

COMMERCIAL BILL OF MATERIAL	
Instructions	
S.No.	Guidelines
I	Summary of Total Cost
1	The bidder is expected to quote the costs for all items required for fully complying with the requirements of the RFP and the corrigendums in the respective sections of the price bid. The prices for the respective sections would be deemed to include all components required to successfully utilise the solution.
2	OICL is not responsible for any arithmetic errors in the commercial bid details sheet committed by the bidders. All formulas & arithmetical calculations will be Bidder's responsibility.
3	The bidder is expected to specify the type of licences along with the details with respect to quantity, rate, etc., wherever applicable.
4	In case the bidder includes/combines any line item as part of any other line item in the commercial bid, then this has to be clearly mentioned in the description indicating the line item which contains the combination
5	The bidder has to quote for each line item. If any line item is part of the solution proposed in the RFP response, it has to be referenced. If it is not applicable, then the Bidder has to mention Not Applicable (NA).
6	The Bidder may insert additional line items as applicable based on the solution offered in the respective tabs
7	The Bidders should quote as per the format of Bill of Material ONLY and a masked replica of the Bill of Material should be enclosed in the technical bid.
8	Bidder is required to cover component by component licensing details for each of the software components proposed to OICL
9	The <u>masked</u> Bill of Materials which would be submitted as part of the Technical Bill of Material should contain "XX" for ALL the corresponding commercial values that will be present in the unmasked Bill of Material that will be part of the Commercial submission.
10	All amounts in the Bill of Material should be in INR
11	The Bidder should to the extent possible stick to the same structure of the Bill of Material. Hence, the bidder is not expected to delete necessary rows.
12	All the prices quoted by the bidder shall be exclusive of taxes
13	Any additional number of items (software, hardware) and services to be procured by OICL in future shall be on pro-rata basis on the rates provided in the Bill of Material.
14	If the bidder has not quoted for any line item mentioned in the Bill of Material, it will deemed considered that bidder has factored the cost for the item in the Bill of Material and No Additional charges will be paid other than the one mentioned in the Bill of Material .
II	Software
1	The bidder has to quote for each line item. If any line item is part of the solution proposed in the RFP response, it has to be referenced. If it is not applicable, then the Bidder has to mention Not Applicable (NA).
2	The Bidder can insert additional line items as applicable based on the solution offered in the various tabs
3	The license type , edition and version of the Software has to be clearly described in the Description column
4	The Bidder shall provide the maintenance (Warranty & ATS) for entire contract period.
III	Hardwar Charges
1	Bidder should quote for hardware charges (incl. of all infra requisrements reqd.) for the successful operationalization of the solution.
2	The Bidder can insert additional line items as applicable based on the solution offered in the various tabs
IV	Implementation
1	Bidder shall comply to the implementation scope provided in the RFP
2	Implementation should include all the costs associated with the complete implementation of the solution covering all the locations & implementation of associated components like software etc.
3	Activities and functions to be undertaken for installation and implementation of the licensed software should be as per the RFP.
V	ATS & Others, FM-Manpower

COMMERCIAL BILL OF MATERIAL**Instructions**

S.No.	Guidelines
1	Bidder is expected to provide a detailed break up of all products and services that are under the scope of facilities management as part of the technical bid, in the technical bill of materials i.e. the above format is expected to be replicated for each item to be covered under the scope of facilities management.
2	The ATS costs for Production DC & DR, has to be quoted separately
3	The ATS cost for applications has to be quoted as separate line items in this section. If required, the Bidder has to create additional line items in this section.
4	Bidders must note that any Warranty pertaining to Software/Applications that extends beyond the contract period due to the Software/Applications supply towards the terminal years of the contract must be provided and supported by the Bidder without any additional cost to OICL.
5	The Bidder needs to provide facility management services as per the scope of the RFP
6	The Bidder to provide FM resources as per the scope of the RFP
VI	Bandwidth charges
1	Bidder needs to quote for bandwidth charges per Branches / RO/HO/DC/DR for every year.
2	In the Commercial Bid, NSP1 refers to BSNL and NSP 2 refers to Bidder.
3	Bandwidth Charges should be inclusive of last mile, modem, Antenna, Mast/Tripod , converter/SU/POE/Tower/migration& IP Sec Certificates etc and any other Hardware/Software/License cost incurred for provisioning of Bandwidth is to be borne by the Bidder at no extra cost to OICL
4	During the site survey, Bidder's Engineer will check for all the pre-requisites including cables, patch cords, power cables etc. Bidder is responsible for Racking, Stacking, Cabling (within the Rack & between the racks), performing all adequate cabling activities (including laying of the cables) for successful commissioning of all Solutions/components mentioned in this RFP without any extra cost to OICL
5	Bidder should bring all the tools and equipment (Including Fiber Cable, copper cables , patch panels(if required) or any other cables required), converters for successful commissioning of all Solutions/components mentioned in this RFP without any extra cost to OICL.

Summary of Total Cost (Table A)

S.No.	Items	Year 1	Year 2	Year 3	Year 4	Year 5	Total Amount for 5 years (in INR)
a.	Bandwidth Charges						
b.	Bandwidth on Demand						
c.	Upgradation of BW Charges						
d.	Secure Internet Charges						
e.	License Cost - Software Appl.						
f.	DC-DR Hardware						
g.	Implementation & Commission						
h.	AMC, ATS & Others						
i.	FM Manpower Cost						
j.	Training Cost						
Grand Total - TCO							

****All the prices quoted by the bidder shall be exclusive of taxes**

Total Cost in Words:

Total Price quoted on GeM portal (Table B)

S.No.	Description	Amount in Rs. Excluding Taxes	GST%	Total GST	Amount in Rs. Including GST
1	Grand Total - TCO as per Table A.				

Details of Cost of Dedicated Bandwidth for upgradation (inclusive of last mile, modem, Antenna, Mast/Tripod)					Year 1		Year 2		Year 3		Year 4		Year 5		Total Amount for 5 years (INR)
S.no	Bandwidth	Type of office	Type of Link proposed Wired (Copper/Fiber), Wireless (RF), 3G/4G/5G	Quantity	NSP1 Link Banwidth upgrade Cost (INR)	NSP2 Link Banwidth upgrade Cost (INR)	NSP1 Link Banwidth upgrade Cost (INR)	NSP2 Link Banwidth upgrade Cost (INR)	NSP1 Link Banwidth upgrade Cost (INR)	NSP2 Link Banwidth upgrade Cost (INR)	NSP1 Link Banwidth upgrade Cost (INR)	NSP2 Link Banwidth upgrade Cost (INR)	NSP1 Link Banwidth upgrade Cost (INR)	NSP2 Link Banwidth upgrade Cost (INR)	
1	1 Mbps	BO/DO/RO/Branches	Wired	1											
2	1 Mbps	BO/DO/RO/Branches	Wireless	1											
3	1 Mbps	BO/DO/RO/Branches	3G/4G/5G	1											
4	5 Mbps	BO/DO/RO/Branches	Wired	1											
5	5 Mbps	BO/DO/RO/Branches	Wireless	1											
6	5 Mbps	BO/DO/RO/Branches	3G/4G/5G	1											
7	10 Mbps	BO/DO/RO/Branches	Wired	1											
8	10 Mbps	BO/DO/RO/Branches	Wireless	1											
9	10 Mbps	BO/DO/RO/Branches	3G/4G/5G	1											
10	12 Mbps	BO/DO/RO/Branches	Wired	1											
11	12 Mbps	BO/DO/RO/Branches	Wireless	1											
12	12 Mbps	BO/DO/RO/Branches	3G/4G/5G	1											
13	40 Mbps	BO/DO/RO/Branches	Wired	1											
14	40 Mbps	BO/DO/RO/Branches	Wireless	1											
15	40 Mbps	BO/DO/RO/Branches	3G/4G/5G	1											
16	50 Mbps	BO/DO/RO/Branches	Wired	1											
17	50 Mbps	BO/DO/RO/Branches	Wireless	1											
18	50 Mbps	BO/DO/RO/Branches	3G/4G/5G	1											
19	20 Mbps	DC / DR	Wired	1											
20	50 Mbps	DC / DR	Wired	1											
21	100 Mbps	DC / DR	Wired	1											
Grand Total															

In the Commercial Bid, NSP1 refers to BSNL and NSP 2 refers to Bidder.

**Upgradation of Bandwidth in DC/DR for both Dedicated and Secure internet will be in the multiples of 5mbps/10mbps

The charges of bandwidth slabs i.e. 2 Mbps, 3 Mbps, 4 Mbps, 8 Mbps, 30 Mbps mentioned in - "(a) Bandwidth Charges" will also be considered for upgradation of bandwidth on the type of media deployed.

Details of Secure Internet Bandwidth and DDos						Year 1		Year 2		Year 3		Year 4		Year 5		Total Amount for 5 years (INR)
S.no	DC/DR	Office Name	Address	Required Bandwidth (Link 1)	Required Bandwidth (Link2)	Link 1	Link 2									
1	DC	Data Centre Bangalore Internet Link (Active-Passive)	C/o Sify DC, Third Floor, Cyber Park, Plot No: 76/77, Doddathogur Village, Electronics City Phase-1,Bengaluru - 560100	150 Mbps	150 Mbps											
2	DR	Data Centre Rabale Internet Link (Active-Passive)	C/o Sify DC, Rabale Techspace, Plot No. 847/1/2, TTC Industrial Area, MIDC, Rabale, Navi Mumbai - 400701	150 Mbps	150 Mbps											
3	DC	Data Centre Clean Internet Link (Active-Passive)	C/o Sify DC, Third Floor, Cyber Park, Plot No: 76/77, Doddathogur Village, Electronics City Phase-1,Bengaluru - 560100	20 Mbps	20 Mbps											
4	DR	Data Centre Clean Internet Link (Active-Passive)	C/o Sify DC, Rabale Techspace, Plot No. 847/1/2, TTC Industrial Area, MIDC, Rabale, Navi Mumbai - 400701	20 Mbps	20 Mbps											
5	DC	Distributed Denial of Services (DDOS) Mitigation Solution	C/o Sify DC, Third Floor, Cyber Park, Plot No: 76/77, Doddathogur Village, Electronics City Phase-1,Bengaluru - 560100	1 GBPS												
6	DR	Distributed Denial of Services (DDOS) Mitigation Solution	C/o Sify DC, Rabale Techspace, Plot No. 847/1/2, TTC Industrial Area, MIDC, Rabale, Navi Mumbai - 400701	1 GBPS												
Total (A)																

Upgradation of Secure Internet Bandwidth at DC/DR						Year 1		Year 2		Year 3		Year 4		Year 5		Total Amount for 5 years (INR)
S.no	DC/DR	Office Name	Required Bandwidth (Link1)	Required Bandwidth (Link2)	Link 1	Link 2										
1	DC/DR	Data Centre Bangalore Internet Link (Active-Passive)	5 Mbps	5 Mbps												
2	DC/DR	Data Centre Rabale Internet Link (Active-Passive)	10 Mbps	10 Mbps												
3	DC/DR	Data Centre Clean Internet Link (Active-Passive)	5 Mbps	5 Mbps												
Total (B)																

Grand Total (A+B)																
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**Upgradation of Bandwidth in DC/DR for Secure internet will be in the multiples of 5mbps/10mbps

In the Commercial Bid, NSP1 refers to BSNL and NSP 2 refers to Bidder.

Total Cost ATS Cost G1 = (A1+A2+B1+B2)

Hardware AMC at DC															
Solutions															
VPN (IP SEC) connectivity with two factor authentication															
Wan optimization for DC															
DDI Solution															
Wan Optimization for offices															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Total AMC Cost of DC (A1)															
Hardware AMC at DR															
Solutions															
VPN (IP SEC) connectivity with two factor authentication															
Wan optimization for DR															
DDI Solution															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Any Other (Please specify)															
Total AMC Cost of DR (B1)															
Manageability for Existing Branch Routers															
	Quantity	Manageability Cost Year 1	Manageability Cost Year 2	Manageability Cost Year 3	Manageability Cost Year 4	Manageability Cost Year 5	Total Amount INR								
CISCO 1941 Router	30														
CISCO 1921 Router	866														
CISCO 1905 Router	15														
Total Manageability Cost of Existing Branch Routers															
AMC of DC-DR Routers & Switches															
	Quantity	AMC Cost Year 1	AMC Cost Year 2	AMC Cost Year 3	AMC Cost Year 4	AMC Cost Year 5	Total Amount INR								
Cisco ASR 1002HX	12														
Cisco C9200L-24P-4X-E	4														
Total AMC Cost of DC-DR Routers & Switches															
Others															
	Year 1			Year 2			Year 3			Year 4			Year 5		
	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)
Next Generation Noc Facilities	914*														
Network functionalities Assessment through Independent Third Party															
SDWAN Migration Cost	1														
Manageability of Core routers (Cisco ASR 1002HX) **	12														
Manageability of Core switches (Cisco 9200L-24P-4X-E)**	4														
Manageability of new branch routers(which will be procured through a separate RFP)	914*														
Please specify if any other															
Total Cost															

** Currently, the Data center routers and switches are under OEM warranty w.e.f 11/09/2022 till 10/09/2025 i.e. for 3 years. The selected Bidder has to provide manageability including raising tickets, coordination with the OEM and office, logistics support, configuration support etc for maintaining SLA from 11/09/2023 to 10/09/2025 . Post expiration of warranty period, the Bidder has to provide AMC including Manageability of the routers and switches thus part replacement, hardware replacement in part or full, etc. for maintaining the SLA lies end to end with the bidder.

Bidder needs to provision the Next Generation Noc Facility for all the OICL offices, DC & DR which are as of now 914. The cost quoted by the bidder will be of total OICL office, DC & DR. Payment will be made on prorata basis on the actual count of OICL offices and DC&DR. For SDWAN Migration bidder needs to provide the blended rate of 1 office for costing purpose. The amount will nbe paid as per the payment terms mentioned in the RFP on pro-rata basis as per the no of office getting migrated to SDWAN.

S.No.	Item	Training Duration (working days)	Location	Batches	Number of trainees per batch	Rate per batch (INR)	Total Amount (INR)
1	DDI Solution	5		1	10		
2	Wan Optimization	5		1	10		
3	VPN	5		1	10		
10	Any other, please specify						
Grand Total							

Note:

- 1 Each batch should accommodate additional 20% of resources over and above the limit prescribed