of India Ltd. (A Government of India Undertaking, Ministry of Railways)
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				and above the on site training during the installation and supervision of testing, commissioning and integration period as detailed in the tender document	ek			
	PURCHASE_NR_IGST_18%_RECO							136941.84
	Total Line Amount							897729.84

	Total Quantity	578
	Total Amount(Excl All Taxes)	16,44,59,988.00
	Total Amount(Incl All Taxes)	19,40,62,785.84

Delivery/Execution Schedule

S N.	RailTel GSTIN	Item Code	UOM	Qty	State	Need by Date	Section/ Delivery head	Locations under Section/Delivery Head	Consignee Address
2.1 .1	07AABCR7176C2ZE	140201000004	No.	13	Delhi	28-NOV-23		RailTel-NR-DELHI-INV	List enclosed
2.2 .1	10AABCR7176C1ZS	140201000004	No.	7	Bihar	28-NOV-23		RailTel-ER-BIHAR-INV	List enclosed
2.3 .1	04AABCR7176C1ZL	140201000004	No.	1	Chandigarh	28-NOV-23		RailTel-NR-CHANDIGARH-INV	List enclosed
2.4 .1	06AABCR7176C1ZH	140201000004	No.	17	Haryana	28-NOV-23		RailTel-CO-HARYANA-INV	List enclosed
2.5 .1	23AABCR7176C1ZL	140201000004	No.	5	Madhya Pradesh	28-NOV-23		RailTel-WR-MADHYA PRADESH-INV	List enclosed
2.6 .1	03AABCR7176C1ZN	140201000004	No.	29	Punjab	28-NOV-23		RailTel-NR-PUNJAB-INV	List enclosed
2.7 .1	08AABCR7176C1ZD	140201000004	No.	43	Rajasthan	28-NOV-23		RailTel-NR-RAJASTHAN-INV	List enclosed
2.8 .1	05AABCR7176C1ZJ	140201000004	No.	3	Uttarakhand	28-NOV-23		RailTel-NR-UTTARAKHAND-INV	List enclosed
2.9 .1	09AABCR7176C1ZB	140201000004	No.	115	Uttar Pradesh	28-NOV-23		RailTel-NR-UTTAR PRADESH-INV	List enclosed
2.1 0.1	09AABCR7176C1ZB	140201000004	No.	21	Uttar Pradesh	28-NOV-23		RailTel-NR-UTTAR PRADESH-INV	
2.1 1.1	07AABCR7176C2ZE	140201000004	No.	9	Delhi	28-NOV-23		RailTel-NR-DELHI-INV	
2.1 2.1	04AABCR7176C1ZL	140201000004	No.	9	Chandigarh	28-NOV-23		RailTel-NR-CHANDIGARH-INV	
2.1 3.1	08AABCR7176C1ZD	140201000004	No.	8	Rajasthan	28-NOV-23		RailTel-NR-RAJASTHAN-INV	
3.1 .1	07AABCR7176C2ZE	150301000007	No.	13	Delhi	28-NOV-23		RailTel-NR-DELHI-INV	List enclosed
3.2 .1	10AABCR7176C1ZS	150301000007	No.	7	Bihar	28-NOV-23		RailTel-ER-BIHAR-INV	List enclosed
3.3 .1	04AABCR7176C1ZL	150301000007	No.	1	Chandigarh	28-NOV-23		RailTel-NR-CHANDIGARH-INV	List enclosed

3.4 .1	06AABCR7176C1ZH	150301000007	No.	17	Haryana	28-NOV-23		RailTel-CO-HAR YANA-INV	List enclosed
3.5 .1	23AABCR7176C1ZL	150301000007	No.	5	Madhya Pradesh	28-NOV-23		RailTel-WR-MA DHYA PRADESH-INV	List enclosed
3.6 .1	03AABCR7176C1ZN	150301000007	No.	29	Punjab	28-NOV-23		RailTel-NR-PUNJ AB-INV	List enclosed
3.7 .1	08AABCR7176C1ZD	150301000007	No.	43	Rajasthan	28-NOV-23		RailTel-NR-RAJA STHAN-INV	List enclosed
3.8 .1	05AABCR7176C1ZJ	150301000007	No.	3	Uttarakhand	28-NOV-23		RailTel-NR-UTT ARAKHAND-IN V	List enclosed
3.9 .1	09AABCR7176C1ZB	150301000007	No.	115	Uttar Pradesh	28-NOV-23		RailTel-NR-UTT AR PRADESH-INV	List enclosed
3.1 0.1	09AABCR7176C1ZB	150301000007	No.	21	Uttar Pradesh	28-NOV-23		RailTel-NR-UTT AR PRADESH-INV	
3.1 1.1	07AABCR7176C2ZE	150301000007	No.	9	Delhi	28-NOV-23		RailTel-CO-DEL HI-INV	
3.1 2.1	04AABCR7176C1ZL	150301000007	No.	9	Chandigarh	28-NOV-23		RailTel-NR-CHA NDIGARH-INV	
3.1 3.1	08AABCR7176C1ZD	150301000007	No.	8	Rajasthan	28-NOV-23		RailTel-NR-RAJA STHAN-INV	
5.1 .1	07AABCR7176C2ZE	160101000010	Man-W eek	18	Delhi	28-NOV-23		RailTel-NR-DEL HI-INV	

Terms and Conditions

Terms & Conditions	
Terms & Conditions	1. The Value mentioned in PO is inclusive of all taxes and duties. 2. Delivery, Installation, Testing, Commissioning & Integration period (Clause 4.A.4, chapter 4A) The materials are required to be delivered, installed, tested, commissioned & integrated within 180 days from the issue of LOA no. 1002310112 dtd. 01.06.2023. The bidder is required to submit the PERT chart showing the various activities which are required for supply, installation, testing, commissioning and integration of the equipment. The materials shall be delivered to the site as given in PO. Consignee address and contact details will be provided by region. 3. Warranty (Clause 4.A.2, chapter 4A) 3.1 The warranty would be valid for a period of 36 months after the completion of work in all sites and issue of Provisional Acceptance Certificate (PAC) as per clause 3.B.7.1 of Chapter-3B. The supplier shall warrant that stores to be supplied shall be new and free from all defects and faults in material, workmanship and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards of materials of the type ordered and shall perform in full conformity with the specifications and drawings. The supplier shall be responsible for any defects that may develop under the conditions provided by the contract and under proper use, arising from faulty materials, design or workmanship such as corrosion, inadequate quantity of material to meet equipment requirements, inadequate contact protection, deficiencies in design and/ or otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect the stores are faulty. 3.2 If it becomes necessary for the contractor to replace or renew any defective portion/portions of the supplies under this clause, the provisions of the clause shall apply to the portion/portions of the equipment so replaced or renewed or until the end of the above mentioned period or twelve months, whichever may be later. If any defect is not remedied within a reasonable time, the Purchaser may proceed to do the work at the contractor's risk & cost, but without

prejudice to any other rights which the Purchaser may have against the contractor in respect of such defects.

3.3 Replacement under warranty clause shall be made by the contractor free of all charges at site including freight, insurance and other incidental charges.

4. Warranty Support (Clause 4.A.2.4, chapter 4A)

4.1 Material for repair during Warranty Period shall be handed over /taken over to contractors engineer/representative at RailTels regional NOC locations or sites where equipments are installed. During the warranty period, the contractor shall remain responsible to arrange replacement in next business day and for setting right at his own cost any equipment installed by him which is of defective manufacture or design or becomes unworkable due to any cause whatsoever. The decision of the RailTels representative in this regard to direct the contractor to attend to any damage or defect in work shall be final and binding on the Contractor. In case contractor fails to replace any faulty part in next business day, penalties will be imposed as per clause 7.5.2 of Chapter-7 of tender document.

4.2 During the warranty period, the contractor shall be responsible to the extent expressed in this clause for any defects that may develop under the conditions provided for by the contract and under proper use, arising from faulty materials, design or workmanship in the plant, or from faulty execution of the plant by the contractor but not otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser Engineer who shall state in writing in what respect the portion is faulty.

5. PROVISIONAL ACCEPTANCE CERTIFICATE (PAC) (Clause 3.B.7, chapter 3B)

On Installation, testing, commissioning & integration of the equipments and Site Acceptance Test, Provisional Acceptance Certificate (PAC) will be issued by respective Territory Managers of concerned Region after checking of inter operability & other relevant feature from CNOC. PAC will not be held back for want of minor deficiencies not affecting the functioning of the overall system. Deficiencies, if any, pointed at the time of issuance of PAC, will be rectified by the contractor within one month.

6. FINAL ACCEPTANCE CERTIFICATE (FAC) (Clause 3.B.10, chapter 3B)

The final acceptance of the works completed shall take effect from the date of successful completion of 12 months after issue of final/last PAC in any case that the contractor has complied fully with his obligations in respect of each item under the contract. The Final Acceptance Certificate shall be signed by authorized representative of RailTel nominated by the ED/RGM of concerned region. Notwithstanding the issue of Final Acceptance Certificate, the contractor and the purchaser shall remain liable for fulfillment of any obligation incurred under the provision of the contract prior to the issue of Final Acceptance Certificate which remains unperformed at the time such certificate is issued and for determining the nature and extent of such obligation the contract shall be deemed to remain in force between the parties hereto.

7. Performance Bank Guarantee (Clause 4.A.6, chapter 4A)

7.1 The bidder has to furnish security deposit in the form of Performance Bank guarantee @ 3% of PO value i.e. Rs. 58,21,884/-. The same should be submitted in region within 30 days of issue of PO, failing which a penal interest of 15% per annum shall be charged for the delay period i.e. beyond 30 (thirty) days from the date of issue of PO. This PBG should be from a Scheduled Bank and should cover warranty period plus four months for lodging the claim. The performance Bank Guarantee will be discharged by the Purchaser after completion of the supplier's performance obligations including any warranty obligations under the contract.

7.2 The earnest money shall be released on submission of PBG. The Performa for PBG is given in Form no.-1 of Chapter-6 of tender document. If the delivery period gets extended, the PBG should also be extended appropriately.

7.3 The Performance Bank Guarantee (security deposit) will bear no interest.

7.4 This PBG would be released after satisfactory completion of contract including warranty period and only after submission of PBG towards AMC as per clause 4.A.3.3 of tender document.

7.5 A separate advice of the BG will invariably be sent by the BG issuing bank to the RailTel's Bank through SFMS and only after this the BG will become acceptable to RailTel. It is therefore in interest of bidder to obtain RailTel's Bank IFSC code, Its branch and address and advise these particulars to the BG Issuing bank and request them to send advice of BG through SFMS to the RailTel's Bank.

7.6 Wherever the contracts are rescinded, the security deposit/PBG shall be forfeited and the SD/Performance Bank Guarantee shall be en-cashed by RailTel.

8. Payment Terms for Supply items (Schedule-A) (Clause 4.A.5, chapter 4A)

8.1 75% payment of the value of Schedule-A would be made on receipt of material by the consignee duly inspected and on submission of the following documents subject to any deductions or recovery which RailTel may be entitled to make under the contract:

- (i) Valid Tax Invoice
- (ii) Delivery Challan/ E-way bill
- (iii) Packing list.
- (iv) Factory Test Report.
- (v) Purchaser's Inspection certificate
- (vi) Consignee receipt
- (vii) Warranty certificate of OEM
- (viii) Insurance certificate
- (ix) A certificate duly signed by the firm certifying that equipment/ materials being supplied are new and conform to technical specification.

8.2 15% payment of the value of Schedule-A shall be made by RailTel on Installation, Testing, Commissioning & Integration at site and Site Acceptance Test (SAT) Report issued by CNOC on recommendation of Regional NOCs. Further 5% payment of the value of Schedule-A shall be made by RailTel on issue of Provisional Acceptance Certificate (PAC) by respective Territory Managers of concerned region. Last 5% payment of the value of Schedule-A shall be made by RailTel on issue of Final Acceptance Certificate (FAC) by concerned region.

8.3 15% + 5% payment of value of supply items of Schedule-A which could not be installed for want of site readiness, will be made on issue of final PAC as per the decision of Executive Director (ED)/Regional General Manager (RGM) of concerned region and remaining 5% on issue of FAC.

8.4 Accounting unit/bill passing unit for the supplies under SOR is respective Regional Office. Bills to be submitted to the ED/RGM of Regions for passing for payment. The bidder will submit certifying receipt of material & services issued from consignee/regions, for passing for payment.

8.5 The breakup of taxes has to be furnished and same should be reflected in the bills so that any input credit can be availed by RailTel.

8.6 Payment of Service Items (Schedule-B & C)

8.7 90% payment of Schedule-B1 shall be made by respective Executive Director/Regional General Manager of the Region on successful Installation and Supervision of Testing, Commissioning and Integration, 5% on issue of PAC and final 5% on issue of Final Acceptance Certificate.

8.8 Payment of Schedule-B2 towards "Training of personnel over and above the on-site training during the installation and supervision of testing, commissioning & integration as detailed in the tender document" shall be made by respective Executive Director/Regional General Manager of the Region on successful completion of specified trainings.

8.9 Payment of Schedule-C1 towards "AMC/ Long Term Maintenance Support" would be paid quarterly by the concerned Region after satisfactory completion of AMC Services of that quarter and on certificate furnished by concerned RailTels representative of the Region.

9. Long Term Maintenance Support (Clause 4.A.3, chapter 4A)

9.1 Bidder/OEM shall provide maintenance support after successful completion of the warranty obligations for a minimum period of 5 years. The long term maintenance support shall be comprehensive and include all hardware and software equipment supplied against this contract. RailTel should be extended the benefits of software update/up-grades made by OEM on the system from time to time to improve performance. During this period the scope of work as mentioned in clause 4.A.2 above & its sub clauses will be applicable.

9.2 A separate LOA/PO for long term maintenance support (AMC) of total amount Rs. 3,74,43,571/- inclusive of all taxes (4% of supply cost) for 5 year will be issued before expiry of warranty obligation.

9.3 LOA for AMC shall be issued by RailTel 3 months prior to the completion of warranty period and separate Agreement shall be signed with the Bidder/OEM. A fresh Bank Guarantee valid for a period of 4 months beyond the completion of AMC from the date of LOA shall be required to be submitted by OEM/ Tenderer for due fulfillment of long term maintenance support obligation. Value of PBG will be 10% of the total value of LOA issued for AMC for five years or will be kept as per Government of India guidelines applicable at the time of issue of LOA for AMC. This

	PBG of AMC shall be submitted by the bidder within 30 days from the date of issue of LOA for the AMC. In case bidder does not submit the PBG in the stipulated time period, RailTel may encash the PBG given with the original LOA. 9.4 Quarterly payment for AMC Charges would be made by RailTel after successful completion of AMC Services of that quarter and on the certificate furnished by concerned RailTel representative of the Regional General Managers/ Executive Director of the Regions. 9.5 Detailed standard conditions applicable for the Annual Maintenance Contract between RailTel and the Contractor are given in chapter-7 of Tender document. 10. Locations is attached as Annexure-A. 11. Priced BOM submitted by bidder is attached as Annexure-B. 12. The nodal person from region for execution and contract management will be Sh. Dharminder/DGM. Note: All Terms and conditions of Tender document and issued corrigendum will be applicable.
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Details of Indent Covered (If Any)

Indent No.	Indent Description	Indent Quantity
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Supplier Bank Detail

Bank Account NO	159411100001273
IFSC Code	UBIN0815942
Bank Name	Union Bank of India

* If above Bank Details are not ok, then kindly update Railtel immediately.

Seal of RailTel	
Issuing Authority Signature	
Issuing Authority Name, Designation, Department	Mr. Suresh Kumar, Executive Director, Projects Operations & Maintenance

Copy To

- 1.
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- 5.

Annexure-A

SN	Region	Railway	Division	Name of station	Name of State
1	NR	NR	DLI	Hazrat Nizamuddin	DELHI
2	NR	NR	DLI	New Delhi	DELHI
3	NR	NR	DLI	Tilak Bridge	DELHI
4	NR	NR	DLI	'B' Panel	DELHI
5	NR	NR	DLI	Ghaziabad	UP
6	NR	NR	DLI	Sahibabad	UP
7	NR	NR	DLI	Delhi Cantt	DELHI
8	NR	NR	DLI	Garhi Harsaru	DELHI
9	NR	NR	DLI	Patel Nagar	DELHI
10	NR	NR	DLI	Adarsh Nagar Delhi	DELHI
11	NR	NR	DLI	Kurukshetra	HARYANA
12	NR	NR	DLI	Panipat	HARYANA
13	NR	NR	DLI	Sonipat	HARYANA
14	NR	NR	DLI	Meerut City	UP
15	NR	NR	DLI	Tapri	UP
16	NR	NR	DLI	Lajpat Nagar	DELHI
17	NR	NR	DLI	Asthal Bohar	HARYANA
18	NR	NR	DLI	Bti Bye Pass 'C'Cabin	PUNJAB
19	NR	NR	DLI	Dayabasti	DELHI
20	NR	NR	DLI	Jakhal	HARYANA
21	NR	NR	DLI	Jind Jn.	HARYANA
22	NR	NR	DLI	Katar Singh Wala	PUNJAB
23	NR	NR	DLI	Narwana	HARYANA
24	NR	NR	DLI	Rohtak	HARYANA
25	NR	NR	DLI	'A' Panel	DELHI
26	NR	NR	DLI	Delhi Jn	DELHI
27	NR	NR	DLI	Delhi Shahdara	DELHI
28	NR	NR	DLI	Khukrana	HARYANA
29	NR	NR	DLI	Pandu Pindara	HARYANA
30	NR	NR	DLI	Gohana	HARYANA
31	NR	NR	FZR	Pathankot Cantt	PUNJAB
32	NR	NR	FZR	Pathankot Jn	PUNJAB
33	NR	NR	FZR	Suchipind	PUNJAB
34	NR	NR	FZR	Bharoli	PUNJAB
35	NR	NR	FZR	Jalandhar Cant Jn	PUNJAB
36	NR	NR	FZR	Jalandhar City Jn	PUNJAB
37	NR	NR	FZR	Ludhiana	PUNJAB
38	NR	NR	FZR	Phagwara	PUNJAB
39	NR	NR	FZR	Phillaur Jn	PUNJAB
40	NR	NR	FZR	Sanehwal	PUNJAB
41	NR	NR	FZR	Tarn Taran	PUNJAB
42	NR	NR	FZR	Verka Jn	PUNJAB
43	NR	NR	FZR	Firozpur Cantt.	PUNJAB
44	NR	NR	FZR	Kotkapura	PUNJAB
45	NR	NR	FZR	Fazilka	PUNJAB
46	NR	NR	FZR	Amritsar Jn	PUNJAB
47	NR	NR	FZR	Beas	PUNJAB
48	NR	NR	FZR	Lohiankhas	PUNJAB

R.P.K.

49	NR	NR	FZR	Nakodar	PUNJAB
50	NR	NR	LKO	Janghai	UP
51	NR	NR	LKO	Varanasi	UP
52	NR	NR	LKO	Alam Nagar	UP
53	NR	NR	LKO	Lucknow	UP
54	NR	NR	LKO	Rae Bareli	UP
55	NR	NR	LKO	Utraithia	UP
56	NR	NR	LKO	Chilbila	UP
57	NR	NR	LKO	Pratapgarh	UP
58	NR	NR	LKO	Manak Nagar	UP
59	NR	NR	LKO	Unnao	UP
60	NR	NR	LKO	Akbarpur	UP
61	NR	NR	LKO	Phaphamau	UP
62	NR	NR	LKO	Prayag	UP
63	NR	NR	LKO	Faizabad	UP
64	NR	NR	LKO	Sultanpur	UP
65	NR	NR	LKO	Dalmou	UP
66	NR	NR	LKO	Unchahar	UP
67	NR	NR	LKO	Daryapur	UP
68	NR	NR	LKO	Zafarabad	UP
69	NR	NR	MB	Balamau Jn.	UP
70	NR	NR	MB	Bareilly	UP
71	NR	NR	MB	Bareilly Cantt	UP
72	NR	NR	MB	Moradabad	UP
73	NR	NR	MB	Roza	UP
74	NR	NR	MB	Laksar Jn	UK
75	NR	NR	MB	Muazzampur Narain	UP
76	NR	NR	MB	Najibabad	UP
77	NR	NR	MB	Chandausi	UP
78	NR	NR	MB	Raja Ka-Sahaspur	UP
79	NR	NR	MB	Gajroula	UP
80	NR	NR	MB	Hapur	UP
81	NR	NR	MB	Raiwala	UP
82	NR	NR	MB	Sitapur City	UP
83	NR	NR	UMB	Ambala Cantt	HARYANA
84	NR	NR	UMB	Hindon Cabin	UP
85	NR	NR	UMB	Khanalampura	UP
86	NR	NR	UMB	Rajpura	PUNJAB
87	NR	NR	UMB	Saharanpur	UP
88	NR	NR	UMB	Sirhind	PUNJAB
89	NR	NR	UMB	Chandigarh	CHANDIGARH
90	NR	NR	UMB	Jn Cabin (Mrnda)	PUNJAB
91	NR	NR	UMB	Bathinda	PUNJAB
92	NR	NR	UMB	Bathinda Cantt	PUNJAB
93	NR	NR	UMB	Dhuri	PUNJAB
94	NR	NR	UMB	Raipur Haryana Jn	HARYANA
95	NR	NR	UMB	Morinda	PUNJAB
96	NR	NCR	PRYJ	DDU	UP
97	NR	NCR	PRYJ	CAR	UP
98	NR	NCR	PRYJ	CPU	UP

PRK

99	NR	NCR	PRYJ	MZP	UP
100	NR	NCR	PRYJ	NYN	UP
101	NR	NCR	PRYJ	MKP	UP
102	NR	NCR	PRYJ	PRYJ	UP
103	NR	NCR	PRYJ	PRYJ-Testroom	UP
104	NR	NCR	PRYJ	FTP	UP
105	NR	NCR	PRYJ	CNB	UP
106	NR	NCR	PRYJ	CPA	UP
107	NR	NCR	PRYJ	PNKD	UP
108	NR	NCR	PRYJ	ETW	UP
109	NR	NCR	PRYJ	SKB	UP
110	NR	NCR	PRYJ	MNQ	UP
111	NR	NCR	PRYJ	FKD	UP
112	NR	NCR	PRYJ	TDL	UP
113	NR	NCR	PRYJ	TDL-Testroom	UP
114	NR	NCR	PRYJ	BRN	UP
115	NR	NCR	PRYJ	ETH	UP
116	NR	NCR	PRYJ	HRS	UP
117	NR	NCR	PRYJ	HRF	UP
118	NR	NCR	PRYJ	ALJN	UP
119	NR	NCR	PRYJ	HGJ	UP
120	NR	NCR	PRYJ	KRJ	UP
121	NR	NCR	PRYJ	GZB	UP
122	NR	NCR	Jhansi	BINA	MP
123	NR	NCR	Jhansi	AGD	MP
124	NR	NCR	Jhansi	LAR	UP
125	NR	NCR	Jhansi	JHS	UP
126	NR	NCR	Jhansi	JHS-Testroom	UP
127	NR	NCR	Jhansi	GWL	MP
128	NR	NCR	Jhansi	BLNR	MP
129	NR	NCR	Jhansi	AIT	UP
130	NR	NCR	Jhansi	KNH	UP
131	NR	NCR	Jhansi	ORAI	UP
132	NR	NCR	Jhansi	BZM	UP
133	NR	NCR	Jhansi	MBA	UP
134	NR	NCR	Jhansi	KID	UP
135	NR	NCR	Jhansi	BNDA	UP
136	NR	NCR	Jhansi	KURJ	MP
137	NR	NCR	Jhansi	OHAN	UP
138	NR	NCR	Agra	DHO	RAJASTHAN
139	NR	NCR	Agra	MHF	RAJASTHAN
140	NR	NCR	Agra	TPO	UP
141	NR	NCR	Agra	SRMT	RAJASTHAN
142	NR	NCR	Agra	BHA	UP
143	NR	NCR	Agra	AGC	UP
144	NR	NCR	Agra	AGC-Testroom	UP
145	NR	NCR	Agra	MTJ	UP
146	NR	NCR	Agra	BTSR	UP
147	NR	NCR	Agra	PWL	HARYANA
148	NR	NCR	Agra	AWR	RAJASTHAN

RRK

149	NR	NCR	Agra	AH	UP
150	NR	NCR	Agra	BTE	RAJASTHAN
151	NR	NCR	Agra	BIQ	RAJSTHAN
152	NR	NCR	Agra	BXN	RAJASTHAN
153	NR	NCR	Agra	UDMR	UP
154	NR	NCR	Agra	IDH	UP
155	NR	NCR	Agra	AF	UP
156	NR	NCR	Agra	JAB	UP
157	NR	NR	UMB	New Morinda	PUNJAB
158	NR	NER	Lucknow	Malani Jn.	UP
159	NR	NER	Lucknow	Sitapur Jn.	UP
160	NR	NER	Lucknow	Daliganj Jn.	UP
161	NR	NER	Lucknow	Aishbagh Jn.	UP
162	NR	NER	Lucknow	Lucknow Jn.	UP
163	NR	NER	Lucknow	Gonda Jn.	UP
164	NR	NER	Lucknow	Burhwal Jn.	UP
165	NR	NER	Lucknow	Mankapur Jn.	UP
166	NR	NER	Lucknow	Gorakhpur Jn.	UP
167	NR	NER	Lucknow	Anandnagar	UP
168	NR	NER	Lucknow	NanparaJn.	UP
169	NR	NER	Lucknow	Gorakhpur Cantt.	UP
170	NR	NER	Lucknow	Aunrihar Jn.	UP
171	NR	NER	Lucknow	Phephana Jn.	UP
172	NR	NER	Izzatnagar	KashipurJn.	UK
173	NR	NER	Izzatnagar	LalkuaJn.	UK
174	NR	NER	Izzatnagar	PilibhitJn.	UP
175	NR	NER	Izzatnagar	BhojipuraJn.	UP
176	NR	NER	Izzatnagar	Kasganj.	UP
177	NR	NER	Izzatnagar	MandhanaJn.	UP
178	NR	NER	Izzatnagar	IzzatnagarJn.	UP
179	NR	NER	Izzatnagar	FarrukhabadJn.	UP
180	NR	NER	Izzatnagar	BareillyJn.	UP
181	NR	NER	Varanasi	KaptanganjJn.	UP
182	NR	NER	Varanasi	ThaweJn.	BIHAR
183	NR	NER	Varanasi	Masrakh	BIHAR
184	NR	NER	Varanasi	ChhaprakacheriJn.	BIHAR
185	NR	NER	Varanasi	ChhapraGramin	BIHAR
186	NR	NER	Varanasi	ChhapraJn.	BIHAR
187	NR	NER	Varanasi	DuraundhaJn.	BIHAR
188	NR	NER	Varanasi	SiwanJn.	BIHAR
189	NR	NER	Varanasi	BhatniJn.	UP
190	NR	NER	Varanasi	SalempurJn.	UP
191	NR	NER	Varanasi	IndaraJn.	UP
192	NR	NER	Varanasi	MauJn.	UP
193	NR	NER	Varanasi	AunriharJn.	UP
194	NR	NER	Varanasi	PhephanaJn.	UP
195	NR	NWR	All	All	RAJASTHAN
196	NR	NWR	All	MD	RAJASTHAN
197	NR	NWR	All	MJ	RAJASTHAN
198	NR	NWR	All	MVJ	RAJASTHAN

RRK

199	NR	NWR	BKN	BKN	RAJASTHAN
200	NR	NWR	BKN	LGH	RAJASTHAN
201	NR	NWR	BKN	SOG	RAJASTHAN
202	NR	NWR	BKN	SRPR	RAJASTHAN
203	NR	NWR	BKN	SGNR	RAJASTHAN
204	NR	NWR	BKN	HMH	RAJASTHAN
205	NR	NWR	BKN	HSR	HARYANA
206	NR	NWR	BKN	SURP	RAJASTHAN
207	NR	NWR	BKN	SDLP	RAJASTHAN
208	NR	NWR	BKN	LHU	RAJASTHAN
209	NR	NWR	BKN	CUR	RAJASTHAN
210	NR	NWR	BKN	RTGH	RAJASTHAN
211	NR	NWR	BKN	RTGH CABIN	RAJASTHAN
212	NR	NWR	BKN	BNW	HARYANA
213	NR	NWR	JP	RE	HARYANA
214	NR	NWR	JP	AWR	RAJASTHAN
215	NR	NWR	JP	BKI	RAJASTHAN
216	NR	NWR	JP	DO	RAJASTHAN
217	NR	NWR	JP	JP	RAJASTHAN
218	NR	NWR	JP	FL	RAJASTHAN
219	NR	NWR	JP	RGS	RAJASTHAN
220	NR	NWR	JP	SIKR	RAJASTHAN
221	NR	NWR	JP	SWM	RAJASTHAN
222	NR	NWR	JP	GGC	RAJASTHAN
223	NR	NWR	JU	RKB	RAJASTHAN
224	NR	NWR	JU	PPR	RAJASTHAN
225	NR	NWR	JU	MTD	RAJASTHAN
226	NR	NWR	JU	DNA	RAJASTHAN
227	NR	NWR	JU	MKN	RAJASTHAN
228	NR	NWR	JU	LUNI	RAJASTHAN
229	NR	NWR	JU	SMR	RAJASTHAN
230	NR	NWR	JU	PLC	RAJASTHAN
231	NR	NWR	JU	THM	RAJASTHAN
232	NR	NWR	JU	AQG	RAJASTHAN
233	NR	NWR	JU	JU	RAJASTHAN
234	NR	To be provided separately			UP
235	NR	To be provided separately			UP
236	NR	To be provided separately			UP
237	NR	To be provided separately			UP
238	NR	To be provided separately			UP
239	NR	To be provided separately			UP
240	NR	To be provided separately			UP
241	NR	To be provided separately			UP
242	NR	To be provided separately			UP
243	NR	To be provided separately			UP
244	NR	To be provided separately			UP
245	NR	To be provided separately			UP
246	NR	To be provided separately			UP
247	NR	To be provided separately			UP
248	NR	To be provided separately			UP

RRK

249	NR	To be provided separately	UP
250	NR	To be provided separately	UP
251	NR	To be provided separately	UP
252	NR	To be provided separately	UP
253	NR	To be provided separately	UP
254	NR	To be provided separately	UP
255	NR	To be provided separately	Delhi
256	NR	To be provided separately	Delhi
257	NR	To be provided separately	Delhi
258	NR	To be provided separately	Delhi
259	NR	To be provided separately	Delhi
260	NR	To be provided separately	Delhi
261	NR	To be provided separately	Delhi
262	NR	To be provided separately	Delhi
263	NR	To be provided separately	Delhi
264	NR	To be provided separately	CHANDIGARH
265	NR	To be provided separately	CHANDIGARH
266	NR	To be provided separately	CHANDIGARH
267	NR	To be provided separately	CHANDIGARH
268	NR	To be provided separately	CHANDIGARH
269	NR	To be provided separately	CHANDIGARH
270	NR	To be provided separately	CHANDIGARH
271	NR	To be provided separately	CHANDIGARH
272	NR	To be provided separately	CHANDIGARH
273	NR	To be provided separately	RAJASTHAN
274	NR	To be provided separately	RAJASTHAN
275	NR	To be provided separately	RAJASTHAN
276	NR	To be provided separately	RAJASTHAN
277	NR	To be provided separately	RAJASTHAN
278	NR	To be provided separately	RAJASTHAN
279	NR	To be provided separately	RAJASTHAN
280	NR	To be provided separately	RAJASTHAN

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BILL OF MATERIAL (BOM) WITH PRICE OF MODULES/ CARDS																
S N	HSN Code	Description	Total Qty	EX- Factory Price (Basic Unit Price exclusive of all levies and charges) (in Rs.)	EX- Factory Price (Basic Total Unit Price exclusive of all levies and charges) (in Rs.)	Pkg & Forwarding Charges		Freight & Insurance Charges		Other Charge esand Levies (to be specified by bidder)		GST		Price Per Unit (all inclusive) for delivery at destinati on (5+7+9+10+12)		
						%	Amt (in Rs.)	%	Amt (in Rs.)	Amt (in Rs.)	%	Amt (in Rs.)				
1		2	3	4	5	6	7	8	9	10	11	12	13			
	85176290	SIGNALX iMossa Chassis with Dual DC Power Supply, Fan Tray with No Controller Card and No Interface Card	880	3,45,910	3,45,910	-	-	-	-	-	18%	62,264	4,08,174			
	85176270	Controller Card	1,760	56,645	1,13,290	-	-	-	-	-	18%	20,392	1,33,682			
	85176270	4 x 10 GE Interface Card	1,760	53,720	1,07,440	-	-	-	-	-	18%	19,339	1,26,779			
												TOTAL	6,68,635			

Note: Each Type-IV switch requires Two nos. of controller cards and two nos. of 4 x 10GE interface cards.

RRV