Corrigendum-cum-Clarification

Request for Proposal Selection of Implementation Agency for Integrated Land Administration System (ILAS) in Punjab

Date 09 September 2016

Sr. No.	Firm/ Company	Clause No. & Section	Reference/Existing Clause / Subject	Clarification Sought	Change Category (Addition/ Deletion/ Modification/ Clarification/ No Change)	Response/Revised Clause
1.	VFS Global	General		We request that manpower outsourcing of SRO staff required for operation may be allowed fulfilling all compliances including minimum wages. As the project has a pre-defined 5 years duration, it is not feasible to hire the entire manpower at our own roll on perpetual basis	Clarification	Please adhere to the RFP.
2.	VFS Global	General		With reference to the corrigendum issued on 19th August 2016 wherein some data entry work has been removed from the scope of work. Still some ambiguities are there with respect to Registration of Deed & submission of Unit Rates.	Clarification	Please refer to this document.
3.	VFS Global	Annexure 3.3.3:/ Page 131-141	**Annexure 3.3.3:** Detailed Commercial Bid covering CAPEX and OPEX	i. Please clarify whether as part of commercial bid, only Unit rates have to be submitted or the complete gross cost need to be submitted. ii. As per given format (as Annexure K & L in corrigendum), only Unit	Clarification	i. It is to clarify that as per the format given the commercial bid, bidder shall provide both - total cost and unit rates in the give format. ii. In the said table, IA shall

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				Rates have been asked? iii. Please provide the proper format in case total Refurbishment cost & data digitisation/ data entry/ scanning cost has to be submitted with commercial bid. iv. We request that all uniform commercial formats may please be shared as one complete set to avoid any ambiguity & misunderstanding. v. Further as per Annexure 3.3.3, numbering of annexures is starting from c. Software Cost (Core and Others). Annexure a and b are missing.		provide the unit rate while in Commercial Components – CAPEX, IA shall provide the complete cost. iii. Please refer to this document. iv. Please refer to this document. v. Please refer to this document.
4.	VFS Global	4.8.7/ Page 179	**Audio video recording system** IA shall provide an audio video recording system setup in SR cabin to record the audio video especially in the case of registration of will. The recording shall be properly indexed by the system and stored in the centralized database for easy retrieval.	Please clarify the following points:- i. Whether the audio video recording required in all three SRO cabins? ii. Please provide the specification as no specification is available in the RFP.	Clarification	i. It is to clarify that Audio video recording system is required in case of "Registration of will". A good quality digital/video camera may be used in this regard. Minimum one camera per SRO is required. Camera should be handy so that officer can visit the field along with camera to capture the "Will" of a citizen who is unable to come at SR office.

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						ii. IA shall meet the business requirement regarding the capturing the "registration of will". Video camera should be compatible with major formats available in market.
5.	VFS Global	4.20.4.C/ Page 234	**Pre-Presentation Counter:** 6. To capture the Photographs of the Party. 7. To capture the Biometrics/Thumb impressions of the Party.	Please clarify the following ambiguities:- i. AS per our understanding there are 3, 2, &1 SR cabins are required in CAT-A, B & C respectively. Whether all cabins to be fully equipped with all infrastructure required? Please provide the list of infrastructure required in SR cabin to avoid any misunderstanding.	Clarification	It is to clarify that there are 3, 2, &1 SR cabins required in Category A, B and C and all the cabins should be fully equipped with all required infrastructures. Whereas, Pre-Presentation Counter will be 4, 2, 1 for Category A, B and C, which shall be equipped with all infrastructure required to capture photographs and Biometrics/Thumb impressions of the Party.
6.	VFS Global	4.20.4.D/ Page 234	**Presentation at SR:** 4. If SR approves, the Operator will take the print out of the Endorsement (which will contain the captured Photographs and Thumb impressions of the Party including the Digital signature of SR and system generated Unique Registration	ii. Whether photograph shall be captured at Pre-presentation counter or only at SR cabin? iii. Whether Citizen Biometrics shall be captured at Pre-Presentation counter or only at SR cabin?	Clarification	It is to clarify that photograph and Biometrics/Thumb impressions of the Party shall be captured at Pre-Presentation Counter. Further, at the time of Presentation at SR, if SR approves, the data entry operator (in SR cabin) will take the print out of the Endorsement (which will

Sr. No.	Firm/ Comp any	Clause No. & Section	Reference/Existing Clause / Subject	Clarification Sought	Change Category (Addition/ Deletion/ Modification/ Clarification/ No Change)	Response/Revised Clause
			Number).			contain the captured Photographs and Thumb impressions of the Party including the Digital Signature of SR and system generated Unique Registration Number).
7.	VFS Global	1.34 / Page 82 & Point no 4 of Corrigendum Dated 19.07.2016	**Liquidated Damages and Penalty** Liquidated Damages (LD) and Penalty shall not exceed than 15% of the Total Project Value and 15% in each particular CAPEX Component on which LD to be levied individually and cumulatively'. The penalty shall not exceed than 15% of the Total Project Value.	15% cap on liquidated damages & penalty is too high from bid submission viability purpose. We request that the overall cap for liquidated damages & penalty should not be more than 5% of the Total Active Project Value.	Clarification	Please adhere to the RFP.
8.	VFS Global	3.3.3.1.g/ Page 137 & 2.21 / Page 66	**g.** Components during delivery of services at Category A and B sites from 4th Month to 12th Month from the date of award of contract till Go live & **2.21 Payment Schedule**	i. Please clarify in which of the Component (payment schedule as given in clause 2.21) this cost shall be added to make it as part of CAPEX payment. ii. Under which component the payment shall be released. This component has not been mapped anywhere in the payment schedule.	Clarification	Please refer to this document.

Sr. No.	Firm/ Comp any	Clause No. & Section	Reference/Existing Clause / Subject	Clarification Sought	Change Category (Addition/ Deletion/ Modification/ Clarification/ No Change)	Response/Revised Clause
9.	VFS Global	5.3.7/ Page 283	**5.3.7 Training Feedback**	We request to de-link training penalty from CAPEX. Penalty should be imposed only on training cost & not on CAPEX cost.	Clarification	Please adhere to the RFP.
10.	VFS Global	4.7.1.1/ Page 170	The system shall have the provision of generating MIS report of the Jamabandi for Daur period. IA should provision for providing printouts of the same to the purchaser.	We understand that this activity involve bulk printing of Jamabandi on pre-printed stationary. We request that detail for the same may please be provided such size & specification of paper, no of pages to be printed, number of copies required. Whether Purchaser will provide the pre-printed stationary for the	Clarification	It is to clarify that IA should visit some SR offices and take the inputs from there. At least one hard copy of each Jamabandi for Daur period to be provided by the IA.
11.	VFS Global	4.10.9/ Page 187	**Services through Fard Kendras** Presently, Fards are being delivered through Fard Kendras. IA shall provide IT and Non-IT hardware at fard Kendra and Purchaser shall provide manpower to manage the Fard Kendra across the State.	We understand that IA will only supply the IT & Non-IT infrastructure at FARD Kendras with standard product warranty Post supply, the maintenance of the same is not in the scope of IA.	Clarification	It is to clarify that all the provided system shall be with minimum of **3 years** of warranty from the OEM post installation of the hardware at fard kendra.
12.	VFS Global	2.4/ Page 114 of Annexure	**Indicative Counters and Infrastructure** 4 Photocopy Machine	AS per RFP, there is no requirement of Photocopy Machine however as per Annexure, it is required. Please clarify	Clarification	It is to clarify that IA shall provide one photocopier machine at Category A SR offices with minimum capability of capturing A4, legal and A3 size papers.

Sr. No.	Firm/ Company	Clause No. & Section	Reference/Existing Clause / Subject	Clarification Sought	Change Category (Addition/ Deletion/ Modification/ Clarification/ No Change)	Response/Revised Clause
13.		Point No 1 ,2 & 3/ page 1 of corrigendum dated 19th August 2016	i. IA shall digitize (scanning and indexing only) Mutation register data for all the 13000 villages (approx.) from April 2000 till date which are available in either English or Punjabi language. ii. IA shall digitize (scanning and indexing only) Khasra Girdawari data for all the 13000 villages (approx.) for the last 5 years from the year of contract award iii. IA shall do the Data Entry & Scanning of Jamabandi register for the pending 500 urban villages (approx.). IA shall also digitize any pending villages out of remaining 12500 villages (approx.) whose Data Entry & Scanning is not complete.	With reference to these two different clauses, please not that :- 1. As per corrigendum dated 19th August 2016:- • Data Entry for Mutation Register & Khasra Girdwari is not required & only scanning is required • Date Entry & Scanning for Jamabandi register is required only for 500 villages or for any pending village. 2. As per corrigendum dated 05th August 2016, rates for Data Entry of Land record registers as well as Digitization of Registration Deeds has been asked. *Please clarify the following points to avoid any ambiguity as magnitude of records is high and any price miscalculation will have huge financial impact on either side:-* • Whether Data Entry of Registration Deeds (7068143 no) required to be done by IA or not?	Clarification	1. It is to clarify that: • Yes, Data Entry for Mutation Register & Khasra Girdwari is not required & only scanning & Indexing are required • Yes, Data Entry & Scanning for Jamabandi register is required only for 500 villages and for any pending village. 2. It is to clarify that scanning and indexing are required to be done of Land record registers as well as Registration Deeds. Please refer point no. 3 of this document.
14.		Annexure B / Page 11 of Corrigendum dated 05th August 2016	L. Unit rate for data digitisation/ data entry/ scanning:			It is to clarify that: • Only scanning & indexing are required to be done of Registration deeds • Please refer point no.3 of this document • Please adhere to the RFP.

Sr. No.	Firm/ Company	Clause No. & Section	Reference/Existing Clause / Subject	Clarification Sought	Change Category (Addition/ Deletion/ Modification/ Clarification/ No Change)	Response/Revised Clause
				• Please revise the Annexure L (i.e. Unit rate for data digitisation/ data entry/ scanning) accordingly in order to comply the Bid response in line with requirement. • Please confirm the maximum number of Searchable keywords required in scanning of Registration Deed as well as Land Record Registers as it has direct impact on pricing		
15.	IL&FS	Corrigendum_ILAS_dated 5/8/2016 Point No. 1 - Annexure - 5.2 RFP Minimum Mandatory Salary Page No. 255	IA shall ensure the compliance with all the labour law of the State including that for the minimum wages for the salary of all staff working for the project directly or indirectly.	We request you to please amend the clause as under :-IA shall ensure the compliance with all the labour law of the State including that for the minimum wages for the salary of all staff working for the project directly or indirectly. However in case of abnormal or extra ordinary hike in the minimum wages by State during project duration (say more than 8% per annum) than the difference in the minimum wages hike over and above 8% shall be compensated to	Modification/Clarification	IA shall ensure the compliance with all the labour law of the State including that for the minimum wages for the salary of all SRO staff working for the project directly or indirectly. However in case of abnormal or extra ordinary hike in the minimum wages by State during project duration

Sr. No.	Firm/ Comp any	Clause No. & Section	Reference/Existing Clause / Subject	Clarification Sought	Change Category (Addition/ Deletion/ Modification/ Clarification/ No Change)	Response/Revised Clause
				IA after taking approval from competent authority.		(say more than 10% per annum) than IA shall initiate the Change Request for the one time difference in the minimum wages hike over and above 10% for compensation. The IA shall be compensated accordingly after taking approval from competent authority.
16.	VFS	Annexure 3.3.2: Breakdown of Service Cost	1. Commercial Components – CAPEX 2. Commercial Components OPEX 3. Total Contract Value Total Contract Value is the sum of Total CAPEX (Inclusive of all taxes) and Total OPEX (inclusive of all taxes) OR Total Contract Value = Total CAPEX (Inclusive of all taxes) + Total OPEX (inclusive of all taxes) Total Contract Value (in Words)		Modification/Clarific ation	1. The revised format of Commercial Components – CAPEX may be referred in Annexure A of this document 2. The revised format of Commercial Components -OPEX may be referred in Annexure A of this document 3. "Total Contract value" may be read in point no. 3 of Annexure A of this document

Sr. No.	Firm/ Company	Clause No. & Section	Reference/Existing Clause / Subject	Clarification Sought	Change Category (Addition/ Deletion/ Modification/ Clarification/ No Change)	Response/Revised Clause
			= _____ –			
17.	VFS	3.3.3.1 CAPEX Details	CAPEX Formats detail		Modification/Clarification	The revised formats for CAPEX details mentioned in the section 3.3.3.1 of the RFP, may be referred in Annexure B of this document
18.	VFS	3.3.3.2 OPEX Details	OPEX Formats detail		Modification/Clarification	The revised formats for OPEX details mentioned in the section 3.3.3.2 of the RFP, may be referred in Annexure C of this document
19.	VFS	General	NPV in OPEX cost		Modification/Clarification	It is to clarify that actual pay-out to bidder will be Total OPEX (inclusive of taxes as applicable) without considering the NPV and for the selection of IA, NPV on OPEX will be used.

Sr. No.	Firm/ Comp any	Clause No. & Section	Reference/Existing Clause / Subject	Clarification Sought	Change Category (Addition/ Deletion/ Modification/ Clarification/ No Change)	Response/Revised Clause
20.	VFS	Technical Requirement Specification of Annexure document	Photocopy		Addition	IA shall provide one photocopier machine at each SRO of category A. Please refer the Annexure D for Technical Requirement Specification of Photocopier Machine

Annexure A

A. Commercial Components – CAPEX (Cost in INR)

Component	Description	Total Price	Taxes	Total Price including Taxes
Component A	Application Development, Testing, deployment and commissioning cost including Buy-outs			
	Operational Component's cost before go-live period at Category A and Category B sites			
Component B1	IT Infrastructure at the Category A locations including site preparation			
Component B2	IT Infrastructure at the Category B locations including site preparation			
Component B3	IT Infrastructure at the Category C locations including site preparation			
Component C	Cloud Infrastructure for DC/DR/NLDC – Till go-live			
Component D1	o Data Migration including data entry of Master data & entry of data required for integration of Land records & Registration Software's o Data entry and scanning for registration from year 2010 till present o Scanning & Drafting/Digitization of Musavis Maps			
Component D2	Data entry & scanning of registration data from 2000 to 2010			
Component E	Capacity Building and Training			
Component F	IT and Non IT infrastructure at 172 Fard Kendra			
Total CAPEX				

B. Commercial Components OPEX (Cost in INR)

Sr. No.	Description	Total Price	Taxes	Total Price including Taxes	Total price considering NPV
Component 1	Handholding and Manpower Support at Implementation Locations				
Component 2	Application Maintenance & Operational Expense including up gradation, deployment of patches, fixes etc. after go-Live				
Component 3	AMC for Hardware (IT & Non-IT hardware)				
Component 4	Cloud Infrastructure for DC/DR/NLDC – Post Go-live				
Taxes as applicable					
Total OPEX					

C. Total Contract Value for evaluation only

Total Contract Value is the sum of Total CAPEX (Inclusive of all taxes) and Total OPEX Price (INR) considering NPV OR

Total Contract Value = Total CAPEX (Inclusive of all taxes) + Total OPEX (inclusive of all taxes) Considering NPV

Total Contract Value (in Words) = _____

Annexure B

A. Software Cost (Core and Others) (Cost in INR)

Sr. No.	Software/ Modules/ Components	Technology used (in case of COTS)/ to be used (New development)	Cost	Taxes	Total Cost (With taxes)	Remarks
Core Software						
1.	Registration Module					
2.	Circle Rate due diligence					
3.	Online Appointment Module					
4.	Rent registration					
5.	Marriage registration					
6.	Rent registration					
7.	Land record module					
8.	Mutation module					
9.	Integration of registration and land records					
10.	Nakal Jamabandi					
11.	Other Nakals (Khasra Girdawari, Shajra Nasb, Field Book, Rapat etc.)					
12.	Nakal Mutation Module					
13.	Nakal of Map Module					

Sr. No.	Software/ Modules/ Components	Technology used (in case of COTS)/ to be used (New development)	Cost	Taxes	Total Cost (With taxes)	Remarks
14.	Non-encumbrance certificate Module					
Total Core Software Cost						
Sr. No.	Software/ Modules/ Components	Technology used (in case of COTS)/ to be used (New development)	Cost	Taxes	Total Cost (With taxes)	Remarks
Other Software (Mentioned in the Scope of Work)						
1.	Portal Development					
2.	Integration with third party application/software					
3.	GIS module					
4.	Enterprise workflow management					
5.	Document management system					
6.	e-Office module					
7.	Antivirus solution					
8.	SLA monitoring tool					
9.	Common Software Requirements					
10.	Security requirements					
11.	MIS reporting tool					
12.	Ad-reporting tool					
13.	Enterprise management solution					
14.	Mobile app for Department users					
15.	Mobile app for citizen					
16.	Invoice and Payment					

Sr. No.	Software/ Modules/ Components	Technology used (in case of COTS)/ to be used (New development)	Cost	Taxes	Total Cost (With taxes)	Remarks
	module					
17.	Knowledge management system					
18.	Revenue/court modules					
19.	Database security					
Sr. No.	**Software/ Modules/ Components**	**Technology used (in case of COTS)/ to be used (New development)**	**Cost**	**Taxes**	**Total Cost (With taxes)**	**Remarks**
Other Software (Mentioned in the Scope of Work)						
20.	Identity access management tool					
21.	Web access management tool					
22.	Error detection and error correction					
23.	Admin Module					
24.	Managed Services					
25.	Others 1					
26.	Others 2					
27.	Others 3					
28.	Others 4					
29.	Others 5					
Total Core Software Cost						

B. DC/ DR/ NLDC (IT & Non-IT Hardware) Till Go-live (Cost In INR)

Item	Total Quantity Required in VMs (A)	Cost/Rent per Unit (B)	Total Taxes (C)	Total Cost = (A * B)+C

Item	Total Quantity Required in VMs (A)	Cost/Rent per Unit (B)	Total Taxes (C)	Total Cost = (A * B)+C
Application Severs (Quantity in VMs)				
Data Base Servers (Quantity in VMs)				
Testing Servers (Quantity in VMs)				
Antivirus Servers (Quantity in VMs)				
Backup Servers (Quantity in VMs)				
Security equipment (Quantity in Number)				
Load balancers (Quantity in Number)				
Storage (Quantity in TB)				
Any other equipment				
Software				
RDBMS (No. of Cores)				
Development tool kits (Quantity in Number)				
Security tool kits (Quantity in Number)				
EMS (Quantity in Number of Licenses)				
SSL (Quantity in Number of Licenses)				
Any other				

Bandwidth			
Bandwidth for 100 MBPS			
Total			

C. Setting up of SR offices, CR Offices and Other offices (IT & Non-IT Hardware etc.)

i. IT hardware at SR Offices (Cost in INR)

Item	OEM - Make/Version	Operating System (if applicable)	Software Make / Version	Configuration Proposed	No. of units				No. of Licenses	Unit Cost	Total Cost	Total Taxes	Total Cost (with taxes)
					Cat A SRO	Cat B SRO	Cat C SRO	Any other location					
Total Cost													

ii. Non-IT hardware at SR Office (Cost in INR)

Item	OEM - Make/Version	Certification/ Standards	Dimensions	Other Details	No. of units				No. of units	Unit Cost	Total Cost	Total Taxes	Total Cost (With Taxes)
					Cat A SRO	Cat B SRO	Cat C SRO	Any other location					

Total Cost											

D. ICT Infrastructure Installation & Configuration Cost (Cost in INR)

Sr. No.	Sites/ Locations	Total Cost	Total Taxes	Total Cost (including taxes)	Remarks
1	SR offices/ CR Offices				
2	DC				
3	DR				
4	NLDC				
5	Others offices/Locations				
Total					

E. Components during delivery of services at Category A and B sites from 4th Month to 12th Month from the date of award of contract till Go live (Cost in INR)

Sr. No.	Components	Details of the component	No. of units			Total No. of unit	Unit Cost	Total Cost	Total Taxes	Total Cost (Including taxes)
			Cat A SRO	Cat B SRO	DC/ NLDC/ DR site (If applicable)					
Manpower										
	Operator									
	Receptionist									
	Server Administration									
	…									

Bandwidth Charges/ Networking										

Consumable – Stationary etc.										
Sr. No.	Components	Details of the component	No. of units	Total No. of unit	Unit Cost	Total Cost	Total Taxes	Total Cost (Including taxes)	Sr. No.	Components
			Cat A SRO	Cat B SRO	DC/ NLDC/ DR site (If applicable)					

SMS gateway/ Payment Gateway										

Others (including contingency, Travelling etc.)										
Total										

F. Training & Change Management Cost (Cost in INR)

Sr. No.	Training Type	Target no. of audience	Duration of training	Unit Cost	Total Cost	Total Taxes	Total Cost (including Taxes)

	Role Based Training						
	…						
	…						
	…						
	…						
Total							

G. Data Digitization/Scanning/indexing/data entry Cost (Cost in INR)

Sr. No.	Record Type	No. of records	Unit Cost	Total Cost	Total Taxes	Total Cost (Including Taxes)
Total						

H. IT and Non IT infrastructure at 172 Fard Kendra

  i. IT hardware at Fard Kendra (Cost in INR)

Item	OEM - Make/Version	Operating System (if applicable)	Software Make / Version	Configuration Proposed	No. of units	No. of Licenses	Unit Cost	Total Cost	Total Taxes	Total Cost (Including Taxes)

Total Cost										

ii.   **Non-IT hardware at Fard Kendra (Cost in INR)**

Item	OEM - Make/Version	Certification/ Standards	Dimensions	Other Details	No. of units	No. of units	Unit Cost	Total Cost	Total Taxes	Total Cost (Including Taxes)
Total Cost										

I. Unit cost for civil component of the SR offices (Cost in INR)

Sr. No.	Components	Cost/ Rate	Taxes (If applicable)	Total cost including taxes	Remarks
1	**Civil Work**				
	o Flooring (per square feet rate)				
	o False Ceiling (per square feet cost)				
	o Door (per unit cost)				
	o Windows (per unit cost)				
	o Painting (per square feet cost)				
	o Bricks work (per square feet cost)				
	o Plaster / RCC Works (per square feet cost)				

Sr. No.	Components	Cost/ Rate	Taxes (If applicable)	Total cost including taxes	Remarks
	o General Repair work (per square feet cost)				
	o Other (Please mention)				
	o ……				
2	**Public Health**				
	o Sanitary Fixtures (per SRO cost)				
	o Soil, Waste and Vent Pipes (per SRO cost)				
	o Water Supply (per SRO Cost)				
	o Other (Please mention)				
	o …..				
3	**Furniture (per unit cost)**				
	o Green Workstation Chair				
	o Green High Back Revolving Chair				
	o Green & Ergonomic visitor Chair				
	o Three Seater Steel bench with arms Antibacterial coating				
	o Three seater lounge sofa				
	o Two Seater Lounge Sofa				
	o Centre Table				
	o Corner Table				

Sr. No.	Components	Cost/ Rate	Taxes (If applicable)	Total cost including taxes	Remarks
	o Individual Storages of Height 1167mm				
	o Green Workstations for Back Office (set of 11)				
	o Operator Stations Cubicle (set of 4)				
	o Reception / Token counters (set of 4)				
	o Green Registrar table				
	o Scanning counter				
	o Fees Verification counter				
	o Other (Please mention)				
	o …..				
4	**Electrical**				
	o Wiring (Per feet rate)				
	o MCCB, MCB & DB'S (Per SRO rate)				
	o Cable Trays (Per SRO rate)				
	o Earthing (Per SRO rate)				
	o MV Cables Laying & Termination (Per SRO rate)				
	o Supply of Cables & Fixtures (per SRO rate)				
	o Fire Alarm System				

Sr. No.	Components	Cost/ Rate	Taxes (If applicable)	Total cost including taxes	Remarks
	(per SRO rate)				
	○ P.A. & C.C.T.V. System (per SRO rate)				
	○ Other (Please mention)				
	○ ….				
5	**Other (if any)**				
	○				
	○				

J. Unit rate for Data Digitisation/ Data Entry/ Scanning (Cost in INR)

Sr. No.	Records	Unit rate	Taxes (If applicable)	Total including taxes	Remarks
1	Scanning & Indexing of Registration Deeds				
2	Scanning and Digitization of Cadastral Map				
3	Digitization of GIS Layers from Satellite Image for Entire Punjab State				
4	Scanning & Indexing of Stay Orders and Notices				
5	Data Entry of Circle Rates (Current Year) for each khasra of the State of Punjab				
6	Scanning and Indexing of Land record Registers (including Roznamcha waqiati, Mutation register, Khasra Girdwari, field book etc.)				

Sr. No.	Records	Unit rate	Taxes (If applicable)	Total including taxes	Remarks
7	Data Entry, Scanning and Indexing of Pending Jamabandi of urban villages (approx. 500 villages) and any pending villages out of remaining 12500 villages (approx.) whose Data Entry & Scanning is not complete.				
8	Creation of Musavis / Village Maps from Field Book and other sources				
9	Others (Please mention)				

Annexure C

A. Handholding and Manpower Support at Implementation Locations (Cost in INR)

Sr. no.	Year	No. of resources (A)	No. of man Months (B)	Unit Cost (C)	Total Cost (D=BXC)	Total Taxes (E)	Total including taxes (F = D+E)	NPV (G)
1	Year 1							
2	Year 2							
3	Year 3							
4	Year 4							
5	Year 5							
Total NPV								

B. Application Maintenance & Operational Expense including up gradation, deployment of patches, fixes etc. Post Go-Live (Cost in INR)

Sr. no.	Year	Cost per year (A)	Total Taxes (B)	Total including taxes (C=A+B)	NPV (D)
1	Year 1				
2	Year 2				
3	Year 3				
4	Year 4				
5	Year 5				
Total					

C. AMC for Hardware (IT & Non-IT hardware) (Cost in INR)

Sr. no.	Year	Cost per year (A)	Total Taxes (B)	Total including taxes (C=A+B)	NPV (D)
1	Year 1				
2	Year 2				
3	Year 3				
4	Year 4				
5	Year 5				
Total					

D. AMC for Cloud infrastructure for DC/DR/NLDC – Post Go-live

Sr. no.	Year	Cost per year (A)	Total Taxes (B)	Total including taxes (C=A+B)	NPV (D)
1	Year 1				
2	Year 2				
3	Year 3				
4	Year 4				
5	Year 5				
Total					

Witness: Bidder:

Signature   -----------------------   **Signature**   -----------------------

Name   -----------------------   **Name**   -----------------------

Address   -----------------------   **Designation**   -----------------------

                                        Company   -----------------------

Date   -----------------------   **Date**   -----------------------

E. Details of cloud infrastructure (public cloud) - Post Go-live

Item	Total Quantity Required in VMs (A)	Cost per Unit (In Rupees) (B)	Taxes (C)	Total Cost (In Rupees) (A * B)+C
Application Severs (Quantity in VMs)				
Data Base Servers (Quantity in VMs)				
Testing Servers (Quantity in VMs)				
Antivirus Servers (Quantity in VMs)				
Backup Servers (Quantity in VMs)				
Security equipment (Quantity in Number)				
Load balancers (Quantity in Number)				
Storage (Quantity in TB)				
Any other equipment				
Software				
RDBMS (No. of Cores)				
Development tool kits (Quantity in Number)				
Security tool kits (Quantity in Number)				
EMS (Quantity in Number of Licenses)				
SSL (Quantity in Number of Licenses)				
Any other				

Item	Total Quantity Required in VMs (A)	Cost per Unit (In Rupees) (B)	Taxes (C)	Total Cost (In Rupees) (A * B)+C
Bandwidth				
Bandwidth for 100 MBPS				
Total				

Witness: Bidder:

Signature   -----------------------   **Signature**   -----------------------

Name   -----------------------   **Name**   -----------------------

Address   -----------------------   **Designation** -----------------------

                                                              Company   -----------------------

Date   -----------------------   **Date**   -----------------------

Annexure D

Technical Requirement Specification of Photocopier machine:

Requirement ID	Item	Requirement Description
PHC001	Paper Capacity	250 Sheets x 2 Trays; minimum 50-Sheet Bypass Tray
PHC002	Networking, Type	Yes, Ethernet 10 Base T /100 Base TX
PHC003	Multi-tasking support	required
PHC004	Power Consumption	Maximum 1800 watt
PHC005	Supported Protocol	TCP/IP(IPv4/IPv6), NetBEUI,LPD;RAW;SMTP;POP3;FTP;SMB;LDAP; NTLM,SNMP(V1/V3);HTTP(S)IPP;IPP over SSL; WSD(Print /Scan)
PHC006	Copy paper size	A3/A4/A5-R
PHC007	Copying resolution	600 X 600 dpi
PHC008	Out put	Duplex
PHC009	Network Printing	Yes
PHC0010	Print Cartridge	Black
PHC0011	Scanning capability	Yes, with 600 – 600 dpi resolution