

ADDENDUM/CORRIGENDUM FOR THE SMART CARD DL/RC PROJECT TENDER DOCUMENT

S No	Tender Clause	Existing		To Be Read As		
1.	SECTION I	4	Earnest Money Deposit	Rs. 10 lakhs	4 Earnest Money Deposit Rs. 25 lakhs	
2.	SECTION II. 1.	BACKGROUND The Transport Department enforces and administers the provisions of The Motor Vehicles Act, 1988, Central Motor Vehicles Rules, 1989, TamilNadu Motor Vehicles Rules, 1989, TamilNadu Motor Vehicles Taxation Act, 1974, TamilNadu Motor Vehicles Rules, 1974, and several other related minor Acts and Regulations.			BACKGROUND The Transport Department enforces and administers the provisions of The Motor Vehicles Act, 1988, Central Motor Vehicles Rules, 1989, TamilNadu Motor Vehicles Rules, 1989, TamilNadu Motor Vehicles Taxation Act, 1974, TamilNadu Motor Vehicles Taxation Rules, 1974 , and several other related minor Acts and Regulations.	
3.	2.(a)	Specimen copies of the application for Driving Licence in Form 4 and application for renewal in Form 9, as per Motor Vehicles Act 1988 and Rules made there under are given in Annexures 22 and 23.			Specimen copies of the application for Driving Licence in Form 4 and application for renewal in Form 9, as per Motor Vehicles Act 1988 and Rules made there under are given in Annexures 23 and 22, respectively.	
4.	5.	List of Annexures- xiii. Technical Consultant (Annexure-14)			List of Annexures- xiii. Technical Support Engineer (Annexure-14)	
5.	8.ii.	Documents comprising the Bids The Bids prepared by the Bidders shall include the following components. Earnest Money Deposit furnished. Samples of the printed cards (5 copies each) as per the specifications in Annexure 3 of the tender documents. Documentary evidence of constitution of firm such as Memorandum and Articles of Association, Partnership Deed, etc., with details of Name, Address, Telephone Number, Fax Number, E-Mail Address of the Bidder firm and of its Managing Director/ Partner/ Proprietor dealing with the Bid.			Documents comprising the Bids The Bids prepared by the Bidders shall include the following documents. (i) Earnest Money Deposit furnished. (ii) SCOSTA certificate issued by NIC in its own name, for 64KB smart cards (manufactured from its manufacturing unit in India). (iii) 5 Nos of the Samples of the SCOSTA certified smart cards as per the specifications in Annexure 3 of the tender documents. Any sample print layout may be used by the Bidder for the sample cards. (iv) Documentary evidence of constitution of firm such as Memorandum and Articles of Association, Partnership Deed, etc., with details of Name, Address, Telephone Number, Fax Number, E-Mail Address of the Bidder firm and of its Managing Director/ Partner/ Proprietor dealing with the Bid.	

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6.	12.(i).	<p>1. The Bidder/ any one of the partner in case of a Consortium should have a valid SCOSTA certificate in its own name, issued by NIC, for 64 KB contact based smart cards manufactured from its manufacturing plant situated within the geographical boundaries of India. [A valid SCOSTA Certificate issued by NIC in its own name should be submitted before the date of opening of price Bids.]</p> <p>2. This smart card manufacturing facility should have been in operation for at least one year with reference to the tender opening date. The manufacturing facility should include Security Printing, Lamination and Embedding; and should be a highly secured facility certified by VISA or MASTER CARD.</p>	<p>1. The Bidder/ any one of the partner in case of a Consortium should have a valid SCOSTA certificate in its own name on the date of opening of Technical bid, issued by NIC, for 64 KB contact based smart cards manufactured from its manufacturing plant situated within the geographical boundaries of India.</p> <p>2. Samples of SCOSTA certified smart cards (5 copies each) as per the specifications in Annexure 3 of the Tender Documents. Any sample print layout may be used by the Bidder.</p> <p>3. This smart card manufacturing facility should have been in operation for at least one year with reference to the tender opening date. The manufacturing facility should include Security Printing, Lamination and Embedding; and should be a highly secured facility certified by VISA or MASTER CARD.</p>
7.	12.(i).3.	The Bidder/ all the members of the Consortium should have positive net worth , for the last three financial years (2007-08, 2008-09, 2009-10).	The Bidder/ any one of the partner in case of Consortium should have a minimum positive net worth of Rs. 10 Crores as on 31.03.2010.
8.	12.(i).4	The Bidder/ any one of the partner in case of Consortium should have a minimum turnover of Rs. 25 Crores in any one of the last three financial years. i.e., 2007-08, 2008-09, 2009-10.	The Bidder/ any one of the partner in case of Consortium should have an average turnover of Rs. 25 Crores during the last three financial years. i.e., 2007-08, 2008-09, 2009-10.

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9.	12.(i).	<p>8. The Bidder/ all the members of a Consortium should possess their latest/current Income Tax Clearance Certificates or Certificates by Chartered Accountants for having duly filed the return to the Income Tax Department. The Bidder should also give a detailed work plan and methodology for implementation of the SCOSTA based Smart Card.</p> <p>9. To verify the security facilities in the plant, production capacity etc.</p> <ul style="list-style-type: none"> • After technical evaluation of Bids a committee constituted for the purpose of site visits, will visit the sites of the technically responsive Bidders. • The technically responsive Bidders should give detailed Technical presentations on the project execution plan as per Annexure-17. <p>After site visit and technical presentations, the price Bids of the technically responsive Bidders will be opened.</p>	<p>8. The Bidder should submit a detailed Execution Plan for implementation of the SCOSTA based DL/RC project and technical presentation should be provided after the opening of Technical Bid.</p> <p>9. To verify the security facilities in the plant, production capacity etc.</p> <ul style="list-style-type: none"> • After technical evaluation of Bids a committee constituted for the purpose of visiting the Smart Card Manufacturing Plant, will visit the Smart Card Manufacturing Plant of the technically responsive Bidders. • The technically responsive Bidders should give detailed Technical presentations on the project execution plan as per Annexure-17. <p>After visit of Smart Card Manufacturing Plant and technical presentations, the price Bids of the technically responsive Bidders will be opened.</p>
10.	13	<p>Earnest Money Deposit</p> <p>The Bidder shall furnish as part of its Bid, Earnest Money Deposit of Rs. 10 Lakhs.</p> <p>The Earnest Money Deposit is required to protect the Department against the risk of Bidders' conduct which would warrant forfeiture of the Earnest Money Deposits.</p>	<p>Earnest Money Deposit</p> <p>The Bidder shall furnish as part of its Bid, Earnest Money Deposit of Rs. 25 Lakhs.</p> <p>The Earnest Money Deposit is required to protect the Department against the risk of Bidders' conduct which would warrant forfeiture of the Earnest Money Deposits.</p>

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11.	24	<p>Evaluation and Comparison of Bids. The Department shall constitute a Technical Evaluation Committee and a Price Evaluation Committee especially for this Tender. The Technical Committee will evaluate the Technical Bids, previously determined to be substantially responsive, to find out the eligibility, technical suitability and competence of a Bidder to perform the Contract. The important parameters for Technical evaluation of the Bidders include</p> <ol style="list-style-type: none"> a. The Bidder meets all the eligibility criteria laid down in the conditions of Tender Document. b. The EMD is submitted along with the Tender. c. All Proforma and Annexures attached to the Tender document are duly complied with/ filled in. d. The Samples of Smart cards. e. A valid SCOSTA Certificate for manufacturing of Smart Cards issued by NIC in its own name. f. Financial capability certificate signed by a registered Chartered Accountant or a Nationalized Bank, to ascertain compliance with the eligibility criteria. <p>After Technical Bids are opened and evaluated, a chart of short listed Bidders will be prepared by the evaluation committee constituted for the purpose. The decision of the committee shall be final and binding on the Bidders.</p>	<p>Evaluation and Comparison of Bids. The Department shall constitute a Tender Scrutiny Committee exclusively for this Tender. The Tender Scrutiny Committee will evaluate the Technical Bids, previously determined to be substantially responsive, to find out the eligibility, technical suitability and competence of a Bidder to perform the Contract. The important parameters for Technical evaluation of the Bidders include</p> <ol style="list-style-type: none"> a. The Bidder meets all the eligibility criteria laid down in the conditions of Tender Document. b. The EMD is submitted along with the Tender. c. All Proforma and Annexures attached to the Tender document are duly complied with/ filled in. d. The Samples of Smart cards. e. A valid SCOSTA Certificate for manufacturing of Smart Cards issued by NIC in its own name. f. Financial capability certificate signed by a registered Chartered Accountant or a Nationalized Bank, to ascertain compliance with the eligibility criteria. <p>After Technical Bids are opened and evaluated, a chart of technically qualified Bidders will be prepared by the Tender Scrutiny Committee constituted for the purpose. The decision of the committee shall be final and binding on the Bidders.</p>
12.	27.e)	<p>The grand total value quoted by the Bidder shall be taken as the selection criteria for determining the lowest rate, irrespective of individual lowest rate separately for Driving Licenses and Registration Certificates.</p>	<p>The Bidder quoting the lowest Grand Total value will be declared as the lowest evaluated Tenderer, with whom negotiations will be made.</p>
13.	31.1.	<p>Prior to the expiration of the period of Bid validity, the Department will notify the successful Bidder in writing by registered letter or telex or fax or e-mail to be confirmed in writing by registered letter that its Bid has been accepted.</p>	<p>Prior to the expiration of the period of Bid validity, the Department will notify the successful Bidder the acceptance of their bid, in writing by registered letter with acknowledgement-due.</p>

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14.	33	<p>Performance Guarantee The successful Bidder shall furnish the performance guarantee in the form of demand draft or bank guarantee for Rs. 5 crores within 15 days of the receipt of notification of the award from the Department (as per pro-forma in Annexure 7). Failure of the successful Bidder to comply with the requirements specified in the Tender document shall constitute sufficient grounds for the annulment of the award and forfeiture of the Earnest Money Deposit, in which event the Department may grant the award to the next lowest evaluated Bidder or call for new Bids at its discretion.</p>	<p>Performance Guarantee The successful Bidder shall furnish the performance guarantee in the form of demand draft or bank guarantee (issued only from any of the Nationalized Banks) for 5% of the Contract Value, within 15 days of the receipt of notification of the award from the Department (as per pro-forma in Annexure 7). Failure of the successful Bidder to comply with the requirements specified in the Tender document shall constitute sufficient grounds for the annulment of the award and forfeiture of the Earnest Money Deposit, in which event the Department may grant the award to the next lowest evaluated Bidder or call for new Bids at its discretion.</p>
15.	34	<p>The period of contract is for five years under BOOT model for implementation of smart card based Driving Licenses and Registration Certificates in 58 Regional Transport Offices and 49 Unit Offices. The estimated number of cards to be printed is 140 lakhs in case of Driving Licenses and 200 lakhs in case of Registration Certificates.</p>	<p>The period of contract is for five years under BOOT model for implementation of smart card based Driving Licenses and Registration Certificates in 58 Regional Transport Offices and 49 Unit Offices. The contract period will start immediately after the signing of the Agreement between the successful bidder and the Department. The Contract will however end after 5 years and 90 days from the date of signing of Agreement or 5 years from the actual commissioning in all RTO/UO, whichever is earlier. The estimated number of cards to be printed is 140 lakhs in case of Driving Licenses and 200 lakhs in case of Registration Certificates.</p>
16.	35.2.c)	<p>The site preparations, hardware and software installations have to be executed within six months in all offices simultaneously. The details of an implementation schedule should be submitted along with the tender.</p>	<p>The site preparations, hardware and software installations have to be completed, commissioned and Acceptance Certificate from the Department should be obtained within 90 days from the date of signing of Agreement, in all offices simultaneously. The details of an implementation schedule should be submitted along with the tender.</p>

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17.	35.2.	<p>d) Minimum of one computer, two Smart card printers as per the specification provided in Annexure-3 and one trained person have to be provided in each of the site for every 100 smart cards to be issued per day.</p> <p>e) Apart from the requirements mentioned in 2 above the following Client machines shall be provided by the contractor for activation of smart cards</p> <p>(i) One PC with 3 Smart card Readers for activation of Registration Certificates related transactions.</p> <p>(ii) One PC with 3 Smart card Readers for activation of ‘sarathi’ transactions.</p> <p>(iii) Two PC with web camera, Biometrics Signature pad for capturing photo, Signature and Thumb.</p> <p>(iv) One PC for processing and printing Smart Cards with at least two Smart Card printers with capability for single and Dual-sided printing.</p> <p>(v) One laser jet printer for printing invisible Portions of the Smart Card and also for preparing MIS Reports.</p> <p>f) The Contractor shall deploy the necessary manpower in each site to print the Driving Licenses and Registration Certificates as per the requirement of each office, according to the number of smart cards to be issued.</p>	<p>d) Minimum of one computer, two Smart card printers with capability of Single and Dual side printing (Color printing capability for one side), as per the specification provided in Annexure-3, one Web Camera, one Biometric Signature pad, one Finger print reader and one trained person have to be provided in each of the site for every 100 smart cards(DLs+RCs) to be personalized per day. Minimum of one Server is required to host the Online Monitor and Management System (OMMS). Minimum of one UPS should be provided to each RTO/UO, as per the specification in Annexure 3 to ensure uninterrupted personalization of DLs/RCs.</p> <p>e) Apart from the requirements mentioned above, the following Client machines shall be provided by the contractor for activation of smart cards</p> <p>(i) One PC with 3 Smart card Readers for activation of Registration Certificates related transactions.</p> <p>(ii) One PC with 3 Smart card Readers for activation of ‘sarathi’ transactions.</p> <p>(iii) One laser jet printer for printing invisible Portions of the Smart Card and also for preparing MIS Reports.</p> <p>f) The Contractor shall deploy the necessary manpower in each site to print the Driving Licenses and Registration Certificates as per the requirement of each office, according to the number of smart cards to be issued. Contractor shall be responsible for system maintenance for all the systems provided by him for this project. Operations like Data base administration, Receipt of Cash, Approval and Activation will be done by the Department.</p>
18.	35.4.(iv).	Consumable inventory management would be done online, through a system which would be known as Online Inventory Management System (OIMS) (Proforma-11). The customized software has to be developed by the Contractor. The details of consumables are provided in Proforma-13.	Consumable inventory management would be done online, through a system which would be known as Online Inventory Management System (OIMS) (Annexure-15). The customized software has to be developed by the Contractor. The details of consumables are provided in Annexure-16 .

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19.	36	<p>Technical Consultant</p> <p>Apart form the manpower provided in each smart card centre, a Technical Consultant for each District should be deployed in order to provide technical assistance to the staff of the smart card Contractor. The Technical Consultant is responsible to give technical support to avoid any break down occurring in the smart card process in any of the offices in the respective District. He should act as a break down squad and put the system to functional use within 6 hours in time.</p> <p>The Contractor shall procure, install and commission Electronic display so that the applicant may ensure the correctness of the details to be printed in the Smart Cards and carry out corrections, if any, pointed out by the applicant.</p>	<p>Technical Support Engineer</p> <p>Apart form the manpower provided in each smart card centre, a Technical Support Engineer for each District should be deployed in order to provide technical assistance to the staff of the Contractor. The Technical Support Engineer is responsible to give technical support to avoid any break down occurring in the smart card process in any of the offices in the respective District. He should act as a break down squad and put the system to functional use within 6 hours.</p> <p>The Contractor shall procure, install and commission Electronic display so that the applicant may ensure the correctness of the details to be printed in the Smart Cards and carry out corrections, if any, pointed out by the applicant.</p>
20.	38. i.	<p>The Contractor shall obtain the data from the Server, do capturing of photo, signature, thumb impression etc. After verifying the genuineness of records, the Contractor shall print the Driving Licenses and Registration Certificates in the prescribed format. After printing, the card will be sent for activation by the Department Staff and the activated smart cards to be handed over to the applicant within the time limit prescribed. The MIS reports in this regard should be uploaded to the Departmental Server on daily basis.</p>	<p>The Contractor shall obtain the data from the Server and capture the photo, signature, thumb impression, etc of the applicant. After verifying the correctness of records using the Electronic Display, the Contractor shall print the Driving Licenses and Registration Certificates in the prescribed format. After printing, the card will be sent for activation by the Department Staff and the activated smart cards to be handed over to the applicant by the Department within the time limit prescribed. The MIS reports in this regard should be uploaded to the Departmental Server on daily basis.</p>

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21.	39	<p>Converting of existing (legacy) Driving Licenses and Registration Certificates into Smart Cards in 35 District Centers</p> <p>All legacy data collection and storage (conversion of existing Registration Certificates and Driving Licenses into Smart Cards) shall be executed in a separate center outside the premises of Regional Transport Offices/ Unit Offices in each District. There will be two centers for Chennai, Madurai and Coimbatore districts and one center for each remaining districts.</p> <p>The data relating to conversion will be obtained from Regional Transport Offices and Unit Offices in the respective Districts by external storage device or sharing of data from Regional Transport Offices servers by Virtual Private Network/ TNSWAN whichever is in practice. The data obtained will be transferred to the contractor's computer server for printing the Smart Cards. After printing, the cards will be sent for activation by the Department and the activated smart cards shall be handed over to the applicants within the prescribed time limit.</p> <p>If any data relating to the Registration Certificates and Driving Licenses are not available/ partly available in the main Server of the Regional Transport Offices/ Unit Offices, the Contractor has to have provision for making data entry for this purpose.</p>	<p>Converting of existing (legacy) Driving Licenses and Registration Certificates into Smart Cards in 35 District Centers</p> <p>All legacy data collection and storage (conversion of existing Registration Certificates and Driving Licenses into Smart Cards) shall be executed in separate center(s) outside the premises of Regional Transport Offices/ Unit Offices in each District. The Contractor shall arrange for the building with all infrastructure facilities to establish the District Centers at their own cost. The Department will not provide either land or building for the same. There will be two centers each for Chennai, Madurai and Coimbatore districts and one center each for the remaining districts.</p> <p>The data relating to conversion will be obtained from Regional Transport Offices and Unit Offices in the respective Districts by external storage device, CDs or sharing of data from Regional Transport Offices servers by Virtual Private Network/ TNSWAN whichever is in practice. The data obtained will be transferred to the contractor's computer server for printing the Smart Cards. After printing, the cards will be brought to the RTO/UO by the Contractor and sent for activation by the Department within the prescribed time limit and the activated smart cards shall be handed over to the applicants by the Department.</p> <p>If any data relating to the Registration Certificates and Driving Licenses are not available/ partly available in the main Server of the Regional Transport Offices/ Unit Offices, except for capturing of photo, signature, thumb impression, etc, the Department will do the required data entry for this purpose.</p> <p>Activities like Cash receipt, Verification, Approval and Activation shall be done by the Department in the respective RTO/UO.</p> <p>The size of the District Centre shall be based on the number of existing DLs/RCs being converted. Location of the District Centre shall have easy access to the District Head Quarters.</p>

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22.	40	<p>Site preparation for District Centre</p> <p>The Contractor shall prepare the site at each of the District centers at his own cost. The Contractor shall carry out the civil works at the site which would broadly comprise of</p> <ol style="list-style-type: none"> 1. Server Room <ol style="list-style-type: none"> a. Vinyl flooring b. False ceiling c. Necessary electrical fittings d. Erection of partition walls/ doors for the rooms 2. Other places where Computer systems are to be installed <ol style="list-style-type: none"> a. Procurement and erection of modular table. b. Necessary electrical fittings and LAN cabling <p>The suggested site preparation items are indicative in nature and may vary depending upon the overarching needs of the sites and the installation plan to be prepared as per the draft agreement.</p> <p>The Contractor shall supply and install computer systems, support facilities and training and project monitoring infrastructure at the sites in the respective Districts. The Technical specifications of computer systems and quantity for the computer systems that would need to be supplied and installed have been furnished in Annexure-3.</p> <p>The site/offices should be maintained and kept neat and clean by the contractor.</p>	<p>Site preparation for District Centres, RTOs and UOs</p> <p>The Contractor shall prepare the site at each of the District centers, RTOs and UOs at his own cost. The Contractor shall carry out the civil works at the site which would broadly comprise of</p> <ol style="list-style-type: none"> 1. Server Room <ol style="list-style-type: none"> a. Vinyl flooring b. False ceiling c. Necessary electrical fittings d. Erection of partition walls/ doors for the rooms 2. Other places where Computer systems are to be installed <ol style="list-style-type: none"> a. Procurement and erection of modular table. b. Necessary electrical fittings and LAN cabling <p>The suggested site preparation items are indicative in nature and may vary depending upon the overall needs of the sites and the installation plan to be prepared as per the draft agreement.</p> <p>The Contractor shall supply and install computer systems, support facilities and training and project monitoring infrastructure at the sites in the respective offices. The Technical specifications of computer systems and quantity for the computer systems that would need to be supplied and installed are furnished in Annexure-3.</p> <p>The site/offices should be maintained and kept neat and clean by the contractor.</p>
23.	42.i.	<p>The Smart Card shall comply with the prevailing National Standards for Driving Licenses and Registration Certificates and should last for a period of 15 years. The printed information on the card should be clearly legible for the entire period and should comply with standards as in Annexure 3 of the Standards.</p>	<p>The Smart Card shall comply with the prevailing National Standards for Driving Licenses and Registration Certificates and should last for a period of 10 years. The printed information on the card should be clearly legible for the entire period and should comply with standards as in Annexure 3 of the Standards.</p> <p>1 % of the Performance Guarantee will be retained by the Department for a period of 10 years from the date of commencement of work.</p>

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24.	42.v.	The Driving Licences/ Registration Certificates shall be printed with the ghost image as a security feature.	The Driving Licences/ Registration Certificates shall be printed with the ghost image as a security feature. The Contractor shall design the ghost image to be printed on DL/RC, as per the design specification provided by the Department. The transparency level of the ghost image shall be set at 25%.
25.	43.iv.	The architectural and design features shall enable adoption of multiple delivery channels at the customer end, internet kiosks, cellular phones (WAP enabled) and ATMs.	The architectural and design features shall enable adoption of multiple delivery channels at the customer end including online payment , internet kiosks, cellular phones (WAP enabled) and ATMs, for future enablement.
26.	44.12.vi	The Bidder/ lead Bidder in case of consortium should have registered office or branch office in the State of Tamil Nadu in operation for atleast one year with respect to the date of release of tender (proof of VAT registration has to be enclosed).	The Bidder/ lead Bidder in case of consortium should open an office in the State of Tamil Nadu within 15 days from the date of signing of the Agreement with the Department.
27.	49	<p>Acceptance Tests</p> <p>The Acceptance Tests, which shall involve testing of the entire setup including the site improvisation, consumable stocks, hardware, front end software and printing of the sample Driving of Licenses and Registration Certificates within the time limit prescribed by the Department with live and test data, shall be conducted by the Bidder in the presence of a Core Group of expert officers nominated by the Department. The Acceptance Test must be completed by the Bidder to the satisfaction of the Core Group within a time frame specified by the Department for commencement of the work.</p> <p>The Department reserves the right to evolve a procedure of quality checking to ensure that the cards are according the prescribed specifications.</p>	<p>Acceptance Tests</p> <p>The Acceptance Tests, which shall involve testing of the entire setup including the site improvisation, consumable stocks, hardware, front end software and printing of the sample Driving Licenses and Registration Certificates within a duration of 90 days from the date of signing of the Agreement with live and test data, shall be performed by the Bidder in the presence of a Core Group of expert officers nominated by the Department.</p> <p>The Contractor shall commission the work in all RTOs/UOs in all respects as specified in the Tender Document and notify the Department within 60 days from the date of signing of the Agreement. The Acceptance Certificate will be issued by the Department within 30 days from the date of receipt of notification from the Contractor.</p> <p>The Department reserves the right to evolve a procedure of quality checking to ensure that the cards are according to the prescribed specifications.</p>

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28.	56	<p>Liquidated Damages</p> <p>i. In the event of failure of the Contractor to secure acceptance by the Department, before the commencement date for the first site, the Department reserves the option to recover from the Contractor all liquidated damages. For the period after the said commencement date until acceptance, a sum of Rupees Ten Thousand for each working day of the failure of Contractor, upto a maximum of Rupees Ten Lakhs, to secure acceptance or part thereof, without prejudice to other remedies under the contract. The Department also reserves the option to recover from the Contractor the above mentioned Liquidated damages for each working day of the failure of the Contractor to commence the operations at the last of the 107 Transport Offices after the relevant commencement date.</p> <p>ii. If the delivery of Smart card is beyond the time limit prescribed in the milestone program of works as per the tender, a penalty of Rs. 1000/- (Rupees One Thousand Only) will be levied for every day per unit in which the delay has occurred.</p>	<p>Liquidated Damages</p> <p>i. In the event of failure of the Contractor to secure acceptance by the Department within 90 days from the date of signing of the Agreement for commencement of operations in all the sites, the Department reserves the right to recover from the Contractor liquidated damages for the delayed period upto the actual date of commencement of operations, a sum of Rupees Ten Thousand for each day of the delay, subject to a maximum of 10% of the Contract Value, without prejudice to other remedies under the contract.</p> <p>ii. If the delivery of Smart card is beyond the time limit prescribed in the Standard of Performance under Clause 75 of the Tender Document, a penalty of Rs. 1000/- (Rupees One Thousand Only) will be levied for every day per site, in which the delay has occurred.</p>
29.	63	<p>Monitoring progress of operations</p> <p>The Department, from time to time, may review the progress of the project and may suggest appropriate changes/ modifications, which are required to be incorporated in the system.</p> <p>The monitoring of progress of operation would be done online, through a system which would be known as Online Monitoring Management System (OMMS). The customized software has to be developed by the Contractor.</p>	<p>Monitoring progress of operations</p> <p>The Department, from time to time, may review the progress of the project and may suggest appropriate changes/ modifications, which are required to be incorporated in the system.</p> <p>The monitoring of progress of operation would be done online, through a system which would be known as Online Monitoring Management System (OMMS). The customized software has to be developed and supplied by the Contractor. The necessary hardware required to host the online OMMS shall be provided by the Contractor.</p>
30.	74	<p>Milestone for Installation</p> <p>The Department would provide the Contractor available space for installation of hardware and all other preparation for Smart Card room within 15 days from the date of signing of agreement. The Contractor is required to make the whole system functional at specified locations in the State within a period of 3 months for the date of handing over the site.</p>	<p>Milestone for Installation</p> <p>The Agreement shall be signed within 15 days from the date of notification of award. After signing of the Agreement, the Department will provide space at the RTO/UO within its premises, for installation of hardware and all other preparation for Smart Card room within 15 days from the date of signing of agreement. The Contractor is required to make the whole system functional and obtain Acceptance Certificate from the Department at all locations in the State within a period of 90 days from the date of signing of the Agreement.</p>

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31.	75	<p>Standard of Performance</p> <p>The Contractor has to execute the printing and activation of smart cards and hand over the printed and activated cards to the concerned Regional Transport Officer/ Motor Vehicle Inspector in respective offices within 24 hours.</p>	<p>Standard of Performance</p> <p>The Contractor has to execute the capturing of photo, signature & thumb and printing of smart cards and hand over the printed cards to the concerned Regional Transport Officer/ Motor Vehicle Inspector in respective offices within 24 hours (excluding intervening State Government Holidays) from the time the data is made available in the VAHAN/SARATHI servers.</p>
32.	76	<p>Completion of Contract</p> <p>Unless terminated earlier, the Contract shall terminate on the completion of 5 years from the date of signing of the agreement. Upon completion of the contract, the contractor is required to transfer hardware, software, other equipment and infrastructure in good working condition free of cost.</p>	<p>Completion of Contract</p> <p>Unless terminated earlier, the Contract will end after 5 years and 90 days from the date of signing of Agreement or 5 years from the actual commissioning in all RTO/UO, whichever is earlier. Upon completion of the contract, the contractor is required to transfer PCs, Smart Card Printers, Smart Card Readers, Image capturing devices, Finger print scanners, Signature capturing devices, Servers, Laser Printers, UPS, any other hardware, software (Licenses for Operating Systems, DBMS, etc and Source code for Application Software), networking other equipments and infrastructure (including furniture, cabling, etc) in good working condition free of cost to the Department.</p> <p>The Department may however, at its discretion, extend the contract for a further time period, as per the necessity and based on mutual agreement.</p>
33.	77	<p>Renewal of Contract</p> <p>The Department may renew the contract for a further period, if the performance is found to be satisfactory and as may be mutually decided with the party on such terms and conditions which may be negotiated and agreed upon.</p> <p>The negotiations for the renewal shall commence not less than 6 months before the expiry of this contract.</p>	<p>Renewal of Contract</p> <p>Since the project is BOOT model, the Contractor shall transfer the properties to the Department at the end of the Contract period.</p>

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34.	Annexure 3	<p>I. Smart Card specifications for Driving License, Registration Certificate, Endorsing authority cards, Reviewing authority cards, key generation authorities cards etc. Microprocessor based IC Card with contacts and with a 32 KB of E-PROM Compliant to ISO/IEC 7816 – 1.2 & 3 Supply voltage 3V nominal T=0 or T=1 transport protocol Min 10 years data retention Min 300000E-PROM write cycles Operation ambient temperature range -25C to +55C Glossy surface, PVC/ABS plastic construction with overlay to allow color dye sublimation printing Smart Cards must have data objects for card sequence no (Tag 5F34) and cards primary account no (Tag 5A) at the MF level as per ISO 7816-6. Once programmed these data objects can not be changed.</p>	<p>I. Smart Card specifications for Driving License, Registration Certificate, Endorsing authority cards, Reviewing authority cards, key generation authority cards etc. Microprocessor based IC Card with contacts and with a 64 KB of E-PROM Compliant to ISO/IEC 7816 – 1.2 & 3 Supply voltage 3V nominal T=0 or T=1 transport protocol Min 10 years data retention Min 300000E-PROM write cycles Operation ambient temperature range -25C to +55C Glossy surface, PVC/ABS plastic construction with overlay to allow color dye sublimation printing Smart Cards must have data objects for card sequence no (Tag 5F34) and cards primary account no (Tag 5A) at the MF level as per ISO 7816-6. Once programmed, these data objects can not be changed.</p>																											
35.	Annexure 3	<p>V. UPS Online UPS 3 KVA with 2 Hrs backup using SMF Batteries.</p>	<p>V. UPS Online UPS 3 KVA with 2 Hrs backup using SMF Batteries.</p> <p>VI. Web-Camera with SDK</p> <table border="1" data-bbox="1178 919 2028 1515"> <tbody> <tr> <td data-bbox="1178 919 1220 954">a.</td> <td data-bbox="1220 919 1476 954">Resolution</td> <td data-bbox="1476 919 2028 954">24 bit colour, Minimum 480x640 pixel</td> </tr> <tr> <td data-bbox="1178 954 1220 990">b.</td> <td data-bbox="1220 954 1476 990">Interface to Host</td> <td data-bbox="1476 954 2028 990">USB/COM Port with 3 mt. Cable</td> </tr> <tr> <td data-bbox="1178 990 1220 1065">c.</td> <td data-bbox="1220 990 1476 1065">Formats to be supported</td> <td data-bbox="1476 990 2028 1065">BMP, JPG, GIFF</td> </tr> <tr> <td data-bbox="1178 1065 1220 1140">d.</td> <td data-bbox="1220 1065 1476 1140">Light Adjustments</td> <td data-bbox="1476 1065 2028 1140">Auto</td> </tr> <tr> <td data-bbox="1178 1140 1220 1214">e.</td> <td data-bbox="1220 1140 1476 1214">Compatibility Standard</td> <td data-bbox="1476 1140 2028 1214">Twain</td> </tr> <tr> <td data-bbox="1178 1214 1220 1250">f.</td> <td data-bbox="1220 1214 1476 1250">Frame Rate</td> <td data-bbox="1476 1214 2028 1250">30 fps @ QCIFC (176*144)</td> </tr> <tr> <td data-bbox="1178 1250 1220 1325">g.</td> <td data-bbox="1220 1250 1476 1325">Software Meeting</td> <td data-bbox="1476 1250 2028 1325">s/w for Picture capture & Networking</td> </tr> <tr> <td data-bbox="1178 1325 1220 1399">h.</td> <td data-bbox="1220 1325 1476 1399">Image Sensor</td> <td data-bbox="1476 1325 2028 1399">Image Sensor ¼ “ Progressive Scan CCD</td> </tr> <tr> <td data-bbox="1178 1399 1220 1515">i.</td> <td data-bbox="1220 1399 1476 1515">Supported Operating Systems</td> <td data-bbox="1476 1399 2028 1515">Windows 98, Windows 2000, Windows XP, Windows Vista, Windows 7 & Linux</td> </tr> </tbody> </table>	a.	Resolution	24 bit colour, Minimum 480x640 pixel	b.	Interface to Host	USB/COM Port with 3 mt. Cable	c.	Formats to be supported	BMP, JPG, GIFF	d.	Light Adjustments	Auto	e.	Compatibility Standard	Twain	f.	Frame Rate	30 fps @ QCIFC (176*144)	g.	Software Meeting	s/w for Picture capture & Networking	h.	Image Sensor	Image Sensor ¼ “ Progressive Scan CCD	i.	Supported Operating Systems	Windows 98, Windows 2000, Windows XP, Windows Vista, Windows 7 & Linux
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			<p data-bbox="1171 743 1507 776">IX Server Specifications</p> <p data-bbox="1171 781 2032 1182">Tower Model, 2 X Xeon Qual Core E5520 Processor @ 2.26 GHz, 8 MB L3 Cache, 32 GB (DDR3-1066) Registered DIMMs upgradeable upto 96 GB, Intel 5520 Chipset, 19" TFT/Wide LCD Color Monitor, USB/PS/2-OEM keyboard, Optical Mouse, RAID controller with 256 MB Cache with support of Raid 0/1/5, 5 X 300 GB 15K RPM Hot Plug SAS 3.5" HDD, DVD Writer Optical Drive, 1 Serial Port, 2PS/2 Ports, 1 VGA Port, 1 Network RJ45 & 6 USB, 1 Remote Management Port, 4 Nos. of PCI-E Slots, Dual port Dual Gigabit LAN, Tower, Redundant Hot Plug fan, Redundant Hot Swappable Power Supply with Windows and Linux Complaint.</p> <p data-bbox="1171 1219 1892 1252">OS-WINDOWS 2008 AND Database SQL Server 2008</p> <p data-bbox="1171 1295 1297 1328">Antivirus</p> <p data-bbox="1171 1365 1646 1511">X Laser Printer: Speed: 27 PPM or Higher Duty Cycle: 15000 per month HP Laser Jet P2015dn or equivalent.</p>																		

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			XI Electronic Display 17” TFT/Wide LCD Color Monitor.
36.	Annexure 4	Earnest Money Deposit We have enclosed an Earnest Money Deposit of a sum of <u>Rupees 10 lakhs</u> . This earnest money deposit is liable to be forfeited in accordance with the provisions of Bid Documents.	Earnest Money Deposit We have enclosed an Earnest Money Deposit of a sum of <u>Rs.25 lakhs</u> . This earnest money deposit is liable to be forfeited in accordance with the provisions of Bid Documents.

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37.	Annexure 5	<p style="text-align: center;"><u>PROFORMA FOR PRICE BID</u></p> <p>The Details of the contract price for implementation of Driving Licenses and Registration Certificate on Smart Cards as per the specifications at all the 58 RTO's / 49 UOs of Transport Department, Tamil Nadu.</p> <table border="1" data-bbox="296 331 1152 891"> <thead> <tr> <th>SL.NO.</th> <th>PARTICULARS</th> <th>Total no. of cards</th> <th>Rate per card</th> <th>Total amount</th> <th>Total Amount (in figures)</th> </tr> </thead> <tbody> <tr> <td colspan="6">Driving licences</td> </tr> <tr> <td>1</td> <td>Fresh</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>Conversion of existing license</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="6">Registration Certificates</td> </tr> <tr> <td>1</td> <td>Fresh</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>Conversion of existing Registration certificate</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Grand Total</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					SL.NO.	PARTICULARS	Total no. of cards	Rate per card	Total amount	Total Amount (in figures)	Driving licences						1	Fresh					2	Conversion of existing license					Registration Certificates						1	Fresh					2	Conversion of existing Registration certificate					Grand Total						<p style="text-align: center;"><u>PROFORMA FOR PRICE BID</u></p> <p>The Details of the contract price for implementation of Driving Licenses and Registration Certificate on Smart Cards as per the specifications at all the 58 RTO's / 49 UOs of Transport Department, Tamil Nadu.</p> <table border="1" data-bbox="1213 402 1992 776"> <thead> <tr> <th>S L . N O .</th> <th>Particulars</th> <th>Total no. of cards</th> <th>All inclusive rate per card</th> <th>Total Cost</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Driving License</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>Registration Certificate</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Grand Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					S L . N O .	Particulars	Total no. of cards	All inclusive rate per card	Total Cost	1	Driving License				2	Registration Certificate				Grand Total				
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38.	Annexure 14	<p style="text-align: center;">TECHNICAL CONSULTANTS</p> <p>1. Qualification The individual nominated as a Technical Consultant shall broadly have the following qualification</p> <table border="1" data-bbox="296 293 1146 808"> <tr> <td data-bbox="296 293 722 329">Senior Technical Consultant</td> <td data-bbox="722 293 1146 329">Technical Consultant</td> </tr> <tr> <td data-bbox="296 329 722 808">Master of Computer Application (MCA) or B.E./B.Tec., in computer science/ electronics/ Information Technology or M.Sc in Computer science/ Information Technology/ MIS</td> <td data-bbox="722 329 1146 808">BSc., in computer Science/ Information Technology/MIS or B.E. Mechanical/ Civil/ Instrumental/ Bio Technology and a computer training Certificate from a reputed training in state or Any degree and one year continuous computer training certificate from a reputed training in state</td> </tr> </table> <p>2. 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Senior Technical Support Engineer	Technical Support Engineer																																														
Master of Computer Application (MCA) or B.E./B.Tec., in computer science/ electronics/ Information Technology or M.Sc in Computer science/ Information Technology/ MIS	BSc., in computer Science/ Information Technology/MIS or B.E. Mechanical/ Civil/ Instrumental/ Bio Technology and a computer training Certificate from a reputed training in state or Any degree and one year continuous computer training certificate from a reputed training in state																																														
Transport Office	Senior Technical Support Engineer	Technical Support Engineer																																													
Commissioner for Transport	1	1																																													
Joint Commissioner for Transport	-	-																																													
State Transport Authority	1	-																																													
Each District Offices	1	-																																													
Each RTO/UO Offices	-	1																																													

S No	Tender Clause	Existing	To Be Read As
39.	Annexure 15	<p style="text-align: center;">ANNEXURE-15</p> <p style="text-align: center;">Online Inventory Management System</p> <p>1.1 Product Features</p> <p>c. Important functionalities should be as given below</p> <p>(i) Request Register/ Update</p> <ul style="list-style-type: none"> • Registering by System Administrator • Registered status updation by PPP Partner/ Technical Consultant • Registration Search. • Update reply for registered requests by PPP Partner 	<p style="text-align: center;">ANNEXURE-15</p> <p style="text-align: center;">Online Inventory Management System</p> <p>1.2 Product Features</p> <p>d. Important functionalities should be as given below</p> <p>(ii) Request Register/ Update</p> <ul style="list-style-type: none"> • Registering by System Administrator • Registered status updation by PPP Partner/ Technical Support Engineer. • Registration Search. • Update reply for registered requests by PPP Partner

S No	Tender Clause	Existing	To Be Read As																																																				
40.	Annexure 16	<p style="text-align: center;">ANNEXURE-16 List of Consumables</p> <p>1. The annual requirement of consumables for STA/ all RTO and UO</p> <table border="1" data-bbox="296 293 1136 708"> <thead> <tr> <th rowspan="2">SL. NO</th> <th>Consumables</th> <th colspan="3">Requirement per year</th> </tr> <tr> <th>General Computer Stationery</th> <th>STA</th> <th>RTO</th> <th>UO</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A4 size paper sheets (Xerox)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>Adhesive stickers (12 X 4 cm)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>Backup Media</td> <td></td> <td></td> <td></td> </tr> <tr> <td>a</td> <td>Read-write CD / DVD</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>CD / DVD drive cleaning kit</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Table 7.2</p> <table border="1" data-bbox="296 743 1136 1008"> <thead> <tr> <th rowspan="2">SL. NO</th> <th rowspan="2">Printer/ Ribbons cartridges</th> <th colspan="2">Requirement per Year per printer</th> </tr> <tr> <th>New</th> <th>Refill</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>80 column Printer</td> <td></td> <td></td> </tr> <tr> <td>b</td> <td>132 / 136 column Printer</td> <td></td> <td></td> </tr> <tr> <td>c</td> <td>Mono Laser Printer</td> <td></td> <td></td> </tr> </tbody> </table> <p>2. The quantity of consumables to be provided would be as per the Annual Supply Schedule provided by the Transport Department. Any variance would be intimated by the Transport Department. The inventory of Consumables, requirement for additional supply etc would be managed through the inventory Management System. The software framework for the same has been provided.</p>	SL. NO	Consumables	Requirement per year			General Computer Stationery	STA	RTO	UO	1	A4 size paper sheets (Xerox)				2	Adhesive stickers (12 X 4 cm)				3	Backup Media				a	Read-write CD / DVD				B	CD / DVD drive cleaning kit				SL. NO	Printer/ Ribbons cartridges	Requirement per Year per printer		New	Refill	a	80 column Printer			b	132 / 136 column Printer			c	Mono Laser Printer			<p style="text-align: center;">ANNEXURE-16 List of Consumables</p> <p>1. An indicative list of consumables that would be required in executing the project has been indicated as below.</p> <ul style="list-style-type: none"> • A4 size paper sheets (Xerox) • Adhesive stickers (12 x 4 cm) • Back up media <ul style="list-style-type: none"> - CD / DVD - CD / DVD drive cleaning kit • Printer Cartridges for Laser Printers • Cartridges for Smart Card Printers <p>The Contractor shall be responsible for providing the above mentioned consumables as well as any other consumables, as required for executing the project, as and when required.</p> <p>2. The quantity of consumables to be provided would depend on the Annual Supply Schedule of DLs/RCs provided by the Transport Department. The inventory of Consumables, requirement for additional supply etc would be managed through the inventory Management System. The software framework for the same has been provided.</p> <p>Contractor should ensure the availability of the consumables at all times, for smooth execution of the project</p>
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