

S.No	Form Reference	Track Name	Format Number	Project Component Name	Cost Excluding Taxes		Cost Inclusive of Taxes	
					Project Component Cost (INR)	Track Cost (INR)	Project Component Cost (INR)	Track Cost (INR)
1.	Format 3	Track 1: Setting Up of Development & Test Environment	Format 3A	Track 1 - Cloud Resource Cost Format	₹ 0	₹ 0	₹ 0	₹ 0
			Format 3B	Track 1: System Software Cost	₹ 0		₹ 0	
2.	Format 4	Track 2: OIOS Application Design, Development, Implementation and Rollout	Format 4A	OIOS Application Design, Development, Implementation and Rollout	₹ 0	₹ 0	₹ 0	₹ 0
			Format 4B	Track 2: Phase 1 Middleware and Software	₹ 0		₹ 0	
			Format 4D	Phase 3 Development Team	₹ 0		₹ 0	
			Format 4E	OIOS Application Cloud to PDC Migration Cost	₹ 0		₹ 0	
3.	Format 5	Track 3: Setting Up of PDC and DRC and Backup Sites at 2 IA&AD offices	Format 5A	Track 3: Phase 1 - Setting Up of PDC	₹ 0	₹ 0	₹ 0	₹ 0
			Format 5B	Track 3: Phase 2 - Setting Up of PDC	₹ 0		₹ 0	
			Format 5C	Track 3: Phase 2 - Setting Up of DRC	₹ 0		₹ 0	
4.	Format 6	Track 4: Centralized Helpdesk Set Up and Operations	Format 6A	Centralized Helpdesk Resource	₹ 0	₹ 0	₹ 0	₹ 0
			Format 6B	Centralized Helpdesk Hardware & Software	₹ 0		₹ 0	
5.	Format 7	Track 5: Training Cost						₹ 0
6.	Format 8	Track 6: Operations and Maintenance Cost			₹ 0			₹ 0
A.	Total Cost (1+2+3+4+5+6) in Numbers				₹ 0			₹ 0
	Total Cost in Words: <<To be entered manually...>>							

FORMAT 3A		Track 1 - Cloud Resource Cost Format						
#	Item	Unit of Measurement	Quantity	Number of Months	Price Per Unit Per Month	Total Price (excluding taxes)	Tax in %age	Total Price (including taxes)
			A	B	C	D = A x B x C	E	F = D + (D x E/100)
<i>All Amount to be quoted in INR</i>								
1	VM (loaded with latest Linux or Windows environment which the bidder selects for development)							
1.1.	X86 64Core with 256GB RAM	Number	1	3		0		0
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2.	Storage					0		0
2.1.	SSD 500 GB	Number	1	3		0		0
2.2.	SAS / NLSAS 500 GB	Number	1	3		0		0
<i>Row Intentionally left Blank</i>								
	Total Cost (In Numbers)						₹ 0	₹ 0
	Total Cost (In Words) Including Taxes	<<To be entered manually...>>						

FORMAT 3B		Track 1: System Software Cost																						
S No	Item	Proprietary / Open Source	Unit	Qty	Unit Rate	Total price (Excluding Taxes)	Tax %	Total price (Inclusive of Taxes)	Annual Technical Support (Excluding Taxes)							Total Cost of Ownership (Excluding Taxes)	Annual Technical Support (Inclusive of Taxes)							Total Cost of Ownership (Inclusive of Taxes)
									Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	
			A	B	C=AXB	D	E = C + (C*D/100)	Y1	Y2	Y3	Y4	Y5	Y6	Y7	G = C + Y1 + Y2 + Y3 + Y4 + Y5 + Y6 + Y7	YT1	YT2	YT3	YT4	YT5	YT6	YT7	F = E + YT1 + YT2 + YT3 + YT4 + YT5 + YT6 + YT7	
<i>All Amount to be quoted in INR</i>																								
1	Software development licenses for dev team																							
1.1.	Application Server		License			0		0															₹ 0	
1.2.	Database Server		License			0		0															₹ 0	
1.3.	BPM		License			0		0															₹ 0	
1.4.	GIS		License			0		0															₹ 0	
1.5.	Any other		License			0		0															₹ 0	
Total Cost (In																₹ 0							₹ 0	
Total Cost (In Words) Including Taxes		<i><<To be entered manually...>></i>																						

FORMAT 4A					
S No	Components Name	Unit	Total Capex (Excluding Taxes)	Taxes %	Total Capex (Inclusive of Taxes)
			A	B	C = A + (A*B/100)
<i>All Amount to be quoted in INR</i>					
A	OIOS Phase 1 - Bespoke Software Development	Lumpsum			₹ 0
B	OIOS Phase 2 - Bespoke Software Development	Lumpsum			₹ 0
<i>Row Intentionally left Blank</i>					
C	Total Cost (In Numbers)		₹ 0		₹ 0
	Total Cost (In Words) Including Taxes	<<To be entered manually...>>			

FORMAT 4B		Track 2: Phase 1 Middleware and Software																						
S No	Item	Proprietary / Open Source	Unit	Qty	Unit Rate	Total price (Excluding Taxes)	Tax %	Total price (Inclusive of Taxes)	Annual Technical Support (Excluding Taxes)							Total Cost of Ownership (Excluding Taxes)	Annual Technical Support (Inclusive of Taxes)							Total Cost of Ownership (Inclusive of Taxes)
									Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	
									Y1	Y2	Y3	Y4	Y5	Y6	Y7	G = C + Y1 + Y2 + Y3 + Y4 + Y5 + Y6 + Y7							Y1	Y2
All Amount to be quoted in INR																								
Row Intentionally left Blank																								
1.	Supporting Platform																							
1.1.	Operating system – Open source		Support			0		0												₹ 0				
1.2.	Operating system – COTS		License			0		0												₹ 0				
1.3.	Virtualisation software		License/ CPU			0		0												₹ 0				
1.4.	Virtualisation Manager Software		License/ Support	1		0		0												₹ 0				
2.	Core System Software Components																							
2.1.	Web server		Core	4		0		0												₹ 0				
2.2.	Application Server		Core	4		0		0												₹ 0				
2.3.	BPM Software		Core	4		0		0												₹ 0				
2.4.	Document management system		Core	4		0		0												₹ 0				
2.5.	Database – OIOS		Core	4		0		0												₹ 0				
2.6.	Database security – OIOS		Core	4		0		0												₹ 0				
2.7.	KMS Platform, discussion forum & Implementation		License	1		0		0												₹ 0				
2.8.	Help desk Tool – OIOS		License	1		0		0												₹ 0				
2.9.	Web conferencing tool (Helpdesk - multiple offices)		Host	10		0		0												₹ 0				
2.10.	SIEM		License			0		0												₹ 0				
2.11.	Identity access and management (for 29,000 users -25% delivery)		License			0		0												₹ 0				
3.	EMS Software																							
3.1.	Monitoring: IT Infrastructure (device based - OS Instances: Server OS, Virtualisation, Firewall, IPS, Storage)		Number			0		0												₹ 0				
3.2.	Monitoring: OIOS Application Performance (Real User Monitoring, Diagnostics)		License			0		0												₹ 0				
3.3.	Dashboard & Reporting (Events correlation, Centralized Reporting)		License			0		0												₹ 0				
3.4.	Service Desk (SLA monitoring, Incident Mgmt.)		License			0		0												₹ 0				
3.5.	OIOS, IT Infrastructure Operational Analytics (Log Correlation & Analysis)		License			0		0												₹ 0				
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Total Cost (In Numbers)														₹ 0						₹ 0				
Total Cost (In Words) Including Taxes		<<To be entered manually...>>																						

FORMAT 4D		Phase 3 Development Team					
S No	Resource Type	Quantity	Cost Per resource Per Month (Excluding Taxes)	Number of Months	Total Cost (Excluding Taxes)	Tax %	Total Cost of Ownership (Including Taxes)
		A	B	C	D = A X B X C	E	F = D+(D*E/100)
All Amount to be quoted in INR							
1.	Development Team						
1.1.	Project Manager	1		18	₹ 0		₹ 0
1.2.	Scrum Master	3		18	₹ 0		₹ 0
1.3.	Enterprise Solution Architect	1		9	₹ 0		₹ 0
1.4.	Security Architect	1		6	₹ 0		₹ 0
1.5.	QC Expert	1		18	₹ 0		₹ 0
1.6.	Business Analyst	3		6	₹ 0		₹ 0
1.7.	Developers / Sr Developers	15		9	₹ 0		₹ 0
1.8.	UX/ UI Designer	3		18	₹ 0		₹ 0
1.9.	Test Lead	1		18	₹ 0		₹ 0
1.10.	Tester	3		18	₹ 0		₹ 0
1.11.	Data Preparation / Migration Expert	1		12	₹ 0		₹ 0
1.12.	Database Administrator	1		12	₹ 0		₹ 0
1.13.	System Administrator	1		18	₹ 0		₹ 0
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	Total Cost (In Numbers) Including Taxes				₹ 0		₹ 0
	Total Cost (In Words) Including Taxes	<<To be entered manually...>>					

FORMAT 4E		OIOS Cloud Development Environment to PDC Migration Cost			
S No	Components Name	Unit	Total Cost (Excluding Taxes)	Taxes %	Total Cost (Inclusive of Taxes)
			A	B	$C = A + (A*B/100)$
<i>All Amount to be quoted in INR</i>					
A	Development environment Migration	Lumpsum			0
B	Network reconfiguration and connectivity with PDC	Lumpsum			0
<i>Row Intentionally left Blank</i>					
C	<i>Total Cost (In Numbers)</i>		₹ 0		₹ 0
	<i>Total Cost (In Words)</i> <i>Including Taxes</i>	<<To be entered manually...>>			

2.9.	Privilege Management of System Administrator (VMs, Physical Servers, Storage)	LIC / VM		0	0														₹ 0	₹ 0
2.10.	Database Activity Monitoring	License		0	0														₹ 0	₹ 0
2.11.	HSM	Number	1	0	0														₹ 0	₹ 0
2.12.	Anti-Virus –malware and Anti-Spam (for Server & System administration OS)	Subscription/Year		0	0														₹ 0	₹ 0
<i>Row Intentionally left Blank</i>																				
3.	Security Audit & VAPT																			
3.1.	Security and Implementation Audit	Job	1	0	0														₹ 0	₹ 0
3.2.	Vulnerability Assessment and Penetration Testing (VAPT)	Job	1	0	0														₹ 0	₹ 0
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4.	Backup Site 1/NLDC																			
4.1.	SAN (SAS based, 10TB usable capacity, expendable to 20TB usable)	Number	1	0	0														₹ 0	₹ 0
4.2.	UPS (To support above SAN, with 30 min power backup)	Number	1	0	0														₹ 0	₹ 0
<i>Row Intentionally left Blank</i>																				
5.	Lease line provisioning																			
5.1.	PDC to Backup Site 1/NLDC	Number	1	0	0														₹ 0	₹ 0
5.2.	PDC to NICNET Gateway 1	Number	1	0	0														₹ 0	₹ 0
<i>Row Intentionally left Blank</i>																				
6.	Data Center Rental costs	Quarter	6	0	0														₹ 0	₹ 0
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Total Cost (In Numbers)																			₹ 0	₹ 0
Total Cost (In Words) Including Taxes		<<To be entered manually...>>																		

FORMAT 5B		Track 3: Phase 2 - Setting Up of PDC																											
S No	Item	Proprietary / Open Source	Unit	Qty	Unit Rate	Total price (Excluding Taxes)	Tax %	Total price (Inclusive of Taxes)	Annual Technical Support (Excluding Taxes)							Total Cost of Ownership (Excluding Taxes)	Annual Technical Support (Inclusive of Taxes)							Total Cost of Ownership (Inclusive of Taxes)					
									Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7						
									Y1	Y2	Y3	Y4	Y5	Y6	Y7	G = C + Y1 + Y2 + Y3 + Y4 + Y5 + Y6 + Y7							YT1	YT2	YT3	YT4	YT5	YT6	YT7
<i>All Amount to be quoted in INR</i>																													
Hardware components																													
1.1.	Blade Servers with 2X16 cores		Number	7		0		0									₹ 0												₹ 0
<i>Row Intentionally left Blank</i>																													
Supporting Platform																													
2.1.	Operating system – Open source		Support			0		0									₹ 0												₹ 0
2.2.	Operating system - COTS		License/			0		0									₹ 0												₹ 0
2.3.	Virtualisation software		License/ CPU			0		0									₹ 0												₹ 0
<i>Row Intentionally left Blank</i>																													
3.	Core System Software Components																												
3.1.	Web server		Core	4		0		0									₹ 0												₹ 0
3.2.	Application Server		Core	4		0		0									₹ 0												₹ 0
3.3.	BPM Software		Core	4		0		0									₹ 0												₹ 0
3.4.	Document management system		Core	4		0		0									₹ 0												₹ 0
3.5.	Database – OIOS		Core	12		0		0									₹ 0												₹ 0
3.6.	Database security - OIOS		Core	12		0		0									₹ 0												₹ 0
3.7.	Database Administration Software Tool for DBA		User License	10		0		0									₹ 0												₹ 0
3.8.	GIS Server		Core	8		0		0									₹ 0												₹ 0
<i>Row Intentionally left Blank</i>																													
Total Cost (In Numbers) Including Taxes																	₹ 0												₹ 0
Total Cost (In Words) Including Taxes								<<To be entered manually...>>																					

FORMAT 5C			Track 3: Phase 2 - Setting Up of DRC																														
S No	Item	Proprietary / Open Source	Unit	Qty	Unit Rate	Total price (Excluding Taxes)	Tax %	Total price (Inclusive of Taxes)	Annual Technical Support (Excluding Taxes)							Total Cost of Ownership (Inclusive of Taxes)	Annual Technical Support (Inclusive of Taxes)							Total Cost of Ownership (Inclusive of Taxes)									
									Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7										
									Y1	Y2	Y3	Y4	Y5	Y6	Y7	G = C + Y1 + Y2 + Y3 + Y4 + Y5 + Y6 + Y7							YT1	YT2	YT3	YT4	YT5	YT6	YT7	F = E + YT1 + YT2 + YT3 + YT4 + YT5 + YT6 + YT7			
<i>All Amount to be quoted in INR</i>																																	
1. Hardware components																																	
1.1.	Blade server chassis		Number	1		0.00		0.00									₹ 0																₹ 0
1.2.	Blade Servers with 2X16 cores (Total 128 Cores)		Number	4		0.00		0.00									₹ 0																₹ 0
1.3.	KVM Switch		Number	2		0.00		0.00									₹ 0																₹ 0
1.4.	SAN storage 40 TB Usable		License/ Support	1		0.00		0.00									₹ 0																₹ 0
1.5.	Racks		Number			0.00		0.00									₹ 0																₹ 0
1.6.	SAN Switch 24 Port		Number	2		0.00		0.00									₹ 0																₹ 0
1.7.	Access switch 10G		Number	4		0.00		0.00									₹ 0																₹ 0
1.8.	Structured Cabling within DC (Cat 6 A)		Job	1		0.00		0.00									₹ 0																₹ 0
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2. Security																																	
2.1.	Firewall Next Generation with SSL VPN (2 GBPS cumulative)		Number	2		0		0									₹ 0																₹ 0
2.2.	IPS		No	2		0		0									₹ 0																₹ 0
2.3.	Application Security		Subscription/Year	2		0		0									₹ 0																₹ 0
2.4.	URL filtering		Subscription/Year	2		0		0									₹ 0																₹ 0
2.5.	Anti-APT Solution with sand-boxing		Subscription/Year	1		0		0									₹ 0																₹ 0
2.6.	Web application firewall		No	2		0		0									₹ 0																₹ 0
2.7.	DLP (System administrators console)		License			0		0									₹ 0																₹ 0
2.8.	HIPS		License			0		0									₹ 0																₹ 0
2.9.	Privilege Management of System Administrator (VMs, Physical Servers, Storage)		LIC / VM			0		0									₹ 0																₹ 0
2.10.	Database Activity Monitoring		License			0		0									₹ 0																₹ 0
2.11.	HSM		Number	1		0		0									₹ 0																₹ 0
2.12.	Anti-Virus –malware and Anti-Spam (for Server & System administration OS)		Subscription/Year			0		0									₹ 0																₹ 0
<i>Row Intentionally left Blank</i>																																	
3. Core System Software Components																																	
3.1.	Site Recovery Software		License/DR	1		0		0									₹ 0																₹ 0
3.2.	Web server		Core			0		0									₹ 0																₹ 0
3.3.	Application Server		Core			0		0									₹ 0																₹ 0
3.4.	BPM Software		Core			0		0									₹ 0																₹ 0
3.5.	Document management system		Core			0		0									₹ 0																₹ 0
3.6.	Database – OIOS		Core			0		0									₹ 0																₹ 0
3.7.	Database security - OIOS		Core			0		0									₹ 0																₹ 0
3.8.	Identity access and management		License			0		0									₹ 0																₹ 0
3.9.	GIS Server		Core			0		0									₹ 0																₹ 0
<i>Row Intentionally left Blank</i>																																	
4. Backup Site/NLDC																																	

4.1.	SAN (SAS based, 10TB usable capacity, expendable to 20TB usable)	Number	1	0	0														₹ 0	₹ 0
4.2.	UPS (To support above SAN, with 30 min power backup)	Number	1	0	0														₹ 0	₹ 0
<i>Row Intentionally left Blank</i>																				
5.	Lease line provisioning																			
5.1.	Leased line between PDC, DRC of 50 Mbps	Number	1	0	0														₹ 0	₹ 0
5.2.	DRC to Backup Site 2/NLDC	Number	1	0	0														₹ 0	₹ 0
5.3.	DRC to NICNET Gateway 2	Number	1	0	0														₹ 0	₹ 0
<i>Row Intentionally left Blank</i>																				
6.	DRC Rental Costs	Quarter	6	0	0														₹ 0	₹ 0
<i>Row Intentionally left Blank</i>																				
Total Cost (In Numbers)																			₹ 0	₹ 0
Total Cost (In Words)		<<To be entered manually...>>																		
Including Taxes																				

FORMAT 6A		Centralized Helpdesk Resource				
S No	Resource Type	Indicative Person Months	Cost Per resource Per Month (Excluding Taxes)	Total Cost (Excluding Taxes)	Tax %	Total Cost of Ownership (Including Taxes)
		A	B	C = A X B	D	E = C+(C*D/100)
1.	Application Support Manager	84		0		0
2.	Manager - L1 and L2	72		0		0
3.	Analyst - L1	168		0		0
4.	Analyst - L2	156		0		0
<i>Row Intentionally left Blank</i>						
	Total Cost (In Numbers) Including Taxes			₹ 0		₹ 0
	Total Cost (In Words) Including Taxes	<<To be entered manually...>>				

FORMAT 6B		Centralized Helpdesk Hardware & Software																						
S No	Item	Proprietary / Open Source	Unit	Qty	Unit Rate	Total price (Excluding Taxes)	Tax %	Total price (Inclusive of Taxes)	Annual Technical Support (Excluding Taxes)							Total Cost of Ownership (Excluding Taxes)	Annual Technical Support (Inclusive of Taxes)							Total Cost of Ownership (Inclusive of Taxes)
									Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	
									Y1	Y2	Y3	Y4	Y5	Y6	Y7		YT1	YT2	YT3	YT4	YT5	YT6	YT7	
<i>All Amount to be quoted in INR</i>																								
<i>Row Intentionally left Blank</i>																								
1	Helpdesk Hardware																							
1.1	Desktops/ Laptops		Number			0		0									₹ 0							
1.2	Headset		Number			0		0										₹ 0						
1.3	L3 Device		Number			0		0										₹ 0						
1.4	Softphone on laptop or desktop or Phone or IP Phone		Number			0		0										₹ 0						
1.5	PRI Lines		Number			0		0										₹ 0						
<i>Row Intentionally left Blank</i>																								
2	Helpdesk Software																							
2.1	Web based Application		License			0		0										₹ 0						
2.2	Automatic Call Distribution (ACD) and Call Manager		License			0		0										₹ 0						
2.3	Ticketing Solution		License			0		0										₹ 0						
2.4	IVR		License			0		0										₹ 0						
2.5	Computer Telephony Integration (CTI)		License			0		0										₹ 0						
2.6	Reporting		License			0		0										₹ 0						
<i>Row Intentionally left Blank</i>																								
Total Cost (In Numbers)																		₹ 0						
Total Cost (In Words)		<i><<To be entered manually...>></i>																						
Including Taxes																								

FORMAT 7		Training Cost (Inclusive of taxes)				
S No	Resource Type	Quantity/ Batch	Unit Cost Per training (Excluding Taxes)	Total Cost (Excluding Taxes)	Tax %	Total Cost of Ownership (Including Taxes)
		A	B	C = A X B	D	E = C+(C*D/100)
<i>All Amount to be quoted in INR</i>						
1.	Agile Methodology Training	2		0		0
2.	Toolchain Training	2		0		0
3.	Training on the functional help desk tool	3		0		0
4.	Application Training Phase 1	21		0		0
5.	Application Training Phase 2	21		0		0
6.	OIOS System Admin Training	3		0		0
7.	Designing of MIS Reports/ dashboards	21		0		0
8.	UAT Training Phase 1	9		0		0
9.	UAT Training Phase 2	18		0		0
<i>Row Intentionally left Blank</i>						
	Total Cost (In Numbers) Including Taxes					₹ 0
	Total Cost (In Words) Including Taxes	<<To be entered manually...>>				

FORMAT 8		Track 6: Operation and Maintenance Cost												
S No	Resource Type	Qty	Cost / Resource / year	Phase 1 Go-Live To Phase 2 Go-Live	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Total Cost (Excluding Taxes)	Tax %	Total Cost of Ownership (Including Taxes)
		A	B	C	Y1	Y2	Y3	Y4	Y5	Y6	Y7	D = C+Y1+Y2+Y3+Y4+Y5+Y6+Y7	E	F = D+(D*E/100)
<i>All Amount to be quoted in INR</i>														
1.	Operation & Maintenance													
1.1	Operations Manager	1										0		₹ 0
1.2	Application Support Engineer	1										0		₹ 0
1.3	Developer/Sr. Developer	2										0		₹ 0
1.4	Tester	1										0		₹ 0
1.5	Database administrator	2										0		₹ 0
1.6	System Administrator	2										0		₹ 0
1.7	Infrastructure Manager	1										0		₹ 0
1.8	Analyst – BCP and DR	3										0		₹ 0
<i>Row Intentionally left Blank</i>														
2.	Security Administration													
2.1	Security Manager	1										0		₹ 0
2.2	Analyst (Application & Database Security)	3										0		₹ 0
<i>Row Intentionally left Blank</i>														
Total Cost (In Numbers) Including Taxes												₹ 0		₹ 0
Total Cost (In Words) Including Taxes		<i><<To be entered manually...>></i>												