RequestforProposal

For
Selectionof Concessionaire for Design Build,Finance Operationand Maintenanceof SmartParkingSolution forOn-Street,Off-Street andMulti-LevelParkinginGwalioron PPP model

NITNo:GSCDCL/027/2017

Dated:30/12/2017

GwaliorSmartCityDevelopmentCorporationLimited,Gwalior

NagarNigamOffice,CityCentre,Gwalior,MadhyaPradesh,474003Ph.No. :07512438386;E-mail:gscdcltender@gmail.com Website:www.smartcitygwalior.org

---

NOTICEINVITNGTENDER("NIT")

NITNo. GSCDCL/027/2017   **Date: 30/12/2017**

GwaliorSmartCityDevelopmentCorporationLimited(GSCDCL)invitesonlineBidsfromeligiblebiddersthrough www.mpeproc.gov.in for "SelectionofConcessionaireforDesign,Development,Implementation,Operatio nandMaintenanceofSmartParkingSolutionforOn-Street,Off-StreetandMulti-LevelParkinginGwalioronPPPmodel".

Thedetailsareasunder.

SR. NO.	EVENT'SNAME	INFORMATION
1.	NAME OF THE PROJECT	"Selection of Concessionaire for Design,Build Finance,Operation and Maintenance of Smart Parking Solution for On-Street, Off-Streetand Multi-Level Parking in Gwalior on PPPmodel".
2.	BID DOCUMENT FEE	RS 25,000/- (RUPEES TWENTY FIVE THOUSAND ONLY) THROUGH ONLINE E-TENDERING PAYMENTGATEWAY ONLY
3.	EARNESTMONEYDEPOSIT(EMD)	**RS.5,00,000/-(FIVELAKHONLY)**
4	LAST DATE FOR SENDING PRE-BID QUERIES	**16.01.2018 16:00 HRS**
5.	DATE ,TIME AND PLACE OF PRE-BID MEETING	**18.01.2018 14:00 HRS**
6.	LAST DATE FOR ONLINE PURCHASE OF BID DOCUMENT	**30.01.2018 17:30 HRS**
7.	LAST DATE OF ONLINE SUBMISSION OF BIDS	**31.01.2018 17:30 HRS**
8.	LAST DATE OF EMD+HARDCOPY(PRE-QUALIFICATION AND TECHNICAL PROPOSAL)SUBMISSION OF BIDS	**02.02.2018 17:30 HRS**
9.	DATE AND TIME FOR OPENING OF PRE-QUALIFICATION AND TECHNICAL PROPOSAL	**03.02.2018 11:00 HRS**
10.	DATE AND TIME FOR OPENING OF FINANCIAL PROPOSALS	WILLBEINTIMATEDLATERTOTHETECHNICAL LYQUALIFIEDBIDDERS

-sd-
ExecutiveDirector
GwaliorSmartCityDevelopmentCorporationLimited

Contents

DISCLAIMER

Gwalior Smart City Proposal (SCP) was selected to implement the Area Based Development (ABD) and pan-city proposals by Government of India under Smart City Mission. Gwalior SCP proposes smart solutions in ABD and cross pan-city providing various smart feature/infrastructure.

To implement Smart City projects in Gwalior, Gwalior Municipal Corporation (GMC) and Madhya Pradesh Urban Development Corporation formed an SPV called Gwalior Smart City Development Corporation Ltd. (GSCDCL)

The information contained in this Request for Proposal (the "RFP") document or subsequently provided in writing to the Bidder(s), by or on behalf oftheExecutiveDirector,GwaliorSmartCityDevelopmentCorporationLimited(GSCDCL)oranyofitsemploye esoradvisers,isprovidedtoBiddersonthetermsandconditionssetoutinthisRFPandsuchothertermsandcon ditionssubjecttowhichsuchinformationisprovided.

ThisRFPisnotanagreementandisneitheranoffernorinvitationbytheExecutiveDirector,GSCDCLtotheprosp ectiveBiddersoranyotherperson.ThepurposeofthisRFPistoprovideinterestedpartieswithinformationthat may beusefultothemintheformulationoftheirProposalspursuant tothisRFP.

ThisRFPincludesstatements,whichreflectstheintentionsoftheGSCDCLinrelationtotheEngagementofAgen cyfor"SelectionofConcessionaireforDesign,Development,Implementation,OperationandMaintenanceofS martParkingSolutionforOn-Street,Off-StreetandMulti-LevelParkinginGwalioronPPPmodel".

GSCDCL,itsemployeesandadvisersmakenorepresentationorwarrantyandshallhavenoliabilitytoanyperso nincludinganyBidderunderanylaw,statute,rulesorregulationsorpart,principlesofrestitutionorunjustenri chmentorotherwiseforanyloss,damages,costorexpensewhichmayarisefromorbeincurredorsufferedonacc ountofanythingcontainedinthisRFPorotherwise,includingthe accuracy,adequacy,correctness,reliabilityor completenessof the RFPandanyassessment,assumption,statementorinformationcontainedthereinordeemedtoformpartofthis RFPorarisinginanywayinthisSelectionProcess.

GSCDCLalsodoesnotacceptanyliabilityofanynaturewhetherresultingfromnegligenceorotherwisehowever causedarisingfromreliancebyanyBidderuponthestatementscontainedinthisRFP.

GSCDCLmayinitsabsolutediscretion,butwithoutbeingunderanyobligationtodoso,update,amendorsupple menttheinformation,assessmentorassumptioncontainedinthisRFP.

TheissueofthisRFPdoesnotimplythatGSCDCLisboundtoselecttheConcessionaireforfor"Design,Developmen t,Implementation,OperationandMaintenanceofSmartParkingSolutionforOn-Street,Off-StreetandMulti-LevelParkinginGwalioronPPPmodel"andGSCDCLreservestherighttorejectalloranyoftheProposalswithout assigninganyreasonswhatsoever.

TheBiddershallbearallitscostsassociatedwithorrelatingtothepreparationandsubmissionofitsProposalincl udingbutnotlimitedtopreparation,copying,postage,deliveryfees,expensesassociatedinconnectionwith orrelatingtoitsProposal.Allsuchcostsandexpenseswill remainwiththeBidderandGSCDCLshallnotbeliableinanymannerwhatsoeverforthesameorforanyothercos tsorotherexpensesincurredbyanBidderinpreparationorsubmissionoftheProposal,regardlessoftheconduc toroutcomeoftheSelectionProcess.

Section1.0

Instructionsto Bidders

SECTION 1.0: INSTRUCTIONS TO BIDDERS

1. Instruction to Bidders

A. The Bidders are required to read carefully the contents of this document including Technical Capabilities.

B. The bidders shall have to submit their Bids online and upload the relevant documents as per key dates. Technical documents should reach the office of the Executive Director, Gwalior Smart City Development Corporation Limited, Gwalior Municipal Corporation, Narayan Krishna Shejwalkar Bhawan, City Center, Gwalior-474011, Madhya Pradesh, GSCDCL, will not be responsible for any delays.

C. RFP document can be purchased online only from e-portal www.mpeproc.gov.in by making online payment of <mark>Rs.25,000/-(Twenty Five Thousand Only</mark>y).

D. The Bid Data should be filled and the Bid which includes all the envelopes and the documents which are to be uploaded by the Bidders should be submitted.

E. The Bidders shall have to submit their Bids online as per the RFP.

F. The pre bid meeting is open to all interested prospective bidders.

G. The Bidders are to complete the RFP document and provide all the other documents/information in sufficient detail. The completed Bid must be prepared and submitted in original, and must be so marked.

H. All documents must be in English language and each page of the Bid must be duly completed. Each page of the Bid must be signed, numbered and stamped as a token of acceptance of the terms and conditions of the contract. Any unsigned and unstamped document will not be considered.

I. The Bidders should note clearly the last date and time of submittal of the Bids. No late or delayed Bids will be accepted. Bidders are reminded that no supplementary material would be entertained by GSCDCL. However GSCDCL may, if necessary, at its sole discretion ask for any clarification regarding the submitted Bid and/or other documents.

J. The Bidders and/or successful bidder who are/is found to have made any misleading or false representations in the Bid including any statements, attachments, document, Performa's and Annexure submitted as proof of the requirements, shall be disqualified and will lead to forfeiture of EMD

2. Bidding Process

A. The entire bidding process shall be online (e-Tendering) in three cover system. The Bidders shall have to submit their Bids online as per the RFP.

3. Definitions and Interpretations

3.1. Definitions

"Agreement" or Concession Agreement" shall mean the Concession Agreement entered among the GSCDCL and Successful Bidder. Gwalior SMART City Development Corporation Ltd. shall mean GSCDCL.

"Concessionaire"" shall mean the Bidder selected and nominated by the "GSCDCL" to implement the Project on the terms and conditions stipulated in the Concession Agreement.

"Bid or Proposal" shall mean Bid submitted by the Bidder for any or all of the projects, in response to this RFP including clarifications and/or amendments to RFP, if any.

"Bid Security" shall mean the security furnished by the Bidder as stipulated in the RFP document.

"Bid Evaluation Committee" shall mean the committee constituted by the GSCDCL for evaluating the Bids.

"CommercialOperationDate"or"COD"meansthedateuponwhichtheConcessionairecommencescommercialoperationsoftheProject.

"ContractPeriod"or"ConcessionPeriod"shallmean10(Ten)year'slicenseperiodstartingfr o m the date of "Signing of the Concession Agreement" or 1st lot of clear site handover, whichever is later for project implementation,or so amended as per agreement between the parties.

"CarParkingSlot"isanindividualparkingspaceforone(1)passengercar.

"Collection"isasetofprocessesdesignedtothereception,consolidation,transportationanddepositofthemoneysderivedfromtheinitialisationandchargeinSmartParkingSystem.

"ControlCentre"meansthecentralfacilityusedmainlyforservicemonitoringandoperationscontrolandforcollecting,storing,consolidating,processingtheinformationobtainedfromvariouselementsoftheparkingmanagement,agents,employees,serviceproviders,communicationssystemsandrelatedelements.

"CommercialBid"shallhavethemeaningassetforthintheRFPdocument.

"Commencement Date" when actions begins pertaining to a Concession Agreement.

"ConcessionaireFacilities"meansthefacilitiesandequipmentproducedordevelopedby the"Concessionaire"thatarerequiredforthedueimplementationofthisContract.

"Concessionaire"meansthesuccessfulbidderselectedunderthisRFPwithwhomGSCDCLhasenteredintoa "ConcessionaireAgreement".

"DueDate"shallmeanthelastdateforsubmission/receiptoftheBid,asmentionedintheRFPdocument.

"EquivalentCarSpaceFactor"or"ECSFactor"isthesizeofaParkingSlotforatypeofvehicleexpressedasafractionofthesizeofaCarParkingSlot.

"FineRate"isetheParkingFineperhourapplicableforadesignatedvehicle,time,andplace.

"Authority"shall mean Gwalior Smart City Development Corporation Limited(GSCDCL),Gwalior.

"SmartParkingSystem"meansasysteminwhichcollectionofparkingfeesandsystemmonitoringandsystemenforcementismanagedinreal-timeusingacentralserverandcontrolcentre.

"Letter   ofAllotment"   or   "LOA"   means   the   letterissuedbyGSCDCL   to theSuccessfulBiddertoprovideSmartParkingSysteminconformitywiththetermsandconditions setforthintheRFP.

"MinimumDevelopmentObligations"shallmeantheMinimumDevelopmentRequirementstobemetbytheSuccessfulBidder(Concessionaire)inimplementationofeachoftheProjects;thedetailsoftheMinimumDevelopmentObligationsaregiveninthe RFP.

"MCG"MunicipalCorporationofGwalior.

"No-ParkingArea"meansallareasotherthanwhereparkingispermittedasperscheduleIofthisAgreement.

"OperatingPlan"isasetofrulesandoperatingproceduresrelatedtoparkingareas(notificationofpaidparking,freeparkingandno-parking),parkingfeeanditspayment,signageandmarkings,enforcementandotheraspectsoftheSmartParkingSystem.Thecontentsoftheplanmaybemodifiedfromtimetotime.

"OperationsPeriod"meanstheperiodcommencingfromcommercial operations date (COD) and endingon the expiryorpriorterminationofthisConcession Period;

"ParkingDuration"isthedurationforwhichavehicleisparkedinaParkingSlot.

"ParkingEvent"isanactthatoccurswhenavehicleisinastationarypositioninaPaidParkingLot.

"ParkingBasePrice(PBP)"is   an   amountcharged   by"Concessionaire"forvehicleparkingin

anonstreet,offstreetandinamulti-levelparking.

"ParkingFine"or"Fine"isanamountchargedbyGSCDCL/TrafficPoliceforvehicleparkinginaBlockFaceorParkingLotwithoutpayingtheapplicableParkingFeeorforparkinginaNo-ParkingArea.

"ParkingLot"isanonstreet,offstreetandinamulti-levelparkingpublicparkingareawithoneormorediscreteentranceswhereusersmaybeallowedtoparkvehicles,foraFeeorforfree,dependingonthenotification.EachParkingLotisdenotedbyauniqueidentificationcode.

"FeeRate"istheParkingFeepere n t r y f o r maximum of 24 Hourapplicableforadesignatedvehicle,time,andplace.

"ParkingSlot"isaparkingspaceforone(1)vehicle.

"ParkingUnit"meansaquantityofparkingareainaBlockFace orParkingLotof asizeequivalenttothesizeofaCarParkingSlot.

"PaymentPeriod"istheperiodforwhichan invoicehasbeensubmittedbythe"Concessionaire"fortheserviceoperatedbythe"Concessionaire".Thisshallbe,unlessotherwisemodified,beaperiodoffourteen(14)days.

"SuccessfulBidder"shallmeantheBidder,whoseBidisdeclaredastheBidwiththehighestConcessionfeequotedfortheprojectasaresultoftheBidevaluationprocessassetforthinthisRFPdocument.

"Project"means,Design,Development,Implementation,OperationandMaintenance ofSmartParkingSolutionforon-street,off-street,multi-leveldesignatedparkingspaces(fourwheelers,twowheelersandbuses)inGwaliorandsubjecttotheprovisions ofthisRFPandAgreement,(i)financing,constructionatthesite,implementation,completion,commissioning, management,operationandmaintenanceoftheProject,executionoftheworksandallactivitiesincidentalthereto,suchasengineering,testing,installation,commissioningandinsuranceetc.,bytheConcessionaireduring theConcessionPeriod;and(ii)thetransferoftheProject/ProjectFacilitiesbytheConcessionairetoAuthorityori tsnominatedagencyattheendoftheConcessionPeriodbyeffluxoftimeorpriortermination;

"ProjectAgreement"shallmeanConcessionAgreementandanyotherlegaldocumentsasmutuallyagreedtobet weentheGSCDCLandtheSuccessfulBidder,necessaryforimplementingtheProject.

"ProjectCompletionPeriod"shallmeanthetotalperiodinwhichtheconstructionoftheproject(asperthedesign s)andcertifiedbyAuthorityoritsnominatedagency.

"RequestforProposalorRFP"shallmeanthisdocument.

"ServiceCertificate"meansadocumentthataccreditscompliancebythe"Concessionaire"withallrequirement sestablishedinthecontracttoallowtheparkingmanagementcompanytobeginoperations.

"ServiceCharge"meansanamountGSCDCLwillcompensatethe"Concessionaire"foroperationoftheParking System,subjecttoincentives.

"System"shallmeantheSmartParkingSystem."SOP"sh

allmeanStandardOperatingProcedure.

"TwoWheelerParkingSlot"isdefinedastheindividualparkingspaceforone(1)motorisedtwo-wheeledvehicle.

"TechnicalCriteria"or"Criteria"shallmeanthecriteriastipulatedintheRFP, which i s requiredtobe compliedbytheBidderbasedonhisTechnicalBidtobecomeeligibleforopeningandevaluationofhisCommercia lBid.

"UserAccount"meansarecordwiththe" Concessionaire"thatincludesauser'smobilephonenumber,oneorm orevehiclelicensenumbers,andaprepaidbalancefromwhichtheusermaypayforParkingFeesandParkingFin es.

"User"meanstheoperatorofavehiclewhoparksinon-street,off-streetandinamulti-

levelParkingLotoperatedbythe"Concessionaire".

Anyotherterm(s)notdefinedhereinabovebutdefinedelsewhereinthisRFPshallhavethemeaning(s)ascribedtosuchterm(s)thereinandshallbedeemedtohavebeenincludedinthisSection.

3.2. **Interpretation**

IntheinterpretationofthisRFP,unlessthecontextotherwiserequires:

I. The singularofany defined termincludesthe plural and viceversa,and any word or expressiondefinedinthesingularhasthecorrespondingmeaningusedinthepluralandviceversa;

II. Referencetoanygenderincludestheothergender;

III. Unlessotherwisestated,areferencetoaClause,Sub-Clause,Paragraph,Subparagraph,Annex,Exhibit,Attachment,ScheduleorRecitalisareferencetoaClause,Sub-Clause,Paragraph,Subparagraph,Annexure,Exhibit,Attachment,ScheduleorRecitalofthisRFP;

IV. Areferencetoanyagreementisareferencetothatagreementandallannexes,attachments,exhibits,schedules,appendicesandthelikeincorporatedtherein,asthesamemaybeamended,modified,supplemented,waived,varied,addedto,substituted,replaced,renewedorextended,fromtimetotime,inaccordancewiththetermsthereof;

V. Theterms"include"and"including"shallbedeemedtobefollowedbythewords"withoutlimitation",whetherornotsofollowed;

VI. Anyreferencetoapersonshallincludesuchperson'ssuccessorsandpermittedassignees;

VII. Areferencetoa"writing"or"written"includesprinting,typing,lithographyandothermeansofreproducingwordsinavisibleform;

VIII. AnydateorperiodsetforthinthisRFPshallbesuchdateorperiodasmaybeextendedpursuanttothetermsofthisRFP;

IX. Areferenceto"month"shallmeanacalendarmonth,areferenceto"week"shallmeanacalendarweekandareferenceto"day"shallmeanacalendarday,unlessotherwisespecified.

X. Theterms"hereof,"Herein","hereto","hereunder"orsimilarexpressionsusedinthisRFPmeanandrefertothisRFPandnottoanyparticularArticle,ClauseorSectionofthisRFP.Theterms"Article","Clause","Paragraph"and"Schedule"meanandrefertotheArticle,Clause,ParagraphandScheduleofthisRFPsospecified;

XI. Inthecaseofanyconflict,discrepancyorrepugnancybetweentheprovisionsofRFPdocuments,provisionsoftheConcessionAgreementshallprevailoverandsupersedetheprovisionsofotherdocuments.

XII. The descriptive headingsof ArticlesandSectionsare insertedsolelyfor convenienceofreferenceandarenotintendedascompleteoraccuratedescriptionsofcontentthereofandshallnotbeusedtointerprettheprovisionsofthisAgreement;

XIII. AllcapitalisedwordsandexpressionsusedintheRFPbutnotdefinedthereinshallhavethesamemeaningasascribedtothemintheAgreement.

4. **GeneralConditions**

I. ThissectionshouldbereadinconjunctionwithothersectionsofRFP.Thewordsandexpressions,whicharedefinedinthis SectionofRFPi.e.Instructions toBidders(ITB),havethesamemeaningwhenusedintheotherSectionsofRFP,unlessseparatelydefined.

II. TheITBsetsoutthebiddingprocedureandprovidesnecessarydetailsfortheBidderstopreparetheirBid/sforthesubjectProject/s.TheprescribedformatsforsubmissionofBidsareaspertheSection-IIIoftheRFP.

III.   TheBiddersareadvisedtosubmittheirBidscomplyingwiththerequirementsstipulatedintheRFPdocument.TheBidsmayberendereddisqualifiedincaseofreceiptofincompleteBidsand/ortheinformationisnotsubmittedaspertheprescribedformats.

IV.   TheprospectivebiddersarerequiredtoinspectthelocationofSmartParkingdefinedin**Annexure-1**andafterinspectionofthesiteoftheproposedSmartParkingtheymayquotetherates.TheBiddersubmittingtheBidwillbeconsideredtohaveacceptedallthetermsandconditionsandnofurthertermsandconditions willbeaccepted. Noenquiries in

writtenorverbalwillbeentertainedwithregardtoacceptance/rejectionoftheBid.AnyattemptonthepartoftheBiddertoinfluenceanyofficial/officerofthisOrganisationwilldisqualifytheBid.SmartParkinglocationsshallbeavailableon"asiswherebasis"asdefinedinAnnexure-1tothesuccessfulbidder.TheprospectivebiddersshouldsatisfythemselvesastothesuitabilityoftheproposedlocationofSmartParkingforpurposesoferection/installationofSystem.

V.   ThegrantofConcession;interest,ownershipandrightswithregardtoSmartParkingSystemerected/installedbytheConcessionaireforGSCDCLalongwithfixtures/fittingsprovidedthereinshallvestwiththeGSCDCLexceptthatthesewillbeoperatedandmaintainedbytheConcessionaireduringtheConcessionPeriod.Thetitle,interestinandownershipoflandremainwiththelandowningagency.

5.   **Introduction**

I.   Withthegrowthofeconomy,vehiclehasbecomeanecessityinourdailylifemakingthevehiclequantityincreaseddramatically.Vehiclebringsconveniencetopeople,yetparkingcausesseriousproblemsbecauseofpoormanagementatthesametime.Fordriversandmanagers,traditionalparkingmanagementhasn'tmettheirneedsinefficiency,securityandperformance.Therefore,theneedforaSmartParkingSystemwithhighefficiency,lowcostandhighsecurityisindispensableforpeopleinthemodernsociety.

II.   GSCDCL-(the"Authority")envisagescreationofstate-of-the-artpublicinfrastructurefacilitieswithaprincipalviewtoestablishGwaliorasauserfriendlyandSmartCity.Effectiveparkingmanagementisanessentialtooltofacilitatetheefficientuseofroadspaceandtoensurefreepassageforpedestrians,cyclists,publictransport,andUsers.Inaddition,appropriateparkingfeescanensurethatpersonalmotorvehicleuserscompensatethecityfortheuseofvaluablelandonwhichtheyparktheirvehicles.GSCDCL   -   (the"Authority")seekstoimplement   a   SmartParkingSystemtoimproveparkingoperations,optimiseusageoftheavailableparkingsupply,andenhancetheoverallfunctioningofstreetsinthecity.ThenewParkingSystemwillemployaninformationtechnology(IT)backbonetofacilitategreatertransparencyandefficiencyinthecollectionofparkingfeesandenforcementoperations.

III.   Managementstructure-TheConcessionairewillestablish,operate,andmaintaintheSmartParkingSystem.TheConcessionairecarriesoutparkingoperations,includingfeecollectionandenforcementondesignatedstreets,ParkingLotsandinNoParkingAreas.TheConcessionairewillcreatedirectdatalinkswiththe(CentralCommandCentre)sothatGSCDCLcanmonitorthestatusoftheparkingsystem.

IV.   ParkingAreas-GSCDCLwillassignspecificareasforDevelopment,Implementation,OperationandMaintenanceofSmartParkingSolutionforonstreet,offstreetandinmulti-levelparkingtotheConcessionairewithinGwaliorCity.TheConcessionairewillberesponsibleforDevelopment,Implementation,OperationandMaintenanceofSmartParkingandno-parkingareasthroughclearsignageandroadmarkings.ThesignagewillalsodisplaytheapplicableParkingFee.

V.   GSCDCLisnowissuing"RequestforProposal"(RFP)andinvitingonlineproposalsfromtheeligiblebiddersforDesign,Development,Implementation,OperationandMaintenanceofSmartParkingSolutionforonstreet,offstreetandinmulti-levelparkingondesignatedparkingspaces(fourwheelers,twowheelersandbuses)inGwalioronPPPmod

elthroughtheportalwww.mpeproc.gov.in.

VI. ParkingFeePaymentMechanism-
TheSmartParkingSystemshallalsoincludetheoptionofcashlesspayment.

VII. Paymentsaretiedtoavehicle'slicenseplatenumber,whichisinturnusedintheenforcementprocesstoch eckwhetherthevehicleispaidorunpaid.AregularuserwillhavetheoptionofsigningupforaUserAccount connectedtoaregisteredvehicleandmobilenumber(s)thatcanbeusedforParkingFeepaymentanywher einthecity.

Sl. no.	KeyInformation	Details
1.	**Project**	SelectionofConcessionaireForDesign,Development,Implementatio n,OperationandMaintenanceofSmartParkingSolutionForOnStreet, OffStreetandMulti-LevelParkinginGwalioronPPPModel
2.	Authority	GSCDCL
3.	**ProjectComponents**	ThedesignofSmartParkingSystemshallbesafe,modern,innovative,t echnologydriven,andcashlessandshallensurestructural stabilityandsafetyaspertheminimumdevelopmentobligationsprovi dedinthis RFP. Beforeexecution/installationoftheSmartParkingSystem,theConce ssionaireshallpreparethedesignsanddrawingsoftheeachSmartPar kingSystemaspertheclausesofthisRFPbycertifiedstructuralengine erathisowncost. Facilitatethe regularvisit, oftheGSCDCLofficialsandGSCDCLappointedconsultant(ifany),tot hesiteduringconstruction/installationofSmartParkingSystem. Theminimumdevelopmentobligationfordevelopment/installationo fSmartParkingSystemwithspecificationsincludinginformationand advertisementpanelareprovidedinthisRFP.Theselectedparkingope ratorshallundertaketheSmartParkingSystemdevelopment/install ationandimplementationstrictlyinaccordancewiththeminimumde velopmentobligation.
4.	**ProjectLocation**	On-Street,Off-StreetandMulti-LevelParking(AsPerAnnexure-1)
5.	**Development Controls/ Guidelines**	All applicableguidelinesincludingIndianRoad CongressGuidelines/NationalHighwayAuthorityofIndia(NHAI)reg ulationsandanyotherregulationsissuedbyanyotherStatutoryAuth oritiesapplicablewithinthejurisdictionofGSCDCL/MCG.

6.	TechnicalSpecifications	GenerallyasperapplicableBISCodesandNationalBuildingcode,MinistryofRoadTransportandHighways(MORTH)regulations,IndianRoadCongressCode(IRCC)andanyotherapplicableIndianStandardsoritsequivalent. FewdetailsprovidedinfollowedsectionsofthisRFPdocument.
7.	MinimumDevelopment Obligations(MDOs)	TheSmartParkingSystemshallbeinstalledandoperationalisedbytheConcessionairewithinThree(3)monthsfrom theagreementdate/DateofClear SiteHandoverfromGSCDCLwhicheverisearlierinaccordancewiththeRFP stipulations, OperateandMaintaintheProjectfacilitiesaspertheISO-9001:2008Standardsorequivalent.
8.	ImplementationFormat	PublicPrivatePartnership(PPP)Format.
9.	AuthorizationFormat	Design, Build,Finance,Operate,MaintainandTransfer"(the"BFOMT")Basis

10.	BidEligibilityCriteria	BiddershallmeettheEligibilitycriteriondefinedinthisRFP
11.	BidSecurity-EarnestMoneyDeposit (EMD)	AnamountofRs.5,00,000/- (RupeesFiveLakhonly)DemandDraft(DD) orBank GuaranteeorFDRdrawnfromanyNationalised/ScheduledBankofIn diainthefavourof"ExecutiveDirector,GSCDCL"payableatGwaliors hallbesubmittedtowardsBidsecurityalongwithitscompleteBid.
12.	Pre-condition for Signing Authorization Agreement	TheConcessionAgreementshouldbesignedwithin15(Fifteen)daysfr omtheissueofLetterofAllotment(LoA).Thefollowingisthepre-conditionsforsigningofConcessionAgreement: 1.SubmissionofPerformanceSecurity
13.	PerformanceSecurity	AnirrevocableandunconditionalPerformanceSecurity/BankGuar anteefromaNationalised/ScheduledBankpayableatGwaliorforana mountRs.40,00,000/-(RupeesFortyLakhonly). ThePerformanceSecurityshallbesubmittedbytheselectedBidderpri ortosigningtheConcessionAgreementwithGSCDCL.TheBankGuar anteeshallbevalidforatleast10Yearplus180Days.
14.	ConcessionPeriod	TheConcessionperiodwillbeTwelve(10)years, starting from the date of "Signing of the Concession Agreement" or 1st lot of clear site handover, whichever is later for project implementation, orsoamendedasperagreementbetweentheparties. TheConcessionaireshallinstall/erectalltheSmartParkingSystem mentionedunderthisRFPdocumentforaperiodof10(Ten)years.
15.	MinimumConcession Fee	The Concession FeeisRs.6,50,000(RupeesSixLakhFiftyThousandOnly)(exclusiveofa lltaxes)permonth.
16.	Handover of Sites	ItisanticipatedthatGSCDCLshallensurehandoverofeachsite("par kinglot")includedwithinthisscopetotheconcessionairewithinspan ofthreeyears,withthe understandingthattheentiresetof24sitesshallhavetobecompleted andcommissionedwithinaspanofthreeyearsfromthedateofsigning oftheconcessionagreement.
17.	MoratoriumPeriod	ForeachsitethatwhereGSCDCLensuresclearhandoverofthesitetot heconcessionaire,i.e.siteishandedoverfreefromencumbrancesan dwithunrestrictedaccessthroughmeansofaformalletterofhandove r,amoratoriumperiodofThreemonthshallbeineffectwithinwhichth econcessionaireshallmakeall construction and preparatoryarrangementstostartparkingoperationsfromsuchsite .TheConcessionfeeorpartthereofshallbecomepayable(orshallaccr ue)fromthedaythemoratoriumperiodlapses.GSCDCLwillnotchar getheConcessionairetheConcessionFeeforthemoratoriumperiod.

18.	**SelectionofBidder**	The selectionofSuccessfulBidderwillbe doneonH1 basis**i.e.thehighestconcessionfeequoted.**
	BidValidity	180daysfromtheduedateofBidsubmission

5.1. **Enforcement**

5.1.1. **ParkingSites**

TheConcessionaireshallprovideenforcementofficerswhoshallcarryoutenforcementthroughrandomspotchecks.Inonstreet,offstreetandinmulti-levelparking,officerswillscanlicenseplatenumbersandlicensenumberusinghandhelddevices.Intheeventof avehicleusernothavingpaidtheParkingFee,theenforcementofficerwilltakeaphotoofthevehicle,notifythePa rkingsystem,andimmobilizethevehicle.Thevehicleshallbereleasedonlyuponpaymentofthefinestoadesign atedandcompetentauthority,againstreceiptonly.Enforcementofficerswillnotcollectfinesdirectly.Toaidinen forcementactivities,theConcessionairewillalsoprovidevehicledetectionsensorsforallonstreet,offstreetandi nmulti-levelparkingtotrackandmonitorthearrivalanddepartureofeveryvehiclethatparksinadesignatedParkingSl ot.

5.1.2. **NoParkingArea**

Intheeventthat a vehicleuserisparkingor hasparkedina No-ParkingArea, the parkingenforcement officers willnotify theTrafficPolice, and tow/clamp/immobilisethevehicle. AUsermustpaytheapplicableparkingfinetothe TrafficPolice,afterthepaymentsoffineavehiclewillbehandedovertotheowner.TheConcessionairehastodepl oythetowtruckorvehicleimmobilisationthroughclampingforeffectiveenforcementofparking,theGSCDCLb asedontheenforcementplansubmittedbyConcessionairewillsuggestthenumberoftowtrucksforeffectiveen forcementofparking.TheConcessionairehavetoengagethetrafficpoliceforeffectiveenforcementofinsidepar kingandinNoParkingareas.Thevehicletowingcharges,atthetimeofthisagreementcomingintoeffectshallbe-**for2wheelers-Rs.200/-(RupeesTwoHundredOnly)&for4wheelers-Rs.400/-(RupeesFourHundred Only)**.Thesechargeswillbeaddedtothecostofno-parkingpenalty,andshallaccruebacktotheConcessionaire,andadjustedthroughasuitablepaymentmecha nism,viz,adjustmentinamountofconcessionfees.Thetowingchargesmayberevisedbygovernmenttime-totime.

5.2. **CustomerInformation**

TheSmartParkingSystemwillprovideinformationtoUserthroughvariousmediaincludingtheInternet,smart phoneapplications,webportalandon-streetsignages.Userwillbeabletoviewreal-timeon-street,off-streetandmulti-levelparkingoccupanciesandapplicableparkingfee,enablingthemtoidentifystreetsorlotswithopenspacesa ndapplicableratesbeforeplanningtheirtrips.Thesystem willalsoprovidemapsindicatingwhereparkingfeesareapplicable.Thesystemwill makeuseofsocialmediatokeepcityresidentsapprisedofnewregulationsandsmartparkingsystemfeatures.

5.3. **ScopeandTimeline**

a) TheParkingOperatorwillcoveralllocationsspecifiedasperAnnexure-1inthecity.Thesystemmaybeexpandedinsubsequentphases;suchexpansion,ifaddedtothescopeofwor k(s)willbetakenuponthesamebasis.

b) Themaximumtimeperiodfor completionof theerection/installationof all SmartParkingSystemshallbethreemonths(includingrainyseason)afterhandoverofsuchaparkinglot.

c) GSCDCLherebyrequestsinterestedPartiestorespondtothiscallforRequestsforProposal(RFP)todevelop andoperatetheParkingSysteminGwalior.

6.   OverviewofProject

GSCDCLherebyinvitesBidsforSelectionofaConcessionaireforDesign,Build,Finance,OperationandMaintenanceofSmartParkingSolutionforonstreet,offstreet,multi-levelGSCDCLdesignatedparkingspaces(fourwheelers,twowheelers,buses)inGwalioronPPPmodelfortheConcessionperiodof10(Ten)years(includingthreemonthimplementationperiod).Broadlytheprojectincludesfollowingworks:

a)   Toprovideandinstallssmartparkingsolutionateachon-street,off-streetandmultilevelparkinglocationsfortwowheelers,fourwheelersandbusesforeveryonstreetandoffstreetparking,basestation/gateway,networkrouters/switches,smartparkingequipmentwithentryandexitstationwithRFIDreaders,automatic pay stationsand boom barriers foroffstreetandMLCparking. TheConcessionairehavetoinstall completetechnology enabledsmartparking systemthatpre-emptson-street,off-streetandinmulti-levelparkingviolations.

b)   Toprovideandinstallnecessaryhardwareandsoftwareforparkingmanagementandguidancesystemforonstreet,offstreetandmulti-levelcarparking.

c)   ToprovideandinstallnecessaryLEDsignage(Smallandlargesize-variablemessagingsignboard).spacesandothernecessaryinformation,atlocationsadjacenttoeachparkinglot.LargesizeLEDsignageshallbeconfirmingtoIP55standard.LEDsignagewillbeforguidancetopublicregardingavailabilityofparking

d)   SetupandmaintenanceofCentralControlCentreincludingDataCentrewithappropriatehardwareandsoftwareforviewing,analysing,storingandretrieval oftheCCTVfeedandmonitoringandmanagingofSmartParkingprovidelivefeedtoGSCDCL;

e)   SmartParkingMobileApplicationforparkingservices;

f)   Comprehensiveoperationandmaintenanceofallhardwareandsoftwareinstalledfor thisprojectthroughoutConcessionaireperiod.

g)   TomanageandcollectrevenueaspertarifffixedbyGwaliorSmartCityforalltheparkinglots(onstreet,offstreetandmulti–levelparking)definedinthisRFP.

h)   TopayGSCDCLamonthlyConcessionfeetilltheexpiryoftheconcessionperiod.

i)   ProvidetowtrucktohandleparkingenforcementandtosupportGSCDCL/TrafficPoliceincollectingpenaltiesasperGovernmentpolicy.

j)   ToprovidesinglespaceidentificationwithLEDindicatorsforindoorparkingdisplayingtheavailabilityofparkingslots.

k)   PremiumandvaletparkingfacilitiestobeprovidedwhereeverrequiredwithmutualagreementwithGSCDCL.

l)   SmartParkingMobileApplicationandonlineportalforcitizenstoviewparkinganddoingtherequiredreservation.

m)   IntelligentParkingsystemsimprovedriverinformationandenrichthedrivingexperience.

n)   Thedataproducedhelpsshapetrafficbehaviour,withthestatisticsbeingvitalforcityplanning.

o)   Emissionsandpollutionarereducedasaresultofreducingvehiclescirclingaroundlookingforparking.

p)   Linkstoenforcementsystemscouldhelpimproveparkingcompliance.

7.   ScopeofWork

7.1. TermsofContract

TheConcessionairewillinstall,maintain,andoperateanIT-BasedSmartParkingSystemtocollectparkingfeesintheassignedParkingSitesofthecity.Technicalspecificationsforspecific componentsaredescribed.

TheConcessionaireshallcarryoutthefollowingactivities:

7.1.1. CivilconstructionWork

MinimumfollowingconstructionworkshallbeperformedbySuccessfulbiddertodeveloptheparkingareas beforeoperationofparkinglots.

i. Supply,layingandfixingofapprovedchequeredprecastcementconcretetilesof18-20mmthickinparkingareas,jointedwithneatcementslurrymixedwithpigmenttomatchtheshade oftilesincludingrubbingandcleaningetc.completeon20mmthickbedofcementmortar1:4(1cement:4coarsesand).

ii. Providingandlaying,atorneargroundlevelfactorymadekerbstoneofM-25gradecementinpositiontotherequiredline,levelandcurvaturejointedwithcementmortar1:3(1cement:3coarsesand)includingmakingjointswithorwithoutgrooves(thicknessofjointsexceptatsharpcurveshallnottomorethan5mm)includingmakingdrainageopeningwhereverrequired completeetc.as per direction of Engineer-in-charge. (Precast C.C. kerbstoneshallbeapprovedbyEngineer-in-charge).

iii. Dismantlingofflexiblepavement(bituminouscoursesandRCCslab)bymechanicalmeansanddisposalofdismantledmaterialuptoaleadof1000meters,asperdirectionofEngineer-in-charge.

iv. ConstructionofdryleancementconcreteSub-baseoverapreparedsub-gradewithcoarseandfineaggregateconformingtoIS:383,thesizeofcoarseaggregatenotexceeding 25mm,aggregatecementrationottoexceed15:1,aggregategradationafterblendingtobeaspertable ofMoR&THspecifications600-1,cementcontentnottobelessthan200kg/cum,optimummoisturecontenttobedeterminedduringtriallengthconstruction,concretestrengthnottobelessthan10MPAat7days,mixedinabatchingplant,transportedtosite, laidwithpaverwithelectronicsensor/mechanicalpaver,compactingwith8-10tonnesvibratoryroller,finishingandcuring.

v. Providing&fixingretroreflectorizedcautionary,mandatory&informatorysignasperIRC 67madeofencapsulatedlenstypereflectivesheetingvideclause801.3,fixedoveraluminumsheeting1.5mmthicksupportedonamildsteelangleironpost75mmX75mmX6mm(heightfromcrownleveloftheroad&bottomofthesignboardshallnotbelessthan1.5m)firmlyfixedtothegroundbymeansof properlydesignedfoundationwithM15gradecementconcrete45cmX45cmX60cm,60cmbelowthe groundaspertheapproveddrawingincludingpaintingofverticalpostasperspecification.

→ParkingSignBoard(600X600mmSquare)

→NoStoppingNoStandingSign(600mmCircular)

7.1.2. CustomerService

a) TheConcessionaireshallestablishcustomerserviceplatformsforthesmartparkingsystem,including, butnotrestrictedtoacallcentre,website,smartphoneapplications,physicalkiosk,todisseminateinformation,assistwithregistrations,andaddressgrievances.

b) CarryoutmarketingactivitiestodisseminateinformationabouttheParkingSystem.

7.1.3. Legal

a) BearallapplicableNational,Stateandlocaltaxesonpurchaseofequipment.

b) Getthenecessarylicensesandclearancesfromrelevantauthorities,forprocessingpaymentsandrunningotheroperationstofulfiltherequirementsoftheSmartParkingSystem.

c) IndemnifyGSCDCLanditsofficers,employees,agentsandconsultantsforanyacts,errors,loss,omissionsincludingthirdpartyclaimsarisingoutoforinconnectionwiththeSmartParkingsystem.

d) Bearallapplicableinsurance,includingvehicleinsuranceandpassengerinsuranceasrequiredunder:

→AnyFinancingAgreements

→LawsofIndia

→SuchInsurancesasmaybenecessaryinaccordancewiththePrudentUtilityPractices.

7.1.4.   **Other Conditions**

A.   TheConcessionaireshalldevelopandmaintainSmartParkingonlyontheearmarkedsitesbyGSCDCL.Anyviolationshallresultincancellationofthecontract.

B.   Concessionairetobearall   expenses:TheConcessionaireshallincurallexpensesrelatedtocivil,electrical,automationandallmaterialworkswithinthesitethatarepartoforincidentaltocreatingofasmartparkinglot.UnderNocircumstancesGSCDCLshallbearanychargesrelatedtotheinstallation,erectionormaintenanceofequipmentatSmartParking.The

C .   Concessionairetobearall   expenses:TheConcessionaireshallincurallexpensesrelatedtocivil,electrical,automationandallmaterialworkswithinthesitethatarepartoforincidentaltocreatingofasmartparkinglot.UnderNocircumstancesGSCDCLshallbearanychargesrelatedtotheinstallation,erectionormaintenanceofequipmentatSmartParking.TheConcessionaireshallhavetogetthestructuralplansapprovedbytheStructuralEngineerof
goodreputedulyapprovedbyGSCDCL,athisowncost.

D.   Electricalconnectionorsolarpanel/systemshallbeusedatSmartParking.Nogeneratorrunningondiesel/petrol/keroseneoranybiofuelwouldbeallowedforprovidingpowerforillumination.
ElectricalconnectionsatSmartParkingshallbeinaccordwiththerelevant
IndianStandards.Concessionairehastoobtainallthepermitsandconnectionsoranyotherpermitrequiredtoobtainfromanyothergovernmentdepartment/agency,GSCDCLwillprovideallsupporttoConcessionaireonabesteffortbasisinthisregard.AnydelayinobtainingtherequiredpermitsissolelytheresponsibilityofConcessionaireonly.

E.   TheelectricalinstallationworkshallbeperformedbyalicensedelectricalworkerinaccordancewiththeApplicablelawsandtherelevantelectricitysupplier'srequirements.

F.   WhileinstallingtheequipmentsorduringtheConcession
Period,theConcessionaireshallnotcauseanydamagetoanystreetfurniture/pavementofthestreet,inanymannerwhatsoever.

G.   Theequipmentsshallbestructurallysoundandmaintainedingoodandproperlysecuredcondition.
AStructural   Engineerpracticing   in   thefieldof
structuralengineeringshallcertifythestructures.Concessionairewillbesolelyresponsibleforanystructuralinadequacyoranydamageorcasualty,accidentsthathappensatSmartParking.TheConcessionairehastosubmitthestructuresoundnesscertificateoftheSmartParkingeveryyearintheofficeofGSCDCL.

H.   Thesupportingstructureshallhaveanon-reflectivefinishtopreventglare.

I.   TheSmartParkingequipmentsandstructuresshallbewellmaintainedinsuchamannerthatareconsistentwith,andenhancetheambienceofthesurroundingarea.

J.   TheConcessionaireshallbesolelyresponsibleforanyinjuryordamagecausedtoorsufferedbyanypersonorpropertyarisingoutoforrelatingtotheSmartParkingSystemandtheconsequentialclaimorclaimsshallbebornebytheConcessionairewhowillalsoindemnifyandsafeguardthe
GSCDCLinrespectofanysuchclaimorclaims.TheConcessionaireoftheSmartParkingSystemshallalsobeliabletobuyinsuranceagainstpublicliability.

7.2. **Concession Period**

ThisConcessionperiodisbeinggrantedformonitoringandenforcementofontheon-street,off-streetandinmulti-levelparkingintheassignedsitesisforaperiodof10(ten)years(ConcessionPeriod).Thisisinclusiveofthemoratoriumperiodasdescribedin5above,para16intable.

7.3. **TrainingandTestingPeriod**

DuringtheTrainingandTestingPeriod,theConcessionaireshallmakeavailableitsstaffforthepurposeofTrainingprovidedbyGSCDCL.GSCDCLandConcessionaireshallusethisperiodtounderstandtheintricaciesofoperationsandfine-tunetheSmartParkingSystem.Nofineshallbeapplicableduringthisperiod.

7.4. **TimeLine**

TheConcessionairewillbeexpectedtomeetthefollowingtimeline:IndicativelistofdeliverablesandtimelinesforBidder:

S. No.	Milestone/Deliverable	Timelines
1	EngineeringandDesignReportofeachparkinglotforapproval	T+2weeks
2	ProjectImplementationPlanandSOPsforOperationsandMaintenanceofparkinglotskeepingtherequirementsdefinedinthisRFPaspriority.	T+2weeks
3	SOPsforControlandCommandCenteranditsintegrationwithothersystems.	T+6weeks
4	SOPsfor variousParkingservices(regular,overnight,weekly,monthly,valet,premium,online,andmobileapplication)	T+10weeks
5	Establishmentofthe SystemasperRFPand agreementwithGSCDCL	T+12weeks
6	1stMonthlyProgressReport (ThennextMonthlyProgressReportwillbepublished1monthor 4 weekslaterthan1streport;i.e.2ndonT1+08weeks,3rdonT1+12weeksandsoon) Thesereportswillcontinueforcomplete10(ten)yearsofO&Mperiod.Thesereportswillhavedetailsoftheparking venuescovered,overallnumberofparkingexecuted,parkingexecutedbycategory,revenuecollected,etc.Format ofthereportistobediscussedandpreparedbytheConcessionaireinconsultationwithGSCDCLandapprovedby GSCDCL.	T1+4weeks

Note:

- Tisthedateofhandingoveroneparkinglot.

-

- T1is the dateof startof operationsafterGo – Livebased on theagreedand approvedImplementationPlanwithGSCDCL.

- T1willbedecidedbasedonthemutualagreementofGSCDCLandthebidder.ItwillbeaftertherequiredapprovaloftheImplementationplan,SOPsbyGSCDCL,andaftertheestablishingofminimumrequiredsystemsis completeaspersatisfactionofGSCDCL.

8. **TeamComposition&QualificationRequirementsfortheKeyPersonnel**

Thebidderisexpectedtoprovide,at

NOTE: Bidderisrequiredtosubmitprofilesofkeyresourcesasdefinedintechnicalevaluationcriteriaofthis RFPintheformatas provided inthis RFPas partof the technicalbid.

S.No	Profile	Minimum Numberof Deployment	BasicQualificationCriteria	Min.ExperienceRequired
1	ParkingAttendants	40	SSC/10thPass	Overallindustryexperienceof6monthsto1Year
2	SecurityGuards	40	7thStandardPass	Overallindustryexperienceof1-2Years
3	Driversfortowtrucks	7	10thPasswithBadgeandappropriatedrivingLicense	Experienceof2+Years
4	HelpersforTow-Truck	7	7thStandardPass	Experienceof1+Year
5	OperationsManager	4	AnyDegree	Experienceof5-6Years.
6	Sr.Manager–Operations	2	AnyDegree	Experienceof7-8Years.
7	EnforcementAttendants	20	SSC/10thPass	Experienceof1+Year
8	Tech.SupportEngineers	5	Diploma	Experienceof1+Year
9	Manager-Technical	1	B.E/B.Tech	Engineeringwith5-6yearsexperienceor

9. **ConcessionPeriod**

a) Concessionperiodshallbefor10(Ten)yearsasperfollowingdetail.

b) SigningofConcessionAgreementwithin15daysfromthedateofissueofLetterofAllotment(LOA).

c) PeriodofConstructionandInstallationofSmartParkingwillbeThree(3)monthsfromthedateofclearhandover of sitebyGSCDCL.

d) However,theConcessionaireshallcommencetheparkingoperationsimmediatelyafterreceivingtheworkorderfromGSCDCLandafterThree(3)months,ConcessionaireshallstartpayingtheminimumConcessionFeeasprescribedtoGSCDCL.

e) Concessionperiodwillbe10(Ten)years,includingmoratoriumandimplementationperiodasdefinedinthisRFP.

10. **ConcessionFee**

a) TheMinimumConcessionFeeforconsiderationbyGSDCLshallbe₹6,50,000(RupeesSixLakhFiftyThousandOnly)permonthinthemannerprescribed.ApplicableTaxes,ifanyshallbepaidbytheConcessionaire.

b) TheBidderwhoseFinancialBidhasthehighestquotedmonthly**ConcessionFee**payabletotheGSCDCLfortheProject("H1Bidder")shallbetheSuccessfulBidder.

11. **PaymentTerms**

a) TheminimumConcessionFeemaybechanged(increasedordecreased),inproportiontothechange(increase/decrease)innumberofECSinparkinglotsgiventotheConcessionaire.

For thepurposeofdeterminingincreaseordecrease,thefollowingcalculationprincipleshallbeused:

ECSthataregainedorlostforanyreason,shallbecalculatedforasfollows:For

parkingspace for two-wheeler:Rs.2,400perannum,orRs.200permonth;

For parkingspace for four-wheeler:Rs.4,800perannum, or Rs.400permonth;

b) Provision of enhancement of base parking fee rates (Rs 5/entry for two wheelers and Rs 10/entry for cars) by 20% every fourth year (remains constant for three years) with the flexibility of annual increase also subject to a maximum of 20% over three years.

c) Provision of advertising rights for an area of 100 sqm (~1,076 sqft) at all parking locations with a similar enhancement of base advertising fee by 20% every fourth year (as above for parking base fee.

d) IncaseofdecreaseinparkingfeesbyGSCDCL,theConcessionairemayrequestGSCDCLtoreworktheminimumConcessionfee.TheGSCDCLmayreducetheminimumConcessionfeeearnedtobesharedwithGSCDCLinsuchcases.

e) TheConcessionaireshallpayalldutiesandtaxesarisingoutoforinconnectionwithitsobligationsunderthisConcessionAgreement,andtheConcessionFeeshallnotbeset-offorrevisedforsuchcosts.

f) TheConcessionaireshallpayConcessionFeetoGSCDCLonmonthlybasisbythe7thdayofthesubsequentmonththroughouttheConcessionPeriod,alongwithnecessarydetailedreportsrelatedtotheConcessionFeeandproofforsubmissionoftaxesandduties,asapplicable.

g) FailuretopaytheConcessionFeeintimewillattractaninterestof18%perannumcompoundedquarterlyontheentireamountofunpaidConcessionFeepayablefortheentireperiodstartingfromthedateon whichsuch paymentwasduetillthedateofactualpayment.Incaseofnon-paymentofConcessionFeeforaperiodoftwosubsequentmonths,GSCDCLwillencashthePerformanceSecurityequivalenttotheoutstandingConcessionFee.Thereafter,theConcessionairewillhavetoresubmitthePerformanceSecurityoffullamountwithinfifteendaysfromthedateofsuchencashment.IftheConcessionairefailstoresubmitthePerformanceSecurityoffullamountwithinthesaidfifteendays,thenGSCDCLshallterminatetheagreementandnocompensationwouldbepaidfortheinvestmentundertakenbytheConcessionaire.

h) TheConcessionFeeshallbepaidonmonthlybasisthroughouttheConcessionperiod.TheConcessionFeeiscalculatedbasedonminimumConcessionfeeasRs.6,50,000(RupeesSixLakhFiftyThousandOnly)(exclusiveofalltaxes)permonthinthemannerprescribed.TheConcessionFeeofthecurrentmonthshallbepaidbythe7thdayofthesubsequentmonth,alongwithnecessarydetailedreportsrelatedtotheConcessionfee.

i) Rebates inconcession fee on account of losses ofavailabilityofparkingslotsorlots:Incase anyparkingslotsorlotsarerenderedinoperableforaperiodoftimeonaccountofaccessbeingrestrictedtothemthroughanyactiontakenbytheNagarNigam,GSCDCL,anyotherlineDepartmentoftheState,oranypartyotherthantheConcessionaire,theconcessionfeecorrespondingtothoseslotsorlotsshallbeadjusteddownwardsbythefollowingamounts:

- Foreachtwowheelerslot:Rs.200(RupeesTwoHundred)x[numberofdaystheslotisnotavailabledividedbythirty]
- Foreachfourwheelerslot:Rs.400(RupeesFourHundred)x[numberofdaystheslotisnotavailabledi

videdbythirty]

Providedthattheconcessionaireshallrecordphotographicallysuchevidencethatindicatesthatapartor wholeofsuchparkinglotwasinoperableforthegivenperiod.

Providedthatsuch rebateshallnotapplytosituationswhereanypartorallofaparkinglotwasrenderedinoperableonaccoun tofanyactionoftheConcessionairehimself.

j)

ParkingRates:ParkingratesforparkinglotsinGSCDCLareahavebeendefinedbyGSCDCL.TheConcessi onaireshallchargeratesforparkingonlyasapprovedbyGSCDCLfromtimetotime.Theseratesareinclu siveofanyandalltaxes/duties,etc.,asapplicable.

12. ParkingFees,Fines&otherrightsoftheConcessionaire

12.1. FeeRatesandFineRates

GSCDCLwillsetFeeRatesandFineRates.The Parking Base Pricehasbeensetasfollows:

For two-wheelers (including those fitted with accessories for differently abled people): Rupees Five per entry or 24 Hours whichever is less

For four wheelers (LCV & LMV only): Rupees Ten, Rupees Ten per entry or 24 Hours whichever is lessNagarNigamGwaliormayelecttorevisetheseratesfromtimetotimeinexerciseofitspowersasdefineinthe MadhyaPradeshMunicipalCorporationsAct,1956.

12.2. ParkingFinesDetermination

GSCDCLwillsetFineRatesfornon-paymentofParkingFeesofatleastfour(4)timestheapplicableParkingBasePrice(PBP).

FineRateFor4Wheelers=10xParkingBasePrice(PBP)FineR

*ateFor2Wheelers=10*ParkingBasePrice(PBP)Where:*

- *PBP*istheParking Base Price fortherespectivevehicle type.TheConcessionairehaveto submittheenforcementplanforparkingsitesandfornoparkingareastoGSCDCL,andsamewillbediscussedwi thTrafficpoliceforeffectiveenforcement.

12.3. Advertisingrights

TheConcessionaireshallhave,ateachsitehandedovertoit:

Therighttoinstalluptounipolesorinformationstreetfurniture,whichmayofferupto100squaremeters ofdisplayareacumulativelyateachsite.

Providedthatsuchunipolesshallnotobstructorobfuscateanyinformationthatisrequiredbeingseenb yusers,administratorsoftheparkinglotorGSCDCL.

Andfurtherprovidedthatsuchinstallationsshallbestructurallysafe,soundandnotposinganykindof dangerorimpedimenttoanyvehicleorotherinfrastructureassetsuchascables,wires,accessetc.

AndfurtherprovidedthattheConcessionaireshallabidebyinstructionsissuedunderApplicableLaws asregardsinstallationofsuchunipolesandinformationstreetfurniturewithrespecttodisplayorsafetyf romtimetotime.

GSCDCLshallensurethegrantofwaiverofpaymentofadvertisingtaxonsuchunipolesorinformationstreetfur niture.However,otherapplicabletaxes,suchasGSTshallbepayablebytheconcessionaire. Advertisement will be with reference to Madhyapradesh Outdoor Advertisement Media Rules-2016, subject to the approval of GSCDCL.

12.4. Noothersourcesofrevenue

TheConcessionaireshallnotbeentitledtoanyothersourceofrevenuefromanyotheractivitysuchasleaseofgro und

orconstructedspace,oranyactivitycarriedoutonthepremisesoftheparkinglototherthanwhathasbeenspecif icallyauthorizedinthisagreement.

13. FineandFeeCollection

TheConcessionaireshallhavethelibertytocollectparkingfeesinamannerasdeemedappropriate;suchfeessh allconstitutepartofthereceiptssuchConcessionaireisentitledfor.

PaymentoffinesandpenaltiesshallbecreditedinfulltoaspecifiedaccountestablishedbyGSCDCL.TheConces sionaireshall not retain suchreceipts.

14. ProjectEngagementModel

TheEngagementmodelisbifurcatedintofollowingtwostages-

• ImplementationStage

• OperationandMaintenanceStage

14.1. ImplementationStage

14.1.1. ImplementationofSmartParkingSysteminPhases

a) ParkingchargesaretobecollectedbytheConcessionairebyusinganyconvenientmechanism,includin g,but not restricted to (i) cash, (ii)debit or creditcards,(iii)recognizedmobilewallets, (iv)storedvaluecards,issuedbytheconcessionaire,ifsodesiredbyhimorher,(v)othercontactlessform sofpaymentssuchasUPI,usingamechanismapprovedandrecognizedbytheNationalpaymentsCorp oration of India. Such levyshallbemadefromthedateof handingoveroftheparkinglotsbyGSCDCLtotheConcessionaireonasandwherebasis.

b) TheConcessionaireshallensurethatallcashlessformsofpaymentasindicatedaboveshallbeactivean d atthedisposal ofcustomerswithinthirty (30)daysfromthedateof handingoverofparkinglots.TheConcessionairemaydeployacentralizedplatformtoreconcilesuchpa ymentsfromeachparkinglotforallparkingslots.

c) Withinthreemonthsfromthedateofhandingoverofallparkinglotsoralot,completesmartparkingsolut ionistobeimplementedandoperationaliseasperscopedefinedinthisRFPdocument.

14.2. OperationandMaintenanceStage

a) TotalConcessionperiodis10(Ten)yearsfromthedateofclear1stlot of clearsitehandoverfromGSCDCLwiththesuccessfulBidder.

b) TheConcessionairewillstartoperationandmaintenanceofallparkinglotsfromthedateofhandingover ofparkinglotsbyGSCDCLtotheConcessionaire.

c) TheConcessionaireshalloperate,maintainandmanagethecompleteSmartParkingSystemasdesign edandbuiltunderthisRFPdocument,throughouttheConcessionperiodinaccordancewiththisRFPd ocument.

15. ProjectBusinessModel

a) ParkingchargesaretobecollectedbytheConcessionairebyusingcashlesspaymentmechanismfromt hedateofhandingoveroftheparkinglotsbyGSCDCLtotheConcessionaireonasandwherebasis.

b) TheConcessionairewouldpaytoGSCDCLeverymonththequotedConcessionFeeasquotedabovethro ughouttheConcessionperiod,subjecttominimumConcessionfeeof₹6,50,000(RupeesSixLakhFifty ThousandOnly)(exclusiveofalltaxes)permonthinthemannerprescribed.

16. ProposalPreparationCost

TheBiddershallberesponsibleforallthecostsassociatedwiththepreparationofitsProposalanditsparticipatio ninthebiddingprocess,includingalltypesofduediligenceintheprocess.GSCDCLwillnotinanywayberespons ibleorliableforsuchcosts,regardlessoftheconductoroutcomeofbidding.

17. DueDiligence

TheBidderisexpectedtoexamineallinstructions,forms,termsandspecificationsintheRFP.TheBidshouldbe precise,completeandintheprescribedformataspertherequirement(s)oftheRFP.Failuretofurnishallinforma tionrequiredbytheRFPorsubmissionofaBidnotresponsivetotheRFPineveryrespectwillbeattheBidder'srisk andmayresultinrejectionoftheBid.

18. ClarificationonRFPDocument

IntheeventthatanyBidderrequiresanyclarificationontheRFP,suchBidderareexpectedtosendtheirqueriest oGSCDCLinwritingbypost,courier,e-
mailorbyfacsimileatleast24(twentyfour)hourspriortothetimeofthePre-
BidMeetingatthefollowingaddresses/faxnumberinordertoenableGSCDCLtohaveadequatenoticeofthesai dqueriessothatthesamemaybeaddressedatthePreBidMeeting:

ExecutiveDirector,

GwaliorSmartCityDevelopmentCorporationLimited,GwaliorM

unicipalCorporation,

NarayanKrishnaShejwalkarBhawan,Cit

yCenter,

Gwalior-474011,MadhyaPradesh.

Nothing inthis section shallbetaken tomean or readascompellingorrequiring GSCDCLto respondtoanyquestionsortoprovideanyclarificationtoaquery.GSCDCLreservestherighttonotrespondtoqu estionsitperceivesasnon-
relevantwhichmayberaisedbyaBidderornottoprovideclarificationsifGSCDCLinitssolediscretionconsiders thatnoreplyisnecessary.

NoextensionofDeadlineforSubmissionofBidswillbegrantedonthebasis orgroundsthatGSCDCLhasnotrespondedtoanyquestionorprovidedanyclarificationtoaquery.

19. AmendmentofBiddingDocuments

AtanytimebeforetheDeadlineforSubmissionofBids,GSCDCLmay,foranyreason,whetheratitsowninitiative orinresponsetoaclarificationrequestedbyaprospectiveBidder,modifytheRFPbyamendment.Anyamendme nts/modificationstotheRFPDocument,whichmaybecomenecessaryforanyreason,shallbethroughtheissu eofaddendum(s)totheRFPwhichshallsetforththesaidamendments/modificationsthereto(hereinafterreferr edtoasthe"Addendum(s)."Ifrequired,inordertoallowprospectiveBiddersreasonabletimeinwhichtotakethe Addendum(s)intoaccountinpreparingtheirrespectiveBids,GSCDCL,reservestherighttoextendtheDeadlin efortheSubmissionofBids.HowevernorequestfromtheprospectiveBidder(s),shallbebindingonGSCDCLfort hesame.

20. PreBidConference

a) Apre-
bidconferencewillbeheldonthedatespecifiedintheRFP(),attheofficeoftheExecutiveDirector,GSCDCL andthePotentialBidder/Bidder's designated representative(s) areinvitedtoattendthesame.

b) BiddersareadvisedtocontactGSCDCLtoindicatewhetherornottheywillattendand,ifso,thenumberofa ttendee(s)andtheirnames,designation,etc.,atleasttwo(2)workingdayspriortothedateoftheprebidconference.

c) The purpose of the pre-bid conference will be to clarify queries of the Bidders related to the Project and Project site and RFP document, if any.

d) Pursuant to the Pre Bid Meeting, the terms and conditions of the RFP Document will be frozen with or without amendments thereto as applicable.

e) Non-attendance at the Pre-Bid Meeting will not be a cause for disqualification of a Bidder. However, the terms and conditions of the Addendum(s) will be binding on all the Bidders irrespective of their attendance at the Pre-Bid Meeting

f) GSCDCL may, at its sole discretion, extend the Deadline for Submission of Bids.

g) The Bidders should submit the queries in writing or by fax or e-mail and the same should reach to GSCDCL at least two (2) working days before the pre-bid conference along with a soft copy of the same to GSCDCL by e-mail.

h) Minutes of the pre-bid conference shall be hosted at the web portal, which will subsequently form an addendum to this RFP, as required.

i) A pre-bid conference will be held:

21. DocumentsConstitutingBid

The documents constituting the Bid shall be as follows:

21.1. TechnicalBidwithOnlineSubmissionofBidSecurity

In order that Bidder(s) qualify to bid for this RFP, Bidder(s) shall be liable to submit a Technical Bid in the form and manner set forth in the RFP Document along with all documents required to be submitted as per the said Annexure including without limitation to any Memorandum of Understanding and the Bid Security. The said Technical Bids shall be evaluated by GSCDCL in its sole discretion.

21.2. FinancialBid

The Financial Bids should be in the form and manner set forth in Annexure-18 and should comprise of all such documents and details mentioned therein.

22. PreparationofBid

22.1. LanguageofBid

The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and GSCDCL shall be written in English language only. However, in case Bidder chooses to enclose certain supporting document(s) in any language other than English, then the Bidder shall also enclose certified/authentic translated copies of the same in English language. Any such document, which is not translated into English, will not be considered.
For the purpose of interpretation and evaluation of the Bids, the English language translation shall prevail.

22.2. BidCurrency

All prices quoted in the Bid shall be quoted in Indian Rupee(s) (INR).

22.3. EarnestMoneyDeposit("EMD")orBidSecurity

1. In terms of this RFP, a Bidder is required submit EMD of Rs.500,000/- (Rupees Five Lakh Only) in the form of Fixed Deposit Receipt(s) / Bank Guarantee issued by any nationalized/ scheduled commercial bank in favor of "Executive Director, GSCDCL", payable at Gwalior.

2. The EMD of the Unsuccessful Bidder will be returned within 180 (One Hundred Eighty) days from the datelast date of Bid Submission. The Bid Security, for the amount mentioned above, of the successful Bidder would be returned upon submission of Performance Bank Guarantee for an amount equal to Rs.40,00,000/- (Rupees Forty Lakh Only) in the format provided in Annexure 10

of the RFP.

3. No interest will be paid by GSCDCL on the EMD amount and EMD will be refunded to the all Bidders (including the successful Bidders) without any accrued interest on it.

4. The Bid submitted without EMD, mentioned above, will be summarily rejected

5. The EMD may be forfeited:

   a. If a Bidder withdraws its bid or increases/decreases its quoted prices during the period of bid validity or its extended period, if any.
   b. In case of a successful Bidders, if the Bidder fails to sign the contract in accordance with the terms and conditions.
   c. If during the bid process, a Bidder indulges in any such deliberate act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization.
   d. If, during the bid process, any information is foul false/ fraudulent/ mala fide, and then GSCDCL shall reject the bid and, if necessary, initiate action.

6. The decision of GSCDCL regarding forfeiture of the EMD shall be final and binding upon Bidders.

In case the bidding process is not completed within the period of 180 Days, GSCDCL may request for extending the validity of EMD and accordingly EMD should be extended by the Bidder.

7. The Bid Security should be furnished in Indian Rupees (INR).

22.4. Consortiumandjointventures

BiddingshallbeopentoBiddersasSoleBidderorconsortiums(leadpartner+one).Incaseofaconsortiumorjoint venture,theleadmember (whichshallbesingleentity)shallbespecified andfullyempoweredtorepresenttheconsortiumorjointventure.Theleadmembershallhaveaminimumstake of51%intheconsortium/jointventure.

Thefollowingconditionsforconsortiumsandjointventures(JV)shallapply:

a) Biddersareallowedtoparticipateinthebiddingthroughaconsortiumstructurewithtwomembers.Them embersoftheconsortiumaretobeclearlyidentifiedatthetimeofbiddingandanybusiness/shareholding /otherrelationshipbetweenthemistobemadeclear.

b) ABiddingConsortiumisrequiredtonominateaLeadMemberforthepurposesofinteractingwithGSCDC L.ThenominationoftheLeadMembershallbesupportedbynotarizedcopiesofMemorandumofUnderst andingandPowerofAttorneysignedbyallthemembersonastamppaperofRs100/- (OneHundredonly),theformatsforwhicharesuppliedwiththisRFP.Anysuchagreementshallclearlyspe cifytheleadbidderandtheconsortium/partnerswiththeirrespectiverolesand responsibilitiesifany inthe ParkingSystem.

c) Incaseofthesuccessfulbidderbeingaconsortium,themembersoftheconsortiumshallberequiredtoinc orporateacompanyundertheCompaniesAct,2013.TheConcessionaireAgreementinsuchacasewould besignedwiththenewlyincorporatedCompany.Theleadmemberoftheconsortiumwouldbe requiredto hold,initiallyand atall timesduringthedurationperiodoftheConcessionaireAgreement,notlessthan51%oftheaggregateshar eholdingofthenewlyincorporatedconsortiumcompany.Theothermemberoftheconsortiumwouldbere quiredtohold,initiallyandatalltimesforduringthedurationoftheConcessionaireAgreement,notlessth an26%oftheaggregateshareholdingofthenewlyincorporatedconsortiumcompany.

d) ABiddercannotbeamemberofmorethanonebiddingconsortium.AnindividualBidderapplying as aSingleBiddercannotatthesametimebememberofanyConsortiumbiddingunderthisRFP.

e) AnychangesanddeviationofrolesandresponsibilitiesafterthesubmissionofBidandbeforetheexecutio noftheProviderAgreementshallentitleGSCDCLtorejecttheBidinitssolediscretion.

f) GSCDCLreservestherighttorejecttheBidincaseofchangeintheconstitutionoftheconsortiumafterthes ubmissionofBidandbeforetheexecutionoftheProviderAgreement.

22.5. AuthenticationofBid

TheBidswillbereceivedonlineontheportal.The Bid swillbeopenedintheofficeoftheExecutiveDirector,

GSCDCLasmentionedin

NITIfdesired,thebiddersortheirdulyauthorizedrepresentativesmayremainpresentatthetimeofopeningofBid.

TheoriginalandthecopyoftheBidshallpreferablybetypedandshallbesignedbyapersonorpersonsdulyauthorizedbytheBidder.ThepersonorpersonssigningtheBidshallinitialallpagesoftheBid.

22.6. ValidationofInterlineationsinBid

Anyinterlineations,erasuresoroverwritingshallbevalidonlyifthepersonorpersonssigningtheBidhaveauthenticatedthesamewiththeirrespectivesignaturealongsidesuchinterlineations,erasuresoroverwriting.

23. BiddingProcess/SubmissionofBid

a) DulyfilledandsignedBidsshouldbesubmittedonlineandonephysicalcopyofTechnicalBidaddressedtotheOfficeoftheExecutiveDirector,GwaliorSmartCityDevelopmentCorporationLimited,GwaliorMunicipalCorporation,NarayanKrishnaShejwalkarBhawan,CityCenter,Gwalior-474011,MadhyaPradesh,hardbound,inthesealedcoverdulysuperscribedwithBidfor**"SelectionofConcessionaireforDesign,Development,Implementation,OperationandMaintenanceofSmartParkingSolutionforOnStreet,OffStreetandMulti-LevelParkinginGwalioronPPPModel"**Thismainouterenvelopeshouldcontainaseparateandsealedenvelopesinside–(A)Techno-commercialBid,afteronlinesubmissiononorbeforeduedateasmentionedinRFP.

b) BidshouldbesubmittedonlineonorbeforeduedateasmentionedinRFP.The"FinancialBid"shallbeopenedofTechnicallyQualifiedbiddersandtheymayattendtheBidopeningproceedings,iftheydesireso.Therateshouldbekeptvalidfor180daysfromthedateofopeningoftheTechnoCommercialBids.IftheBidderwithdrawshisofferbeforethesaiddate,theearnestmoneywillbeforfeitedinfull.

c) ThedecisionoftheGSCDCLtothiseffectshallbefinalandbindingontheBidder(s).ThebidwillbeopenedinfrontoftheCommittee,attheOfficeoftheGwaliorSmartCityDevelopmentCorporationLimited,GwaliorMunicipal Corporation, NarayanKrishnaShejwalkarBhawan,CityCenter,Gwalior-474011,MadhyaPradesh,whichwillbeinformedatlaterstage.

24. ValidityofOffer

a) TheProposalshallremainvalidforaperiodnotlessthanOneHundredandEighty(180)daysfromthedateofopeningoffinancialbid(OfferValidityPeriod).GSCDCLreservestherighttorejectanyProposalthatdoesnotmeetthisrequirement.ValidityofproposalshallbeextendedforaspecifiedadditionalperiodattherequestofGSCDCL.

b) Abidderagreeingtotherequestwillnotbeallowedtomodifytheproposal,butwouldberequiredtoextendthevalidityofitsEMDfortheperiodofextension.

25. SiteVisitandVerificationofInformation

a) WhilepreparingtheBid,theBiddershallconsidertheinformationprovidedinthisRFPintotalityandisexpectedtoexaminecarefullythecontentsofallthedocumentsprovided.FailuretocomplywiththerequirementsoftheRFPwillbeattheBidder'sownriskandmayleadtodisqualificationofthebidasbeingnonresponsive.

b) Thetechnicaldetails given in SectionsofthisRFParebasedon thesitestatus andassumptions

ofGSCDCL.However,theBiddersshallbe whollyresponsibleforall thedetailsoftheirBids,thephysicalandsiteconditions,etc.Inessence,aftertheBidissubmitted,theBiddersha llbethe'owner'ofallthedata,whichformsthebasisofthe Bidand shall have noclaimswhatsoeveronGSCDCL or itsagenciesoritsAdvisorsregardingtheaccuracyofthedataordesigns,information, etc.furnishedintheRFP.

c) ItwouldbedeemedthatpriortothesubmissionoftheProposal,theBidderhas:

    I.   MadeacompleteandcarefulexaminationofrequirementsandotherinformationsetforthinthisRF Pdocument.

    II.   ExaminedalltherelevantinformationasithasreceivedfromGSCDCLinrespectoftheproject.

d) Madea completeandcarefulexaminationto determine thedifficultiesandmattersincidental totheperformanceofitsobligationsundertheConcessionAgreement,includingbutnotlimitedto

    I.   TheProjectSite(s)

    II.   Availabilityofsuitablematerialsandtechnologyforconstructionandoperation.

    III.   AllothermattersthatmightaffectitsperformanceundertheConcessionAgreement

e) Biddersshallcarryoutanysurveys,investigationsetc.attheirowncostandrisk,

f) Biddersareencouragedtosubmittheir respectiveProposalsaftervisitingtheeearmarkedlocationsandascertainingforthemselveswiththesite conditions,traffic,location,surroundings,climate,accesstothesites,availabilityofinformationwithth eGSCDCL,ApplicableLawsandregulationsoranyothermatterconsideredrelevantbythem.

26. **ProjectSite**

a) GSCDCLherebyundertakestohandovertotheAgencyphysicalpossessionoftheProjectSiteasperAnne xure-1forthepurposeofimplementingtheProjectbutsubjecttotherightsofGSCDCL.

b) TheprojectshallcommencewithinThirty(30)daysfromthesigningofthecontractdateofAgreementandt hehandingoverofsitesshallbelinkedtoagreederection/installationschedule.

c) GSCDCLconfirms thatupontheProjectSitebeinghandedoverpursuantto theprecedingpara,theConcessionaireshallhavetherighttoenterupon,occupyandusetheProjectSitea ndtomakeatConcessionairecosts,chargesandexpensessuchdevelopmentandimprovementsinthePr ojectSiteasmaybenecessaryorappropriatetoimplementtheProjectandtoprovidetheProjectFacilitysu bjecttoandinaccordancewiththeprovisionsofthisRFP.

d) Under no circumstances, the Concessionaire shall not use the project site for any purpose otherthan the purposes of Smart Parking.

27. **LocalConditions**

a) EachBidderisexpectedtobecomefullyacquainted with the local conditions and factors,whichmayaffecttheperformanceofthecontractand/orthecost.

b) TheBidderisexpectedtoknowallconditionsandfactors,whichmayhaveanyeffectontheexecutionofthe contractafterissueofletterofAwardasdescribedinthebiddingdocument.TheGSCDCLshallnotenterta inanyrequestforclarificationfromtheBidderregardingsuchlocalconditions.

c) ItistheBidder'sresponsibilitythatsuchfactorshavebeenproperlyinvestigatedandconsideredbeforesu bmittingtheproposal.Noclaim,what-so-ever,includingthatforfinancialadjustmenttothecontractawardedunderthebiddingdocumentwillbee ntertainedbytheGSCDCL.Neitheranychangeinthetimescheduleofthecontractnoranyfinancialadjus tmentsarisingthere-ofshallbepermittedbytheGSCDCL onaccountoffailureoftheBiddertoknow thelocallaws/conditions.

28. Scope of Bid

a) The Gwalior SMART City Development Corporation Ltd (GSCDCL) invites online Bid for **"Selection of Concessionaire for Design, Development, Implementation, Operation and Maintenance of Smart Parking Solution for On Street, Off Street and Multi-Level Parking in Gwalior on PPP Model"**.

b) The Bidders are expected to submit their Bid Security online only on **www.mpeproc.gov.in**: **Envelope I**

:

a) Technical Bid comprising of Technical Presentation on Technology, Capability Statements of the Bidder and Project Undertakings for meeting the Minimum Development Obligations, Other mandatory document listed in the bid summary towards demonstrating the bid eligibility criteria, etc., Development Controls and Technical Specifications provided in Section II of the RFP (Refer Section-III of the RFP for the Formats)

b) Bidder's Eligibility Criteria

The Bidders shall meet the following minimum eligibility criteria's: General requirement: The Bidders shall be either:

I.   Proprietorship, or

II. Partnership Firm, or

III. Limited Liability Partnership Firm

IV. Company - Public or Private Ltd

V.   Registered cooperative societies

VI. Consortiums (lead partner + one)

29. Contents of Bids

1. Complete bidding process will be online (e- Biding) in three covers system. Submission of Bids shall be in accordance to the instructions given in the Table below:

Particulars	Instructions
Cover 1	Proof of submission of RFP Document Fee and Scanned copy of EMD The original hardcopy of the EMD should also be submitted as prescribed in RFP information sheet
Cover 2: Pre-Qualification Proposal **and**	The Pre-Qualification and Technical Qualification proposal shall be prepared in accordance with the requirements specified in this RFP and the formats are prescribed in the RFP Pre-Qualification and Technical Proposal should be submitted through online bid submission process and also in Hard Copy as per mentioned in the RFP Information Sheet.
Financial Proposal	The Financial Proposal shall be prepared in accordance with the requirements specified in this RFP and in the formats prescribed in the RFP. Financial Proposal should be submitted through online bid submission process only. Highest Concession fee quoted, shall decide the Successful Bidder.

Note: GSCDCL will conduct the bid evaluation based on documents submitted through online e-tendering portal. In case of any discrepancy between the documents submitted online and hardcopy, the particulars submitted online shall prevail.

2. The following points shall be kept in mind for submission of Bids;

a. GSCDCL shall not accept delivery of Bids in any manner other than that specified in this RFP. Bid delivered in any other manner shall be treated as defective, invalid and rejected.

b. The Bid should be comprehensive and inclusive of all the services to be provided by the Bidder as per the scope of work and in accordance with the terms and conditions as set out in the Contract.

c. GSCDCL may seek clarifications from the Bidder on the technical proposal. Any of the clarifications by the Bidder on the proposal should not have any commercial implications.

d. TechnicalProposalshallnotcontainanyfinancialinformation.

e. IfanyBidderdoesnotqualifythequalificationcriteriastatedin ==Section3==2.1(Pre-QualificationCriteriaandTechnicalQualification)ofthisRFP,thetechnicalandfinancialproposalsoftheBiddershallnotbeopenedinthee-tenderingsystem.Similarly,iftheBidderdoesnotmeetthetechnicalevaluationcriteria,thefinancialproposaloftheBiddershallbeunopenedinthee-tenderingsystem.ItisrequiredthatthealltheproposalssubmittedinresponsetothisRFPshouldbeunconditionalinallrespects,failingwhichGSCDCLreservestherighttorejecttheproposal.

30. **ProprietaryData**

(a) Alldocuments,reportsandotherinformationprovidedbyGSCDCLorsubmittedbytheBiddertoGSCDCLshallremainor   become   thepropertyoftheGSCDCL.TheBidder,asthecasemaybe,aretotreatallinformationasstrictlyconfidential.GSCDCLwillnotreturnanyProposaloranyinformationrelatedthereto.Allinformationcollected,analysed,processedorinwhatevermannerprovidedbytheBiddertoGSCDCLinrelationtotheprojectshallbethepropertyofGSCDCL.

(b) However,theBiddershallprotecttheintellectualpropertythattheyownorcontrol(e.g.,generalprofessionalexperience,toolsorthird-partysoftware)andthatisreflectedindeliverables.TheBiddershallspecificallypreservetherighttousethemethodologyorthematerialunderlyingitforotherengagements,aslongasBidderdonotuseordiscloseGSCDCLconfidentialorpre-existingproprietaryinformation.

31. **TestsofResponsiveness**

PriortoevaluationofBids,theGSCDCLshalldeterminewhethereachBidisresponsivetotherequirementsofthisRFPdocument.ABidshallbeconsideredresponsiveif:

(a) ItisreceivedaspertheformatdefinedinRFPdocument.

(b) itisreceivedbytheBidDueDateincludinganyextensionthereofpursuanttoClausesofthisRFP;

(c) itissigned,sealed,boundtogetherinhardcoverandmarkedasstipulatedinClausesofthisRFP;

(d) itisaccompaniedbytheEarnestMoneyDeposit(EMD);

(e) itisaccompaniedbythePower(s)ofAttorney,ifapplicable;

(f) itcontainsalltheinformation(completeinallrespects)asrequestedinthisRFPdocument(informatssameasthosespecified);

(g) itquotescompletescopeofWorkasindicatedintheRFPdocuments,addendum(ifany)andanysubsequentinformationgiventotheBidder;

(h) itdoescomplywithalltheTechnicalspecificationsandGeneralTermsandconditions;(i)itdoesnotcontainanyconditionorqualification;

(j)theBidderhassubmittedalladditionalinformationorclarificationassoughtbyGSCDCLwithintheprescribedperiod;(k)Bidswithoutdulysignedintegritypact;and

(l)itisnotnon-responsiveintermsthereof.

32. **EligibilityCriteria**

Inordertobequalifiedtechnically,theBiddermustmeetboththeTechnicalEligibilityCriteriaandtheFinancialEligibilityCriteriaasdetailedbelow.

32.1.   **Pre-QualificationCriteriaandTechnicalQualification**

TheBidder/sshallpossesspriorexperienceinparkingmanagementtransactionsinordertobe

consideredtechnicallyqualified:

Sr. no.	Parameters	RequirementDescription	Supportingevidencerequired
1	**Entity**	Biddershouldberegisteredentitywithminimum5yearsofexistence. I. Proprietorship,or II. PartnershipFirm,or III. LimitedLiabilityPartnershipFirm IV. Company-PublicorPrivateLtd V. Registeredcooperativesocieties VI. Consortiums(leadpartner+one)	Copyofthecertificatesuchas: • CertificateofIncorporationEstblishment Certificate • PANCard • ServiceTaxRegistration Certificate • Submitacopyofthedeedofpartnership(Incaseofpartnershipfirm)
2	**Experienceof thebidder**	BiddermusthaveexperienceofthreesimilarcompletedorongoingprojectsofparkingmanagementSystemwithMinimumcontractvalueofRs.50Lakhsandwiththefollowingcriteria: a) ParkingSystemswithacombinedtotalofatleastfiftythousand(50,000)Userpaymenttransactionsoverthepprevioustwoyears(2014-15&2015-16)throughanexplicitcontract/Concession b) Experienceofmanagingatleastfifty(50)fieldstaffinParkingoverthepervioustwoyears(2014-15&2015-16)throughanexplicitContract/Concession. c) ExperienceofoperatingtwomultilocationParkingSysteminthepervioustwoyears(2014-15&2015-16).	Projectcompletioncertificate/DetailedWorkAward(DWA)OrderfromCustomersofthereferredprojects.
3	**Certificate**	BidderhavingQualityCertificationAppropriateISO9001:2008	BiddershallsubmitCopyofthecertificate
4	**Black-listedcertificate**	TheBiddershouldnothavebeenblack-listedordefaultedbyanyCentral/StateGovernmentorPublicSectorundertakingsinIndia,declarationtothiseffectshallbeuploaded.	Self-declarationshallbeuploaded.

5	**Turnover**	Biddershouldhaveaturnoverof Rs.3croresperyea**r**foratleastthreeconsecutivefinancialyearsbetween 1stApril2013to31stMarch2017	CertifiedcopiesofAuditedFinancialstatementsprovidingtheTurnOverdetailsforatleastthreeconsecutivefinancialyearsbetween 1stApril2013to31stMarch2017 ,viz.2013-14,2014-15, 2015-16and2016-17shallbesubmittedforthesame.

Note:

(a) *ThebidderwhoisadefaulterorblacklistedbyGSCDCLbeforethedateofopeningoftechnocommercialBidcannotparticipateintheBidding.*

(b) *TheBidderwhohavenotpaidthelicenseefeetoGSCDCLofpreviouslyallocatedparkingsitesbyGSCDCLcannotparticipateintheBidding.*

(c) *Thebidderhastosubmitanundertakingthathe/sheis/wasnotassociatedwithanysuchagency/organization(Asdescribedinabovepoint'a'and'b')directlyorthroughanyofhisrelativeor sisterconcern.*

(d) *OnlythosebidderswhomeettheprequalificationcriteriaspecifiedabovewillbeeligibletorespondtothisRFP.Thebidder'sprequalificationproposalshallcontaintherelevantinformationandsupportingdocumentstosubstantiate theeligibilityofthebiddervis-à-vis theprequalificationcriteria.*

(e) *Apartfromthesedocumentsstatementoflegalcapacity(asperAnnexure-11ofthisRFP)isrequiredbythesolebidderorallmembersoftheconsortium.*

(f) *BidderwillalsoberequiredtosubmitJointBiddingAgreement(asperAnnexure-9ofthisRFP)andPowerofAttorney(as perAnnexure-13ofthis RFP)in caseofConsortium(withmaximum of2partners–1leadbidderand1consortiummembers).*

(g) *Inorderthat Bidder(s)qualifytobidforthisRFP,Bidder(s)shallbeliabletosubmitaTechnicalBidintheforma ndmannersetforthinAnnexureofthisRFPDocumentalongwithallrequireddocuments.*

(h) *TheBidderwhoseFinancialBidhas thehighestquotedmonthlyconcessionfeepayable totheGSCDCLfortheProject("H1Bidder")shallbetheSuccessfulBidder.*

33. **SelectionProcess**

33.1.   **TechnicalEvaluationCriterion**

Bidderswhomeettheprequalifications/eligibilityrequirementswouldbeconsideredasqualifiedtomovetothenextstageofTechnicaland Proofofconcept(POC)andfinancialevaluations.ProjectEvaluationCommittee(PEC)willevaluatetheTechnicalProposalsofthePre-Qualifiedbiddersasperthefollowingcriteria.Bidderswhoscore70orabovemarksshallonlybeconsideredqualifiedandmovetothenextstageofTechnicalandProofofconcept(POC)andfinancialevaluationsandforfinancial bidopening.

Sr. No.	Parameters	Maximum weightage
1	ProofofConcept(PoC)/LiveDemoofProposed.End-To-EndIntegratedSmartParkingSystem	5

2	BiddersTurnoverforthreeconsecutivefinancialyearsbetween1stApril2013 to31stMarch2017. Rs.3Cr.toRs.5Cr.– 5MarkRs.5Cr.ToRs.10Cr.– 7MarksAboveRs.10Cr.–10Marks	10

3	Biddermusthaveexperienceofthreesimilarcompletedorongoingprojectsofp arkingmanagementSystemwithMinimumcontractvalueofRs.50Lakhsand withthefollowingcriteria:
	
	a)
	     ParkingSystemswithacombinedtotalofatleastfiftythousand(50,0 00)Userpaymenttransactionsoverthepevioustwoyears(2014-15 &2015-16)throughanexplicitcontract/Concession.
	i. 3Projects–7marks
	ii. 2Projects–5marks
	iii. 1Projects–3marks
	b)
	     Experienceofmanagingatleastfifty(50)fieldstaffinParkingovert hepevioustwoyears(2014-15&2015- 16)throughanexplicitContract/Concession.
	i. Morethan80FieldStaff–5marks
	ii. Morethan60FieldStaff–3marks
	iii. Morethan50FieldStaff–1mark
	
	c)
	     ExperienceofoperatingtwomultilocationParkingSysteminthep
		15

4	ImplementationandoperationofMobileApplicationforsmartparking ; 1no.MobileApplicationProject– 2marks2no.MobileApplicationProjects– 3marks3no.MobileApplicationProjects-	5
5	ImplementationandexecutionofCentralcommandcentreforSmartpark ingwithfullfunctionalitiesinonelocation; 1Project–5marks 2orMoreprojects-10marks	10
6	Approach&Methodologyincludingbutnotlimitedtothefollowing: a) MappingofApproach&MethodologyaspertheScopeofWorkrequir ements. b) ProposedBusinessModel(Costeffective&Viable) c) Proposedupdatedtechnologywithlesshumanintervention	10
7	TechnicalPresentation– 25marksBiddersCapabilities- 5MarksProposedSmartParkingSolution s-10 TrafficManagementPlanduringimplementationphase–10	25

8	POC–10marks ProofofConcept(PoC)/LiveDemoofProposedEnd -To-EndIntegratedSmartParkingSystem. ITEnabledEnforcement(InsideParkingandInNoParkingAreas)Cash lessPaymentMechanism	20
Total		**100**

Note	**Presentationshouldincludefollowing:**

BiddersCapabilitiesandExperience
•SolutionProposalOfferedintermofOverallArchitecture;SolutionDesign;Phase-wiseImplementationPlan;PricingandRevenueSimulationandModels;SupportandMaintenance. TheBiddershouldalsoproposemethodofprojectexecution. Thedetailedimplementationapproachfortheproposedmodelalongwithappropriatejustificationshouldbepresentedbythebidder.

ProposedSmartParkingsolutioninAdequacyandappropriatenessof
• *Proposedend-to-endSolutioncoverageincludingnear-futuristicrequirements*
• *ProposedArchitectureandDesignconsiderations*
• *ProposedmultiplePricingandRevenueSimulationandModels.*
• *Proposedintegrationswithcriticalinternal/externalsystems.*
• *ProposedImplementationandDeployPlan.*
• *ProposedSupportandMaintenancePlan.*
• *ContingencyPlanforDisasterManagementsituations.*
• *QualityandTestManagementPlan.*
• *EnvironmentalfriendlyonSafetyandSecurityfeatures.*
• *Technologymeasurementandknow-howtransferarrangements.*
• *Overallconformancetostipulatedrequirements.*

TrafficManagementPlanduringimplementationphase:
• *Adequacyoftrafficmanagementplanduringconstruction.*
• *EfficiencyofcirculationplanwithinandaroundParkingFacility.*
• *EfficiencyofPedestrianmovementplan.*
• *Adequacyofemergencytrafficplan.*

ProposedSmartParkingSysteminAdequacyandappropriatenessof
• *Proposedend-to-endSolutioncoverageincludingnear-futuristicrequirements.*
• *ProposedArchitecture,Design,LayoutandMaterialconsiderations.*
• *ProposedImplementationandDeployPlan.*
• *ProposedSupportandMaintenancePlan.*
• *QualityandTestManagementPlan.*
• *ProposalonEnvironmentalfriendlyfeatures.*
• *Technologymeasurementandknow-howtransferarrangements.*
• *Overallconformancetostipulatedrequirements.*

ProcessMethodologyon
Deploymentofend-to-endprocessesandtoolsduringimplementationandSupportandMaintenancephases. AdoptionofMIS/Dashboardsfortrackingandmonitoringofthesystemimplementationandmaintenance.
• *ResourcesOptimization.*
EducationandTrainingofstakeholders.

33.2. TechnicalScoringandEvaluation:

(a) ForthepurposeofarrivingatTechnicalScore,thebidshallbeevaluatedagainsttheTechnicalParameters,withrespectivemarksallocated,asgiveninRFPdocument.

(b) TheTotalTechnicalScorewillbecalculatedoutof100marks.TheBidderhastoscorethefollowingminimum QualifyingMarkstoqualifyintheTechnicalEvaluationCriteria:

- **Seventy(70)marks**outoftotal100marksofTechnicalEvaluationcriteria.

(c) TheBiddersscoringmarkslessthantheminimumqualifyingmarksasmentionedaboveshallbedisqualifiedforFinancialBidOpening.TheBiddersscoringmarksequaltoormorethantheminimumqualifyingmarksasmentionedaboveshallbedeclaredasTechnicallyQualifiedBidders.

(d) However,basedonthequantumofqualifiedproposals,itisthediscretionofTheAuthoritytodecidethecut-off(lowerthan70)marksofTechnicalevaluationforqualificationofBidders.TheBidderswhoscoredequalormorethancut-offmarkswillbeconsideredqualifiedforfinancialbidopeningandevaluation.

34. ProposedTechnicalSolutionforProject

TechnicalSolutionProposedfortheProject (Approach,Methodology,ProjectManagement,ExecutionMethodology,andSLAManagement)

BroadareastobecoveredintheTechnicalSolutiondocumentationaregivenbelow:

(a) BillofMaterial(i.e.,Un-pricedFinancialBidformat):Thisdocumentshouldgiveindicationofalltheproposedcostcomponents,withoutspecifyingthecosts.BiddershouldnotethatthebidshallgetdisqualifiedifBiddergivespricedetailsinthetechnicaldocument.

(b) DescribetheproposedTechnicalSolutionforeachoftheinitiative,namelyparkingguidanceandmanagementsolutionforoff-street,on-streetandMLCparkinginastructuredmanner.Followingshouldbecapturedinthesame:

I. Detaileddescriptionofthedesignandtechnicalsolutionandvariousapplicationsandcomponentsincludingmakeofequipmentorsizingofinfrastructure(includingdiagramsandcalculationswhereverapplicable);

II. Reasoningforselectionoftheproposedtechnologyoverotheroptions;

III. Extentofcompliancetotechnicalrequirementsspecifiedinthescopeofwork;

IV. TechnicalDesignandcleararticulationofbenefitstoGSCDCLofvariouscomponentsofthesolution.

V. StrengthoftheBiddertoprovideservicesincludingexamplesorcasestudiesofsimilarsolutionsdeployedforotherclients;

VI. Anyotherparameter.

(c) ProvidedetailedApproachandMethodologyforImplementationandPost-Implementationperiods.

(d) ApproachandMethodologyforManagementofSLARequirementsspecifiedintheRFPdocument.BidderisrequiredtoclearlyarticulatehoweachoftheSLArequirementswouldbeadheredinatableformat.

(e) DetailedProjectPlan withtimelines,resourceallocation,milestones,etc.,in for supply,installationandcommissioningofthephysicalandITcomponentsfortheSmartparking,CentralControlCentreincludingdatacentreandnetworking.

(f) InsightsintoBestandlatestIndustrypracticesandstandards.

35. EvaluationforBidder

(a) TheBidderwhoseFinancialBidhasthehighestquotedmonthlyConcessionFeepayabletotheGSCDCLfort

heProject("H1Bidder")shallbetheSuccessfulBidder(Concessionaire).

(b) IntheeventthattwoormoreBidderssecureexactlythesameConcessionFeeinrespectoftheProject,thentheSuccessfulBidder(Concessionaire)willbeselectedinthefollowingmanner:

I.
TheBidderwhoseTechnicalScoreishighestfortheProjectamongsuchBiddershavingsameConcessionFee willbedeclaredasSuccessfulBidder(Concessionaire).

36. **AppointmentofConcessionaire**

(a) AfterselectionofSuccessfulBidderintermsofClausesofthisRFP,aLetterofAward(the"LOA")shallbeissuedbytheGSCDCLtotheSuccessfulBidder(Concessionaire)andtheSuccessfulBidder(Concessionaire)shall,within7(seven)daysofthereceiptoftheLOA,signandreturntheduplicatecopyoftheLOAinacknowledgementthereof.IntheeventtheduplicatecopyoftheLOAdulysignedbytheSuccessfulBidder(Concessionaire)isnotreceivedbythestipulateddate,theGSCDCLmay,unlessitconsentstoextensionoftimeforsubmissionthereof,appropriatetheEarnest MoneyDepositofsuchBidderasDamagesonaccountoffailureoftheSuccessfulBidder(Concessionaire)toacknowledgetheLOA.

(b) IssueofLetterofAllotment(LOA)shallnotbeconstruedasanyrightgiveninfavouroftheSuccessfulBidder,andGSCDCLreservestherighttoannultheprocessofaward,includingsigningofconcessionagreement,ofthisproject withoutanyliabilityoranyobligationforsuchannulment,andwithoutassigninganyreasonsthereof.

(c) UponissueofLOAtotheSuccessfulBidder,GSCDCLwillreleasetheEMDofallBidders,excepttheSuccessfulBidder(Concessionaire)

(d) AfteracknowledgementoftheLOAasaforesaidbytheSuccessfulBidder(Concessionaire),itshallcausethe SuccessfulBidder(Concessionaire)toexecutetheConcessionAgreementwithintheperiodprescribed.TheSuccessfulBidder(Concessionaire)shallnotbeentitledtoseekanydeviation,modificationoramendmentintheConcessionAgreement.

37. **TermoftheConcessionAgreement**

ThetermofthisConcession Agreementshall beaperiodof12(Twelve)fromthedate ofsigningofthisAgreementorhandingoverofParkinglotswhicheverislater.TheConcession Periodshallnotbeextendedbeyond10(Ten)years.

38. **EarnestMoneyDeposit(EMD)**

(a) TheBiddersarerequiredtosubmitEarnestMoneyDeposit(EMD)of Rs.5,00,000/ (Rupees Five lakhs only) be deposit onlineonwww.mpeproc.gov.in or throughDemandDraft(DD) or FDRdrawnfrom any Nationalised / ScheduledBank of India in the favour of "Commissioner,MunicipalCorporationGwalior"payableatGwalior.Bids not accompanied by earnestmoney are liable for summaryrejection.

(b) TheearnestmoneyofsuccessfulbiddershallbereturnedoncetheSuccessful Biddersubmitstheperformancesecurity.TheEMDofunsuccessfulBidder(s)shallberefundedonlyafterawardofcontracttothesuccessfulbidder.NointerestwillbepaidontheEMD /Securitydeposit.

(c) TheExecutiveDirector,GSCDCLreserves its right to makerecovery of claims, if any, from theEMDdepositedagainstthisBid.

(d) EarnestmoneyshallbeliabletobeforfeitedbytheexecutiveDirector,GSCDCLoranyotherofficialauthorisedbytheCommissioner,GSCDCLongroundifthebidarewithdrawnbytheBidder(s)beforeopeningtheBid orwithin180daysoftheopeningoftheBid.

(e) Anyoffer,whichisnotaccompaniedbytherequisiteEarnestMoneyDeposit,shallberejectedoutright.

(f) TheEMDshallhoweverbeforfeitedinthefollowingcases:

I. Ifthebidderwithdrawsitsproposal(offer)duringtheintervalbetweentheProposalDueDateandexpiration oftheProposalValidityPeriod;

II. IfthesuccessfulbidderfailstounconditionallyaccepttheLetterofAcceptanceinwriting,withinthetimesp

ecifiedinthisdocument,oranyextensionthereofgrantedbyGSCDCL

III. IfthesuccessfulbidderfailstosigntheConcessionAgreementand/ormaketheperformancesecuritywithi nthetimespecifiedinthisdocument,oranyextensionthereofgrantedbyGSCDCL.

39. **PerformanceSecurity**

(a) TheConcessionaireshallhavetosubmitthePerformanceSecuritydepositinformofaBankGuaranteeinfav ourofExecutiveDirector,GSCDCLbyaScheduled/NationalisedbankforanamountofRs.40,00,000/- (RupeesFortyLakhs),totheGSCDCLwithin15(fifteen)daysfromthedateofreceiptofLetterofAllotment.

(b) IncaseofaConsortium,theLeadBidderofConsortiumshallbeliabletopayPerformanceSecurity.Performa nceSecurityshallbevalidforSix(6)monthsbeyondthetermoftheConcessionAgreement.ThePerformanceSec urityshallcontainaclaimperiodofSix(6)monthsfromthelastdateofvalidity.

(c) In case, theSuccessfulBidderfailsto submitPerformanceSecuritywithinthetime stipulated,theGSCDCLatitsdiscretionmaycanceltheLetterofAllotmentissuedtotheSuccessfulBidderwitho utgivinganynoticeandmayinvoketheEMDofsuchSuccessfulBidder.

(d) ThePerformanceSecuritywill continueand shall bevalidduringtheentireConcessionperiodof10(Ten)years.

(e) TheamountofPerformanceSecurityasSecuritydepositshallbeforfeitediftheConcessionaireabandonsorfail stoperformthecontractatanytimeduringtheConcessionPeriod.Further,ifitisobservedatanytimeduringthe Concessionperiodthatthepartyhassubmittedfake/bogusdocumentsinBidtogainthecontractthenthecontr actshallbeterminatedandperformancesecurityshallalsobeforfeited.

(f) TheamountoftheperformancesecurityassecuritydepositshallbeforfeitediftheConcessionairefailstoperf ormthecontractatanytimeandinsuchothereventsasareelsewhereprovidedinthecontract.

40. **ReleaseofPerformanceSecurity**

ThePerformanceBankGuaranteewillbereleasedonlyaftermeetingallofthefollowingconditions:

(a) Aftersuccessfulimplementationofthisproject;

(b) Successfulmanaging,operationandmaintenanceofalltheservicesunderthisagreement;

(c) Paymentofallthepenaltiesthroughoutimplementation,operationandmaintenanceperiod;

(d) PaymentofallConcessionfeesasperagreementalongwithpenalties,ifany;

(e) AttheendoftheConcessionperiod,PerformanceBankGuaranteeofConcessionairewillbereleasedaftersu ccessfulhandingoveralltheparkinglots,assetsandservices,includingallhardware,software,networkandser vicesinworkingconditions.Ifanydeficiencyis noticedatthetimeofhandingovertheConcessionairehastogetrectified/replacedthesameathisowncostwithi nfifteen(15)daysotherwiseGSCDCLwillgetitrectifiedattheriskandcostoftheConcessionaire.

(f) Onproductionofclearanceforallapplicabledues,ifany.

41. **SigningofConcessionAgreement**

(a) SubsequenttoGSCDCLissuingLetterofAllotment(LoA)totheSuccessfulBidder,theSuccessfulBiddersh allexecutetheConcessionAgreementwiththeGSCDCLwithinaperiodofonemonthfromthedateofissueofthe LetterofAcceptancesubjecttotheconditionthatthePerformanceSecurityhasbeendepositedbytheSuccessfu lBidderwithintheprescribedperiod.

(b) FailureoftheSuccessfulBiddertofurnishthePerformanceSecurityorexecutetheAgreementwithinthepr escribedtimeshallcausetheEMDoftheSuccessfulBiddertobeliquidated.TheSuccessfulBidderwillbeliablet oindemnifyGSCDCLforanyadditionalcostorexpense,incurredonaccountoffailureoftheSuccessfulBiddert oexecutetheConcessionAgreement.

(c) Notwithstandinganythingtothecontrarymentionedabove,GSCDCLatitssolediscretionshallhavetherig httoextendthetimelinesforexecutionofConcessionAgreementontherequestoftheSuccessfulBidder,provid edthesameisbona-fide.

42. **Disputes Resolution System**

1. No dispute can be raised except before the Competent Authority (Chief Executive Officer-GSCDCL) in writing giving full description and grounds of Dispute. It is clarified that merely recording protest while accepting measurement and/or payment shall not be taken as raising a dispute.

2. No issue of dispute can be raised after 45 days of its occurrence. Any dispute raised after expiry of 45 days of its first occurrence shall not be entertained and the Employer shall not be liable for claims arising out of such disputes.

3. The Competent Authority shall decide the matter within 45 days.

4. Appeal against the order of the Competent Authority can be preferred within 30 days to the Appellate Authority (Executive Director-GSCDECL). The Appellate Authority shall decide the dispute within 45 days.

5. Appeal against the order of the Appellate Authority can be preferred before the Madhya Pradesh Arbitration Tribunal constituted under Madhya Pradesh Adhikaran Adhiniyam, 1983.

a) The contractor shall have to continue execution of the works with due diligence notwithstanding pendency of a dispute before any authority or forum.

43. **Disqualification**

EventhoughtheBiddermeetsthepre-qualifyingcriteria,theycouldbedisqualifiediftheyhave:

(a) SubmittedtheBidafterthedatementionedinadvertisement.

(b) Mademisleadingorfalserepresentationsintheforms,statementsandexperiencessubmittedinproofofthe qualificationrequirements.

(c) SubmittedtheBid,whichisnotaccompaniedbytherequireddocumentsorisnon-responsive.

(d) Failedtoprovideanyclarificationsrelatedthereto.

(e) WherethebidderhasalreadysubmittedtheBidandisamemberofentity,whichhasalreadysubmittedtheBid,orviceversa.

(f) Ifanymemberofanentityisreplacedorwithdraws,exceptwithoutpriorwrittenpermissionofGSCDCLatany stage.

(g) Thesuccessfulbidderisnotallowedtosub-leasetheassignedparkingspaces.

(h) Violatesanyotherconditionmentionedhereinbefore/hereinafter.

(i) IfanysuchinformationwhichwouldhaveentitledGSCDCLtorejectordisqualifytheBidder,becomesknown afterthe bidderhas beenpre-qualified,GSCDCLreservestheright tocancelthepre-qualificationofthebidderatanylaterstagetoo,withoutassigninganyreasonthereof.

(j) WheretheBidderisaJointVenture/Partnershipfirmorananyentity,GSCDCLmaydisqualifytheentireentit yforanyofthereasonssetoutabove,evenifitappliesinrespectofonlyonememberoftheConsortium/JV.

(k) Bidderswhocanvassorattempt toinfluencethepre/post –qualificationor selectionprocessshallnecessarilybedisqualifiedfromtheprocessatanystage.

(l) Wherethebidderhas beendeclaredasdefaulteror blacklistedbyGSCDCL/MunicipalCorporationGwaliorbeforethedateofopeningoftechnocommercialBid.

44. **MaintenanceofallSmartParkingsduringConcession Period**

a)MinimumMaintenancetobeensuredbytheConcessionaire:TheConcessionaireshallbefullyresponsiblefor theMaintenanceandupkeepofalltheSmartParkingsfromthedateofhandingovertherights.

I. TheConcessionairehastoadheretotheoperationandmaintenancepoliciesandprocedures,asdefinedi ntheSOPsduringfirst stage oftheproject andapprovedbyGSCDCL,formanagingandoperatingtheProject.Thisincludes(butnotlimitedto)appro achrelatedtomanpower,resources,vendormanagement,security,customerservice,repairandmainte nanceandotherprimaryfunctions,usermanuals,technicalmanuals,financialmanagement,riskmana

gement,life/safetymanagement,employeemanagementandadministrativepoliciesandprocedures.It alsoincludesthekeyelementsofamanagementplanforthisprojecttoincludeconsiderationsforcustomerserviceimprovement,enhancedeconomicimpactgeneration,whichisthekeytothisprojectoperation.

II. TheSmartParkingsshallbestructurallysoundandmaintainedingoodand properlysecuredcondition.Theequipmentsandvariablemessagingboardsshall,atall time,beerected,fixedandretainedin allrespect tothesatisfactionandinaccordancewith therequirementprescribedbytheCommissioner,GSCDCLorhisauthorisedofficer.Oncompletionofthe Concessionperiodoritspre-determinationforanyreasonwhatsoever,includingsurrenderbytheConcessionaire,theequipmentsandstructuresoftheSmartParking,shallbecomethepropertyoftheGSCDCL.

III. Concessionairewillberesponsibletodeployon-fieldresourcesforappropriateupkeeping,maintenance,andoperationofallequipment,hardware,andsoftwarecomponents,andensuresmoothfunctioningoftheprojectthroughouttheentireConcessionperiodofTenYears.TheBidderhastomanageallonstreetandoffstreetparkingandcollectrevenue.

IV. ThecomprehensiveOperationsandMaintenance(O&M)periodforallsensors,devices,equipmentanditsrelatedhardware,software,electricalandnetworkinfrastructurecomponentssuppliedandinstalledforthisprojectincludingconfigurationofservers,desktops,routers,switches,firewall,LEDsignage,parkingsensorsandvariousotheractiveandpassivecomponentsalongwithrepair,replacementofparts,sensors,providingspareparts,updating,securityalertsandpatchupdating,regularbackupofthedataetc.shallbeuptoaperiodofTenyearsfromthedateofhandingoverofallagreedParkinglotstotheConcessionaire.TheConcessionaireshallprovidecomprehensiveon-sitewarrantyforallthehardwareitemsandperipheralsthroughouttheConcessionperiod.

V. TheConcessionaireshalldeputeadequatemanpowerasfulltimededicatedonsiteteam.Theteamshallbedeputedtoidentify,acknowledge,troubleshoot,manage,replaceandrepairthehardware/systemsoftware.Theteamshallundertakeday-to-daytroubleshootingandmaintenancerequirementsforthisproject

VI. Theteamshallbealsoberesponsibleforregularmonitoringofalltheequipment,proactivelyperformwarrantychecks,andgenerateServiceLevelAgreementreportsfromtheSLAmonitoringtool.

VII. TheteamshallberequiredtotakeregularbackupoftheapplicationdataasperthefrequencydefinedbyGSCDCL.Securityandsafetyarrangements forsafecustodyofthebackupdatashallalsobetheresponsibilityofConcessionaire.

VIII. TheConcessionaireshallensurethattheteamhasappropriateskill-setsformanagingnetworking,hardwareandapplicationsoftwaretools.

IX. AllpatchesandupdatestoanysoftwareandhardwaredevicesshallbeprovidedbythesuccessfulBidderwithoutanyadditionalcoststhroughoutthetenureoftheConcessionAgreement.

X. PeriodicRevenueauditbysiteinchargeshouldbeconductedmonthlyandthirdpartyauditbyRegionalteamappointedbytheConcessionaireandQualityAuditstobeperformedhalfyearlybytheConcessionaireandrelevantreporttobesubmittedtotheauthoritiesofGSCDCL.

XI. TherehastobeFunctionalandBehaviouralTrainingtobeprovidedtothestaffonceayearbytheConcessionaireandrelevantreporttobesubmittedtotheauthoritiesofGSCDCL.Thesereportswillbepartofthequalityauditreports.

XII. InsurancecoveragefortheParkinglotsuptoRs.1,00,00,000Cr(RupeesOneCroreOnly)coveringtheall the damageortheftofthevehicleandinjurytoanypersonnelintheparkinglot.Anyclaim related to damage or theftof thevehicle andinjuryto any personnelin the parkinglotareresponsibilityoftheConcessionaireonly.

XIII. AllstatutorycomplianceslikeLaborLicense,ProfessionalTaxregistration,CoverageofallapplicableemployeesunderESIandPFacttobetakencarebytheConcessionaire.

XIV. Generalmaintenance,upkeepandcleanlinessoftheparkinglotsistheresponsibilityofConcessionaire.

XV. Anydamagetothestreet,foot-path,tiles,curb-stones,centralvergeoranyotherancillarystructures,duringup-

gradation/repair/maintenance/operationoftheSmartParkingSystem,includingsupportingstructures,shallbethesoleresponsibilityoftheConcessionaire,whichshallbemadegoodbytheConcessionaire, asperexistingspecifications,atitsowncost.

XVI. TheConcessionaireshalltakeallprecautionstoavoidanyaccidentsduringup-gradation/repair/maintenance/operationoftheSmartParkingSystem,electricalfittingsandfixtures.Ifanyaccidentoccursduringup-gradation/repair/maintenance/operationoftheSmartParkingSystemfittingsandfixtures,theConcessionaireshallbedirectlyresponsibleforthedamagesoranyotherconsequences,whatsoeverandGSCDCLshallbekeptfreeofallsuchliabilitiesandtheConcessionaireshallindemnifyGSCDCLincaseofanyliabilityisimposedtoit.ProperarrangementshallbemadebytheConcessionairetoavoidanyhindrancetothetrafficduringup-gradation,repair,maintenanceandoperationoftheSmartParkingSystem.Diversionoftraffic,ifrequired,shallbearrangedbytheConcessionaireaspertrafficpolicerequirementsathisowncost

XVII. DuringtheentiretermofcontracttheSmartParkingSystemstructureshouldbekeptclean,wellpaintedandrust/corrosionfree.

XVIII. TheConcessionaireshouldensurethatnobodyelsepastestheirSteakerorpostersonSmartParkingSystem.IfanysuchthingshappenthentheConcessionaireshouldensurethattheylodgesaPoliceFIRagainstit.

XIX. ThelightingarrangementattheSmartParkingSystemshouldbefunctionalatalltimes.ElectricalsafetyistobeensuredforusersaswellasConcessionairestaff.

XX. AllequipmentsandstructuralmembersofSmartParkingSystemaretobeinspectedandmaintainedingoodconditionaspertheMaintainmanual.

XXI. SecurityofallSmartParkingSystemistheresponsibilityofConcessionaireincludingthelightingarrangement.

45. **Taxes**

(a) TheConcessionaireshallberesponsibleforalltheincometax,statutorytaxes,statutorydues,locallevies,Goods&Servicetax,etc.,tobepaidtoGovernment/Statutorybodies/Authorities,etc.,fortheservicesrenderedbyit.TherewillbenotaxliabilityupontheGSCDCLwhatsoeveronanyaccount.

(b) TheConcessionaireindemnifiesGSCDCLfromanyclaimsthatmayarisefromthestatutoryauthoritiesinconnectionwiththisLicense.

(c) TheConcessionaireshouldensureenforcementof ApplicableLawsincludingLabourLaws,MinimumWagesLaws,etc.,andatnopointoftimeshouldtheGSCDCL bedrawnintolitigationonthesecounts. The Concessionairehoweverundertakesto indemnifyGSCDCL in caseof anyliabilityisimposedtoit

46. **RolesandResponsibilities**

46.1. **GSCDCL**

GSCDCLagreestoobserve,complyandperformthefollowing:

(a) TheConcessionaireshalldevelopandmaintainSmartParkingonlyontheearmarkedsitesbyGSCDCL.Anyviolationshallresultincancellationofthecontract.

(b) Concessionairetobearallexpenses:TheConcessionaireshallincurallexpensesrelatedtoinstallation,erection,CivilConstruction,ElectricalInstallationoftheSmartParkingSystemandStructuraldesignofSmartParkingSystem,designedandcertifiedbyStructuralEngineer,thecertifiedstructuraldesignanddrawingsubmittedbyConcessionaireshallbefurtherverifiedbyGSCDCL.UnderNocircumstancesGSCDCLshallbearanychargesrelatedtotheinstallationanderectionandmaintenanceoftheSmartParkingSystem.TheConcessionaireshallhavetogetthestructuralplansapprovedbytheStructuralEngineerofgoodreputedulyapprovedbyGSCDCL,athisowncost

(c) MinimumspacerequiredforinstallationofGateway,Switches,Routers,Cameras,LED/LCDdisplays,etc.,forsmartparkingserviceswillbeprovidedfreeofcostbyGSCDCL.However,anyCivil/Electricalworkrequired

willbetheresponsibilityoftheConcessionaireathiscost.

(d) TheConcessionaireisalsoallowedtoinstalltheOutdoorMediaDevicei.e.MUPI/informationpanelsonlyon off-streetparkingandinmulti-levelparkinglocations,subjecttotheapprovalofGSCDCL.Themaximumspaceallowedtoinstalltheinformationpanelswillbe100squarefeetonlyatOff-siteandMLC.Anyviolationshallresultinimmediatecancellationofthecontractwithoutanypriornotice.

(e) TheformatforadvertisementwillonlybeMUPI/Informationalpanelsofdefinedsizeonly with reference to Madhyapradesh Outdoor Advertisement Media Rules-2016,subjecttotheapprovalofGSCDCL.

(f) TheadvertisementrightswillbeassignedonlywhenSmartParkingSystemwillbecompletelyinstalledonalltheassignedlocations.

(g) GSCDCLwillprovideonlybuilt-upspaceforsettingupofCentralControlCentreandConcessionairehavetoarrangedatapointsandincurallthecostassociatedwithsettingupofCentralControlCentre.

(h) AttheendoftheConcessionperiod,allrightsgiventotheConcessionaireshallbeterminatedautomatically.

(i) GSCDCLshallprovidesinglewindowclearance,whereGSCDCLhasfullcontrolandjurisdiction,totheConcessionaireforthepurposeofthisRFPdocument.

(j) AreasfornoparkingandtowingaretobedefinedbyGSCDCLinconsultationwithTrafficPolicedepartment.

(k) ParkingyardfortowedvehiclesshallbeprovidedbyGSCDCL.However,thesameshallbemanagedbytheConcessionaire.

(l) Ifanycivilworkrequiredtobedone,theConcessionairehavetosubmitthedesignanddrawingofthesamealongwithdetailestimateaspertheUADDeffectiveSORandafterobtainingapprovalfromGSCDCL.

46.2.   **Concessionaire**

TheConcessionairerole,responsibilitiesandobligationsrelatingtotheProjectareprovidedhereinbelow:

(a) Design,develop,provide,install,manage,operateandmaintainthesmartparkingsystemasdefinedunder clause4,aspertheServiceLevelAgreement(SLA)throughouttheConcessionperiod.PenaltywillbeimposedasperSLAinthePenaltyClauseofthisRFPdocumentfornon-adherenceofthe termsandconditionsoftheRFP.

(b) Operate,maintainandmanageallhardware

,softwareandservicescoveredinthisRFPdocumentthroughouttheConcessionPeriod.

(c) TheConcessionaireshallprovideconnectivity(electrical,network,etc.)withintheparkingareatoalldevices/equipment,suchasLEDsignageincludingvariablemassagessignboards,sensors,boombarriers,entry/exitsystems,handhelddevice(fallbackdevice),autopaystation,manualpaystation,CentralControlCentre,built/installedunderthisRFPdocument,andrunning,maintenance,operationandmanagementcostofthesedevices/equipmentthroughouttheConcessionPeriod.

(d) TheConcessionairewillberesponsibleforallcivilandinstallationworkrelatedtonetworkconnectivity,powersupplyextensionstodevices,installationofdevicesandequipment,andanyothernetworking,communication,andinfrastructurerequirementsrelatedtoanyworkunderthisRFPdocument.

(e) Watchandwardoftheassets/servicescreatedinthisproject.TheConcessionairehastoreplacethematerial(s) / equipment(s)/device(s) in caseof anytheftor lossduetoany otherreasons,whichaffectstheservices/assetsunderthisproject.

(f) ConcessionaireshallarrangeFTTH/broadbandconnectionateachof theparkinglot tobringparkingrelateddataonreal-timebasis

(g) ErectsuitablesteelstructuresatitsowncostforinstallationofLEDsignageforparkingguidanceandmanagementsystem.Thesestructures/polesshallbeofstainlesssteel,andaestheticallydesignedandstructurallystableandasperGSCDCLspecifications.TheConcessionaireshallalsoindemnifyGSCDCLforanydamageduetosuchstructures.

(h) Mayutilisestreetlightpoles,withpriorpermissionfromGSCDCL,forinstallationofrepeaters/Gateways,s

witches/routersasnecessaryandusedexclusivelyforthepurposeofthisproject,withoutcompromisingtheaestheticsenseandstrengthofpole.

(i) GSCDCLwillbetheownerofalldismantledexistingequipmentfromtheparkinglotsandallsuchequipmentshallbehandedovertoGSCDCL,notlaterthanafortnightfromdateofsuch

dismantling.

(j) Engageadequatebatterybanktoensureuninterruptedpowersupplytoallhardware(equipment,devices,etc.)coveredunderthisRFPdocument.

(k) AllphysicalassetscreatedunderthisRFPasperBillofMaterials(BoM),willbecomethepropertyofGSCDCLattheendof

ConcessionPeriodoratterminationoftheConcession,whicheverisearlier,andtheConcessionairewillnothaveanylegalrightontheseassets.

(l) AttheendoftheConcessionPeriodof10(Ten)yearsofO&M,theConcessionaireshallhandoverallphysicalassetsbelongingtoGSCDCLinproperworkingcondition.Incaseofanydeficiencynoticedatthetimeofsuchhandingover,theConcessionairehastogetitrectifiedathisowncostwithin15daysofsuchhanding-over,otherwise,GSCDCLwillgetitrectifiedattheriskandcostoftheConcessionaire.PerformanceSecurityofConcessionairewillbereleasedonlyaftersuccessfulhandingoveroftheallphysicalassetsinworkingconditiontoGSCDCL.

(m) AnydamagetootherservicesarisingduetoinstallationorexecutionorrepairormaintenanceworkbytheConcessionaire,shallhavetobemadegoodbytheConcessionairewithinseventytwo
(72)hoursofsuchdamage,failingwhichGSCDCLwillissueanoticetoConcessionaireaskingforjustification.Concessionairewillberequiredtorespondtosuchnoticewithinthree(3)workingdays.In caseit isfound out that   the   current issueathandisoutifcontrolofConcessionairethenproblemwillbesolvedjointlybyGSCDCLandConcessionairebasedontheiragreement.Else,Concessionairewillberequiredtodotheneedfulwithinsevetytwo(72)hoursofthedecisionmadebyGSCDCL

(n) ThelocationofParkinglotsandareagivenunderthisRFPdocumentisbasedonpreliminarysurvey.Areaandlocationmaychangewhilepreparingdetaileddesignandexecutionofthisproject.DuringtheConcessionPeriod,newparkinglot(s)maybeaddedbyGSCDCLandtheConcessionairehastocoversuchlot(s)underthescopeofthisprojectwiththeagreedParkingTariff.

(o) TheConcessionaireshallpayConcessionFeetoGSCDCL.

(p) ConcessionairetodepositBG/FDR/DDasarefundablesecuritydepositwiththeGSCDCLaspertheprovisionsofthisRFP,whichwillbereleasedwithinninemonthsfromthedateofendofConcessionPeriod,onlyuponsuccessfulcompletionoftheworkandsettlementofalldues(unlessthesaidamountisforfeitedforanybreachofcontract)andthatthesaidSecurityDepositshallnotcarryanyinterest.

(q) Foranycomplaintregistrationbyusers,provisionsshallbemadebytheConcessionaireinSmartParkingMobileApplicationandinawebportal.DedicatedWhatsAppnumber/Helplinenumbershallbeprovidedtousersforanycomplaints/suggestions/feedbackwithregardtoparking.ThesameshallbemonitoredbytheConcessionaireandadequateresponsesshallbedelivertouserswithin48hours.TheConcessionaireshallprovideaweeklyreporttotheED,GSCDCLeveryMondayonthe   numberof complaintsreceivedduringthepreviousweek(MondaytoSunday) andthenumberofrepliesfurnishedbyittothecomplainantsalongwithnumberofcomplaintsonwhichnoresponsehasbeenmadebytheConcessionaire.

(r) TheConcessionaireshallhonourthe'ParkingPasses/Stickers'issuedbyGSCDCLandwillnotchargeanyparkingfeesfromtheuserofsuchvehicleshaving'ParkingPasses/Stickers'issuedbyGSCDCL.Suchnon-chargingofparkingfeesbytheConcessionaireshallhavenointerferenceonConcessionFeestobepaidbytheConcessionairetotheGSCDCL,andtheConcessionairecannotmakeanyclaimontheaccountofnon-chargingofparkingfeesfromsuchvehicles.Such'ParkingPasses/Stickers'shallbevalidoncalendaryearbasis.GSCDCLshallprovidethedatabaseofpasses/stickers(VehicleNumber,pass/stickerNo.,Typeof   Vehicle– Car,Scooter,Motorcycle,etc.)issuedbyittotheConcessionaireinthesoftwareprovidedbytheConcessionaireforthispurposeonreal-timebasis.

(s) Apply for road cutting permission to GSCDCL, in one-month advance, showing its requirements, layout plan for services to be laid, plan for restoration with timelines. GSCDCL will get it approved as per feasibility at site. The final route will be decided/approved by GSCDCL keeping in view the requirements of the Concessionaire and the site conditions. As such, any instructions/policy of GSCDCL, Government of MP and Government of India issued from time to time will be applicable on the Concessionaire.

(t) Restoration of roads, footpath, green portion, etc., will be done by the Concessionaire at its own cost as per plan approved by GSCDCL or within 15 days (whichever is earlier) from the date of any road cutting done by the Concessionaire of by GSCDCL in relation to the work for parking solution under this project. Restoration has to be done with equivalent specifications provided by GSCDCL so that after restoration the aesthetics and purpose of use will not compromise. Restoration work shall be carried out as per CPWD specifications.

(u) The Concessionaire shall take metered electricity for parking sensors, gateway, router/switches, LED signage/displays, Parking guidance system and all systems for on-street, off-street and underground parking equipment, etc., and for all equipment installed in Central Control Centre. The entire electricity charges shall be borne by Concessionaire only

(v) The Concessionaire shall integrate the Smart Parking Mobile Application and the web portal with the GSCDCL App, and with the GSCDCL Command and Control Centre, as and when such Command and Control Centre will be set-up by the GSCDCL by itself or through any other Concessionaire.

(w) At the time of completion of implementation period (i.e. three months from the date of handover of the parking lots to the Concessionaire by GSCDCL), the Concessionaire shall inform the GSCDCL in writing for the same along with a list of all the assets (details of equipment, software, services, etc.) deployed during the implementation period under this RFP document, including their costs. The Concessionaire shall update such assets list on yearly basis throughout the Concession Period.

(x) Ensure that all the vehicles will be parked in the space defined for each vehicle in the parking lot. The parking attendant will ensure proper parking of vehicles in each slot.

(y) The Concessionaire shall be responsible for any theft/damage/loss of vehicles parked in parking lots and shall be responsible for settlement of the dispute, if any, including under the Court of Law, and also follow all instructions and guidelines issued by Gwalior Police/statutory rules and regulations/GSCDCL for prevention of misuse of parking lots, including usage by anti-social elements, terrorist(s), etc.

(z) Responsible for the enforcement of parking and no-parking areas, removal of unauthorised parked vehicle from area, which is provided as Annexure-1, other than specified parking lots. The Concessionaire shall deploy Tow-Truck for towing of illegally parked vehicles in the parking area and in no-parking areas. Specifications/requirements of Tow-truck are defined in this RFP.

(aa) Undertake all measures for Cyber security, protection of information and communication technology systems of this project from cyber-attacks that are purposeful attempts by unauthorised persons to access ICT systems in order to achieve the target of theft, disturbance, damage, or other illegal actions. The Concessionaire will detect, analysis and do mitigation of vulnerabilities and protect Central Control Centre including Data Centre from cyber-attacks throughout the Concession Period.

(ab) Propose additional measures to increase occupancy of parking lots. However, the Concessionaire will be required to take approval from GSCDCL before implementation of any measures to improve the parking efficiency.

(ac) Ensure at all times that the parking lots are utilised by cars, cabs, two-wheelers, and other small vehicles, but no heavy or medium commercial vehicles are parked in specified parking lots unless the parking slot/lot is dedicated to buses.

(ad) The Concessionaire will provide necessary support, data and other required information for integration of smart parking solution with Central Command and Control Centre of GSCDCL, as and when such Command and Control Centre will be set-up by GSCDCL by itself or through any other Concessionaire in future.

(ae)Responsibleforandprovidesecurityattheparkinglots,andshallreportcrimesinparkinglotstoGwaliorPoliceandGSCDCLwithoutfail.

(af)TheConcessionairehavetodeploythesecuritystaffonparkingyard.

(ag)TheGSCDCLwilldeployThirdPartyAudittoevaluate theSmartParkingSystem.ThethirdpartyauditchargesofsmartparkingsystemwillbepaidbyConcessionaire only.

47. **ElectricityConnection**

a) GSCDCLwillhandovertheSmartParkingsitesaspertheRFPtothe successfulbidder.ItwillbetheresponsibilityoftheConcessionairetoinstall/erectandmakearrangementforElectricityconnectiontoSmartParkingsitesasperrulesandlaworinstructionsissuedbyUnionGovt.orM.P.Govt.orGSCDCLoranyauthorityinthisregard.TheConcessionairehastobearalltheMaintenancecostofSmartParkingSystemincludingElectricityBilletc.duringtheentireConcession Period.Duringthecurrencyofthecontract,ElectricityconsumptionBillofSmartParkingSystemshallbeborne bytheConcessionaire.

Further,anytheft,mishandlingofElectricitymeter/fittingduringtheperiodofthecontract,thelicenseeshallalsobearthecostofthesame.Further,itwillbetheresponsibilityoftheConcessionaire   to   hand   over   the entireSmartParkingstoGSCDCLonexpiry/termination/surrenderofcontractasthecasemaybe,ingoodconditionandwithfullElectricityfitting.TheproportionatedeductionsonaccountofmissingElectricityfittingshalbemadefromtheperformancebankguarantee.

b) ConcessionairewillnotbeallowedtouseDieselGeneratorSetsforanypurposeontheSmartParkingSystem.IncaseanyD.G.Setsisfoundoperating,directlyorindirectly,thesamewillbeseizedbytheGSCDCLandGSCDCLwillhavetherighttoimposepenaltymaximumuptoRs.5000/-(Rupeesfive   thousand   only)perday ortoterminate thecontractwithoutgivinganynotice.ThisactionwillbeinadditiontoandwithoutprejudicetotherightsandactionstakenbyanygovernmentConcessionaireunder provision oflawforunauthorizeduseofD.G.Set.

48. **ComplianceetoRules,Regulations,InstructionsandStatutoryProvisions**

ItwillbetheresponsibilityoftheConcessionairetoensurethatallinstructions/provisionsissuedtimetotimeby GSCDCL,MadhyaPradeshGovernment,ElectricityCompany,PWDoranyotherdepartmentoftheUnionGovt. orM.P.Govt.,oranyotherauthorityarestrictlyadheredto.Anyviolationofanylawfulprovisionwillbetreated,as aviolationofthetermsandconditionsofcontractandactionwillbetakenagainsttheConcessionaireasperprovisionofthecontract.

49. **ConcessionaireResponsibilityforPublicLiabilityandagainstallClaims,Lossesetc.**

TheConcessionaireshallindemnifytheGSCDCLagainstallclaims,actions,demands,losses,charges,andcostofexpenses,whichtheGSCDCLhastoincur,orwhichmayoccuronaccountofinfringementofanyofthesecondtionsbytheConcessionaireoronanyotheraccountwhatsoever.TheConcessionaireshallobtainapublicliabilitypolicyofinsuranceinrespectofGSCDCLallottedtohim.

50. **TheAuthoritytoRecovertheCostinCaseofanyDefault**

IftheConcessionaireshallneglectorfailtodoanythingwhichheisrequiredtodoundertheProvisionsofthecontract,theCommissioner,GSCDCLoranyotherauthorisedPersonmayserveanoticeontheConcessionaireaskinghimtodothethingsagreeduponasAforesaidandontheirneglectorfailuretodoasdirected,causethesametobe doneandrecoverthecost   thereof   fromtheConcessionairewithoutprejudicetoanyotherrights,   the GSCDCLmayhaveonaccountofsuchdefault.

51. **TerminationofContractonBreach**

51.1. **ByGSCDCL**

(a) TheGSCDCLmay,bynotlessthan30(Thirty)days'writtennoticeofterminationto theBidder,suchnoticetobegivenaftertheoccurrenceofanyoftheeventsspecifiedinthisClause,terminatethis Agreementif:

I. theBidderfailstoremedyanybreachhereoforanyfailureintheperformanceofitsobligationshereunder,as specifiedinanoticeofsuspensionpursuanttoClausesofthisRFPhereinabove,within30(Thirty)daysofrec eiptofsuchnoticeofsuspensionorwithinsuchfurtherperiodastheGSCDCLmayhavesubsequentlygrant edinwriting;

II. theBidderbecomesinsolventorbankruptorentersintoanyagreementwithitscreditorsforreliefofdebtort akeadvantageofanylawforthebenefitofdebtorsorgoesintoliquidationorreceivershipwhethercompulsor yorvoluntary;

III. theBidderfailstocomplywithanyfinaldecisionreachedasaresultofinaccordancewiththedisputeredress almechanismpursuanttoClausesofthisRFPhereof;

IV. theBiddersubmitstotheGSCDCLastatementwhichhasamaterialeffectontherights,obligationsorintere stsoftheGSCDCLandwhichtheBidderknowstobefalse;

V. anydocument,information,dataorstatementsubmittedbytheBidder in its Proposals,basedonwhichtheBidderwasconsideredeligibleorsuccessful,isfoundtobefalse, incorrectormisleading;

VI. astheresultofForceMajeure,theBidderisunabletoperformamaterialportionoftheServicesforaperiodof notlessthan60(sixty)days;or

VII. theGSCDCL,initssolediscretionandforanyreasonwhatsoever,decidestoterminatethisAgreement.

(b) IncaseofbreachbytheConcessionaireofanytermsandconditionsoftheRFPorthatofagreement,theComm issioner,GSCDCLshallhaveabsoluterighttoterminatethecontractwithoutnoticetotheConcessionaireandc ausetheadvertisementsremovedattheriskandcostoftheConcessionaireandforfeittheConcessionFeeforun expiredperiodandthesecuritydeposit.TheGSCDCLreservesitsrighttoencashperformancebankguaranteeev enbeforeterminationofthecontractonbreach.

(c) It is further agreed that the Concessionaire shall not commit any breach of the terms that the Smart Parking System shall be installed and operationalised by the Concessionaire within Three (3) months from the agreement date/Date of Clear Site Handover from GSCDCL whichever is earlier in accordance with the RFP stipulations.

(d)

(e) ItisfurtheragreedthattheConcessionaireshallnotcommitanybreachofthetermsandconditionsoftheagr eementandintheunlikelyeventofanyotherbreach,theGSCDCLshallgivenoticecallinguupontheConcessionai retorectify/remedythebreach,tosatisfytheGSCDCLabouttherebeingnobreachandsatisfytheGSCDCLwith inaperiodof30daysfromthedateofnoticeotherwisetheGSCDCLshallbeentitledtoterminatetheagreementwi thoutgivinganyfurthernoticeandinthateventtheGSCDCL shallbeentitled torecover allits dueswhichcanbeadjustedfrom theduesofConcessionaireifanyfounddduetohim.

(f) ItisfurtheragreedthattheConcessionairehastohandoverttheSmartParkingSystemingoodconditionincl udingElectricityConnectionandElectricFittings.Incaseofanydamage/loss/mishandlingobserved,expendi tureoccurredthereupontomakeitingoodconditionwouldbededucttedfromtheSecurityDeposit.

51.2. **ByConcessionaire**

TheBiddermay,bynotlessthan90(ninety)days'writtennoticetotheGSCDCL,suchnoticetobegivenaftertheoc currenceofanyoftheeventsspecifiedinthisClause,terminatethisAgreementif:

(a) TheGSCDCLfailstopayanymoneyduetotheBidderpursuanttothisAgreementandnotsubjecttodisputep ursuanttoClausesofthisRFPhereofwithin45(fortyfive)days afterreceivingwrittennoticefromtheBidderthatsuchpaymentisoverdue;

(b) TheGSCDCLisinmaterialbreachofitsobligationspursuanttothisAgreementandhasnotremediedthesa mewithin45(fortyfive)days(orsuchlongerperiodastheBiddermayhavesubsequentlygrantedin writing)followingthereceiptby theGSCDCLoftheBidder'snoticespecifyingsuchbreach;

(c) AstheresultofForceMajeure,theBidderisunabletoperformamaterialportionofthe Servicesforaperiodofnotlessthan60(sixty)days;or

(d) The GSCDCLfailstocomplywithanyfinaldecisionreachedas aresultofarbitration pursuanttoClausesofthisRFPhereof.

52. Temporary or permanent disruption of parking lot operations

The following clauses shall apply with respect to temporary or permanent disruption of one or more parking lot on account of unforeseen circumstances or actions taken by any local authority.

52.1. Closure or shifting of a parking lot

Where it is, on account of unavoidable circumstances, no longer possible for a parking lot to continue operations, GSCDCL, or the Nagar Nigam, Gwalior shall under intimation to the Concessionaire, undertake to dismantle such installation.

Provided that GSCDCL, or the Nagar Nigam, Gwalior shall offer, on 'best effort basis', an alternative site for reestablishing such a parking lot.

In the intervening period, when a parking lot has been dismantled and either no new site has been assigned, or a new site is under preparation, the concession fee, proportional to what would have otherwise been receivable from the dismantled lot, shall be waived by GSCDCL. In case, GSCDCL, or the Nagar Nigam, Gwalior are unable to provide a suitable alternative to the dismantled site, the amount of concession fee, proportional to what would have otherwise been receivable from the dismantled lot shall be waived for the remainder of the concession period.

52.2. Temporary disruption on account of external work

Where Nagar Nigam Gwalior or GSCDCL carries out any work or exercise that temporarily disrupts the operations of any parking lot, by way of obstructing entry into or exit from such lot, the concession fee for the specific lot(s) shall be reduced for the period of inoperability as follows:

- For disruptions not exceeding more than three days, $1/6^{th}$ of the concession fee for the lot payable for the month
- For disruptions exceeding more than three days but not seven days, $1/4^{th}$ of the concession fee for the lot payable for the month
- For disruptions exceeding seven days but not exceeding 15 days, ½ of the concession fee for the lot payable for the month.
- For disruptions exceeding 15 days, the entire concession fee for the lot payable for the month.

For the above clauses, the concession fee payable for the lot shall be computed as follows: [(Number of two wheeler spaces in the lot) + (Number of four wheeler spaced in the lot)]

[(Number of two wheeler spaces in the entire contract) + (Number of four wheeler spaced in the entire contract)]

Multiplied by the overall concession fee for the month.

53. Transfer of Rights

The Concessionaire shall not assign or transfer the rights hereby granted to, to any person or persons, firm or company whosoever or whatsoever in any manner including by way of subcontract, agency or in any other manner without intimating in writing to Commissioner GSCDCL.

54. Acceptance / Rejection of Bid

The Commissioner, GSCDCL reserves the right to accept or reject any Bid without assigning any reason.

55. Jurisdiction of Court

The courts located in Gwalior (M.P) only shall have the exclusive Jurisdiction to try and decide the matter/dispute between the parties.

56. Written Agreement

TheConcessionairewillhavetoenterintoanagreementwiththeGSCDCLfortheproperfulfilment ofthecontractonlinessimilartotermsoftheBidorasmodifiedoraddedbyCommissioner,GSCDCL.SuchBidde rshallhavetofurnishtwonon-judicialstamppaperRs.100/- eachwithintendaysfromthedateofissueofofferletter.AnConcessionAgreementshallbeexecutedonlyonfurni shingthePerformanceSecurityasperclauseofPerformanceSecurity.

AlldocumentssubmitbyConcessionaireatthetimeofBidwillbethepartofConcessionAgreement.

57. **EntireAgreement**

ThisAgreementandtheAnnexestogetherconstituteacompleteandexclusivestatementoftheterms   of theagreementbetween   thePartiesonthe   subject   hereof,   andnoamendmentor modificationheretoshallbevalidandeffectiveunlesssuchmodificationoramendmentisagreed toinwritingbythePartiesanddulyexecutedbypersonsespeciallyempoweredinthisbehalfbytherespectivePar ties.Allpriorwrittenororalunderstandings,offersorothercommunicationsofeverykindpertainingtothisAgre ementareabrogatedandwithdrawn;provided,however,thattheobligations oftheBidderarisingoutoftheprovisionsoftheRFPshallcontinuetosubsistandshallbedeemedtoformpartofth isAgreement.

WithoutprejudicetothegeneralityoftheprovisionsofaboveClause,onmattersnotcoveredbythisAgreement,t heprovisionsofRFPshallapply.

58. **ForceMajeure**

58.1.   **Definition**

(a) ForthepurposesofthisAgreement,"**ForceMajeure**"meansaneventwhichisbeyondthereasonablecontro lofaParty,andwhichmakesaParty'sperformanceofitsobligationshereunderimpossibleorsoimpracticalasre asonablytobeconsideredimpossibleinthecircumstances,andincludes,butisnotlimitedto,war,riots,civildis order,earthquake,fire,explosion, storm,floodorotheradverseweatherconditions,strikes,lockoutsorotherindustrialaction(exceptwheresuch strikes,lockoutsorotherindustrialactionarewithinthepowerofthePartyinvokingForceMajeuretoprevent),c onfiscationoranyotheractionbygovernmentagencies.

(b) ForceMajeureshallnotinclude(i)anyeventwhichiscausedbythenegligenceorintentionalactionofaParty oragentsoremployees,nor(ii)anyeventwhichadiligentPartycouldreasonablyhavebeenexpected   toboth(A) takeintoaccountatthetimeoftheconclusionofthisAgreement,   and (B)avoidorovercomeinthecarryingoutofitsobligationshereunder.

(c) ForceMajeureshallnotincludeinsufficiencyoffundsorfailuretomakeanypaymentrequiredhereunder.

58.2.   **NobreachofAgreement**

ThefailureofaPartytofulfilanyofitsobligationshereundershallnotbeconsideredtobeabreachof,ordefaultun der,thisAgreementinsofarassuchinabilityarisesfromaneventofForceMajeure,providedthatthePartyaffecte d   bysuchaneventhastakenallreasonableprecautions, duecareandreasonablealternativemeasures,allwiththeobjectiveofcarryingoutthetermsandconditionsofth isAgreement.

58.3.   **Measurestobetaken**

(a) A PartyaffectedbyaneventofForceMajeureshalltakeallreasonablemeasurestoremovesuchParty'sinabilitytof ulfilitsobligationshereunderwithaminimumofdelay.

(b) APartyaffectedbyaneventofForceMajeureshallnotifytheotherPartyofsucheventassoonaspossible,andi nanyeventnotlaterthan14(fourteen)daysfollowingtheoccurrenceofsuchevent,providingevidenceofthenat ureandcauseofsuchevent,andshallsimilarlygivenoticeoftherestorationofnormalconditionsassoonaspossi ble.

(c) ThePartiesshalltakeallreasonablemeasurestominimisetheconsequencesofanyeventofForceMajeure.

58.4.   **ExtensionofTime**

Anyperiodwithinwhichа Party shall,pursuanttothisAgreement,completeanyactionortask,shallbeextended foraperiodequaltothetimeduringwhichsuchPartywasunabletoperform suchactionasaresultofForceMajeure.

58.5.   **Payments**

DuringtheperiodofitsinabilitytoperformtheServicesasaresultofaneventofForceMajeure,theBiddershallbe entitledtobereimbursedforAdditionalCostsreasonablyandnecessarilyincurredbyit duringsuchperiod for thepurposes oftheServices andin reactivatingtheServicesaftertheendofsuchperiod.

58.6.   **Consultation**

Notlaterthan   30   (thirty)daysaftertheBidderhas,astheresult ofaneventofForceMajeure,becomeunabletoperformamaterialportionoftheServices,thePartiesshallconsul twitheachotherwithaviewtoagreeingonappropriatemeasurestobetakeninthecircumstances.

59.   **CounterOffer**

Nocounterrequest/offerwillbeacceptabletotheGSCDCLoncetheBidprocessisinitiated.

<div style="background-color:navy; color:white; text-align:center; padding:2em;">

Section2.0

DEVELOPMENT, OPERATIONAND TECHNICALSPEC IFICATIONS

</div>

SECTION2.0:DEVELOPMENT,OPERATIONANDTECHNICALSPECIFICATIONS

2.1 **OverviewofSmartParking**

Todevelopauserfriendlyandadaptablesystemthatcanbeimplementedinparkinglots(onstreet,offstreetand multi–levelparking)toeasetheparkinghassles.

To createan impact andexperience withintegrated smartparking solutions this enables quick,fasteraccessibilitywithsinglespacedetection,parkingguidanceonreal-timeandallowgueststoreservetheparking slot.TheGovernmentof India's "Smart City" initiative is subsidized toa largeextent, howeverthereisarider:'ROI',OncethefundsareconsumedtheULB'swhichinitiatetheSmartCityprojectswoul drequireasustainabilitymethod.TraditionalTaxrevenuereceiptsareruledoutastheywouldbeaburdentothe Citizensatlarge,thereforealternativerevenuestreamsandmonetizationmechanismshavetobecreatedbefore investinginaSmartCitytechnologyproject.Toachievetheaboveobjectives,ULB'shavetoensureCitizensEnga gementthroughinclusivenessintheirplansforSmartCitydeployments,assuringthatCitizensarewiththe'Pro gram'andthesamewouldbenefitthemandnotbeaburden.Thereisalsotheneedtoensurequality employmentwhich is alsoassuredbytheGovernmentofIndiathroughschemessuchas"EmploymentforAll","StartupIndia"&Make inIndiatoitsCitizens.TosupportsuchinitiativesapreferenceshallbegiventoIndianmanufacturerswhoarereg isteredwithDIPP,MSMEsubjecttothemhavingownershipoftherequisiteIPRviapublishedpatentsinIndia.Th edeploymentofadigitalengagementmechanismwhichisproactive&unobtrusiveisthereforeessential.

Oneofthekeyproblemswhichneedstoberesolvedisparking

a. ParkinginUrbanIndiaisaherculeantaskdueto:

1. Shortageofspace

2. Lackofinformationofavailableparkingspace

b. ProblemscreatedduetolackofspaceandinformationaboutParkinginUrbanIndia:

1. Fuelwastageisfoundtobeoneofthekeyambientairpolluterleadingtoseverehealthissues.

2. Fearpsychosisatthebeginningofajourney–WherewillIpark?WhatifIdon'tfindparkingSpace?

3. IrregularparkinginthecityleadstoroadcongestionwhichalsoleadstoRoadRage.

4. UrbanLocalBodylosesrevenue

c. Security:

1. ExistingonStreetorOffStreetparkingsystemsaremanuallymanagedanddonotcapturevehiclean dddriverdetails.ConsideringtheriseincrimeandterrorisminUrbanareasacrosstheglobe,itisnown ecessaryforPolicingagenciestobeabletocorrelateCitizenswiththeirvehiclesalongwiththelocation (Geography).
Revenueleakageinexistingparkingcontractsduetoover95%utilizationofcashandalackofmonitor ingsystemswhichwouldhelpreconcileparkingreceiptswithparkingoccupancyandparkingenforc ementinrealtimeensuringhighestlevelsoftransparency.

ThecostofenablingSmartParkingsystemsishighaswellastechnologydependent,thereforeaPPPmodelwhich shallpromotevarioussmartmonetizationmethodstoensuresustainabilityofthedeploymentshallbeapriority .

GSCDL,hasthereforeenvisagedaSmartParkingmanagementsolutionalongwithaCitizensengagementAppi ncludingSmartParkingfeaturestoachievenotonlymultiplerevenuestreamsbutalsotheabilitytoincentivizet heCitizensbyensuringengagement.

ACashlessArchitectureisoneofthekeyobjectivesofthesolution,legalframeworksaswellasaccessibilityforallcitize nsunderalltransactionalconditionshavetobeachieved.Thereforeahybridsolutionwhichshalloveraperiodoftime migratetowardsacompletelycashless,digitalecosystemshallbeprocured.

Themachinelearningcapabilitiesandautomationthroughunobtrusivepermissionbaseddatacollectionand analyticsisleveragedtoprovideaveryhighlevelofengagementbenefitstoallthestakeholders.

GwaliorDemographics:

a) Population:greaterthan2million

b) Literacyrate:78%

c) SmartPhonepenetration:45%(roundedoffto50%):1million

d) Debitcards:1million

Note:

1) July2016:25.9millioncreditcardsand691milliondebitcards,postdemonetizationthecreditcardowne rshipalmostdoubled:appx.50MillionCreditCardsagainstapopulationof1.3billion.Ifwesimplycompu tethedebitcardvolumeitisavailablewithabout50%ofthepopulation,thereforewedefinedebitcardvolu mesforourcalculation.

2) Theabovestatisticsclearlyprovethenecessityforahybridmodelwhichshallgocashlessorcompletelydi gitalalongwiththepenetrationofdigitalcommunicationsandfinancialtokenstoprovideaninclusivesol utionforGwalior'scitizens.
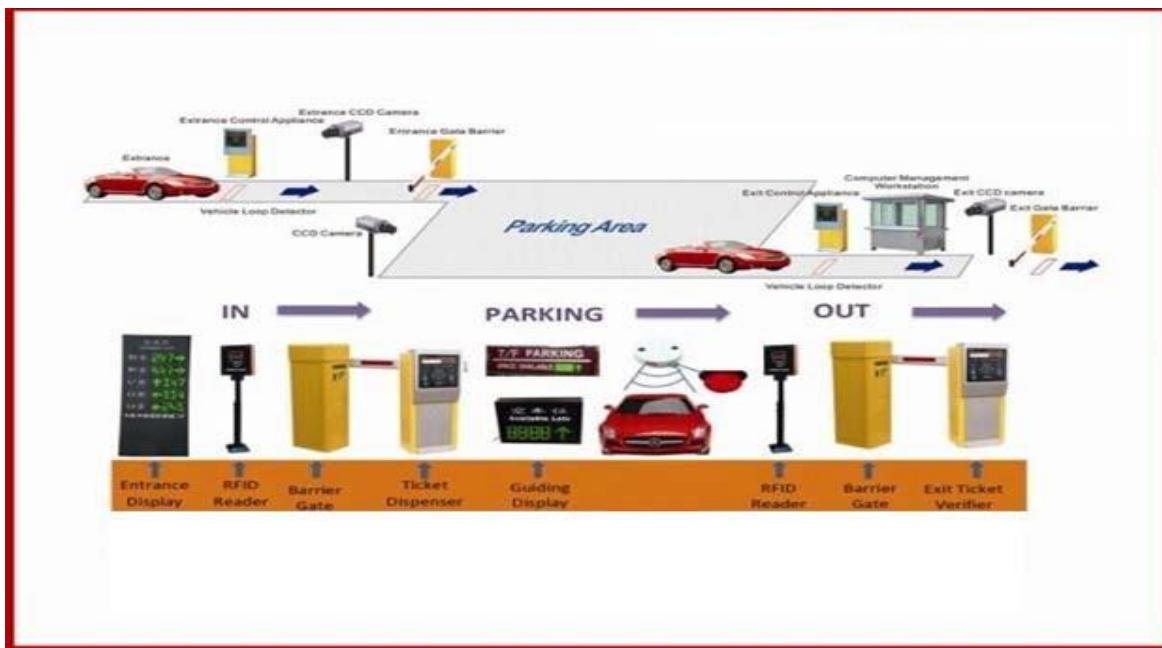
2.2 DevelopmentControlsandTechnicalSpecifications

2.2.1 DevelopmentBrief

TheresponsibilityoftheBiddershallincludeallactivitiesthatarerequiredtobeundertaken,inordertoconfirm withtheMinimumDevelopmentObligations,UseAllocationprovidedinthissectionofRFP.Thefacilitieswould needtobeplanned,designedandconstructedinaccordancewiththeSharedTechnicalandArchitecturalSpeci fications,Standards,andDesignGuidelinesand'MaintenanceandPerformanceStandards'providedinthisse ctionofRFPandashighlightedinablebelow.

Sl.No.	DescriptionofParameters	ApplicableStandards	Remarks
1	Development Controls andregulations	IndianRoadCongress(IRC),NationalHighwayAuthorityofIndia(NHAI)regulationsandNationalBuildingCode(NBC)guidelines.	Anyotherapplicableregulations/stipulations,ofanyotherstatutoryauthoritiesapplicable inGS CDCLjurisdictions.
2	Spatialplanningandarchitectural design guidelines	Urban&Regional Development Plans Formulation and Implementationguidelines(URDPFI)andTimeSaverStandards. ***Specifications,guidelinesstipulatedinthissectionofRFP***	Anyotherapplicableregulations/stipulations,ofanyotherstatutoryauthorities.
3	Alternative/nonconventional materials/technologies,sustainablebuildings,energy conservation,etc.	EnvironmentalBuildingGuidelines'ofMCBandIndianGreenBuildingCouncil(IGBC)	Anyotherapplicableregulations/stipulationsofanyotherstatutoryauthorities.
4	AllPavementsandSignage	IndianRoadCongress(IRC)and MinistryofRoadTransportandHighways(MORTH)specifications.	Anyotherapplicableregulations/stipulations,ofanyotherstatutoryauthorities.
5	Project construction including structures, utilities, infrastructurefacilities,etc.	NationalBuildingCouncil(NBC)regulationsandasperBureauofIndianStandards(BIS).	Anyotherapplicableregulations/stipulations,ofanyotherstatutoryauthorities.
6	PerformanceStandards	ISO9001:2008	Anyotherapplicableregulations/stipulations,ofanyotherstatutoryauthorities.

Section3.0
ScopeofWork

SECTION3.0:SCOPEOFWORK

Thescopeofworkincludesbutnotlimitedto:

(a) Build,finance,construct,operate,maintainandmanagetheSmartParkingincludingancillary/supporti nfrastructureaspertechnicalspecificationsprovidedinthedocument.

(b) MeettherequirementslaiddownbytheGSCDCL.

(c) Additionally there could be additional parking slots that are identified by the authority (other than the parking slots set out in this RFP) which could be provided by the authority to the Concessionaire at same Terms and Condition including similar Concession Fee as for the indicative parking slots set out in Annexure-19 of this RFP as quoted by the Concessionaire. Notwithstanding the above, the Authority reserves the right to float separate Bid for such additional parking slots and that Concessionaire agrees that it shall claim no rights as regard such additional parking slots. The Concessionaire agrees that the decision of the GSCDCL shall be final and binding in this regard.

3.1 **KeyComponentofSmartParking**

ParkingManagementsSystem
CarParkcreation:(On/OffStreet)

      a) MobileappinterfaceforCarParkContractortosubmitCarParkdetails.

      b) WebInterfaceforCarParkcontractortodefineCarParkOperationalparameters&usermanag ement.

      c) Dashboardtoreviewperformanceonaminutetominutebasis.

      d) EmployeeNotifications

      e) CitizensNotifications(selectiveorenmasseforallcitizenswhohaveparkedinaselected carparkofthecontractor).

OnstreetParking:

      a) Singlespacedetectionsystem

      b) Paymentdevice

      c) VMS(VariableMessageSigns)forguidance,notifications&advertising.

      d) MobileappforCitizens

      e) MobileAppforSupervisorsandEnforcementteams.Off

StreetParking(Open&Coveredparkinglots)

      a) EntryStations–AutomatedDigital&Manualticketingsystem

      b) Exitparkingsystems-AutomatedDigital&Manualpaymentcollectionsystem

      c) VMS(VariableMessageSigns)forguidance,notifications&advertising.

      d) MobileappforCitizens

AvailableParkinglocationgeoidentificationthroughmapinterfaceinmobileApp,Reservationofchosen CarParkthroughmobileAPP

a) DigitalandCashPaymentwithZerotoleranceforrevenueleakages.

b) NavigationtochosenCarParkusingmapinterface

c) Integrationwithcitycommandandcontrolsystem

d) Datamanagement,analyticsandBusinessIntelligenceonrealtimebasis

e) Monitoringofrealtimetransactions,parkingavailability,prebooking,seasonparkingandparkin genforcement

f) ManagementofEquipmentstatusandalarmsonrealtimebasis

g) Dashboardsandreports

h) MonetizationthroughmultiplerevenuestreamsoverandaboveparkingfeecollectionMobil
eAppforSupervisorsandEnforcementteams.

- ParkingManagementsSystem
  - OnstreetParking:
    - Singlespacedetectionsystem
    - Paymentdevice
    - Parkingenforcementsystem
  - OffStreetParking(Open&Coveredparkinglots)
    - EntryStations-Automatedticketingsystem
    - Exitparkingsystems
    - Autopaystations/CentralPaystations
- ParkingGuidanceSystem
  - OnstreetParking-Variablemessengersigns
  - OffStreetParking(Open&Coveredparkinglots)-Facilityguidancesystems
- WebPortalandMobileappforconsumers
  - ParkingIdentification,Prebooking,paymentandnavigation
- Controlandcommandcenter
  - Integrationwithcitycommandandcontrolsystem
  - Datamanagement,analyticsandBusinessIntelligenceonrealtimebasis
  - Monitoringofrealtimetransactions,parkingavailability,prebooking,seasonparkin
gandparkingenforcement
  - ManagementofEquipmentstatusandalarmsonrealtimebasis
  - Dashboardsandreports

3.2 DEVELOPMENT,OPERATIONANDTECHNICALSPECIFICATIONSFun ctionalRequirement:SmartParking

i. ThesmartparkingsolutionshouldenableGSCDCLtoobtainrealtimesituationalawarenessaboutt
heoccupancyofparkinglot.

ii. ThesmartparkingsolutionshouldenableGSCDCLoranyotherappointedthirdpartytofacilitat
egenerationofparkingreceiptsandticketsbasedonoccupancyofparkinglots.

iii. Thesmartparkingsolutionshouldproviderealtimelocationbasedviewtocitizensaboutproximi
tyofparkinglotsandavailabilityofparkinglots

iv. Thesmartparkingsolutionshouldenabletheabovefunctionswithminimummanualintervention
.Thesmartparkingsolutionisenvisagedforbothclosedparkinglotsandopenparkinglots.

a) ClosedParkingSpaces-
SuchparkingspacesaremanagedbyGSCDCLthroughsubcontractedvendorsandtheparkinglo
tshaveboundarywallsandadefinedentryandexitpoints.

b) OpenParkingSpaces-
SuchlocationsaremanagedbyGSCDCLthroughsubcontractedvendorsanddonothaveabound
arywallanddefinedentryandexitpoints.Thesekindofparkingspaceshavespecifiednumberofsl
otsavailable,typicallyonanopengroundorroad.

c) MultilevelParkingSpaces-SuchlocationsaremanagedbyGSCDCLthroughsubcontractedvendorsanddohaveabounadarywallanddefinedseparateentryandexitpoints.Thesekindofparkingspaceshavespecifiedmultiplenumberofslotsavailable,typicallyonanopenorundergroundgroundorroad.

v. Thesmartparkingsolutionshouldenableaccountingandmappingofindividualparkingspotsandallsuchparkingspotsmusthaveone-to-onemappingwithparkingsensors.SmartparkingsensorscanbeconnectedviaRF(BluetoothLE/WiFi)3Gor4Gwirelessnetwork.ItisnotmandatorytoconnectallsensorsviaMPLSfibernetwork.

vi. Thesmartparkingsolutionshouldbeablecount thenumberofvehiclesenteringandexitinganyparkingstructure.

vii. Thesmartparkingsolutionmustgeo-referencealltheparkinglots.

viii. Thesmartparkingsolutionmayusevideocameraembeddedwith

sensorbasedsolutionstodeterminenumberofvehiclesenteringandexitingparkinglots.Thesmartparkingsolutionshoulddosoateachfloor,incaseofmultilevelparkingandcommunicatethedata.

ix. ThesmartparkingsolutionshouldreportoccupancyofparkinglotstoacentralsoftwareapplicationdeployedatthecommandcenterusingthenetworklaidoutasapartofthisBid.

x. Thetotalnumberofslotsandfreeslotsforparkingmustbedisplayedonadigitalsignboardneartheentranceoftheparkinglots.Thesmartparkingsolution'sintegrationwithotherelementswithintheBidscopemustfacilitatedisplayofparkinginformationatvariablemessagingdisplaysdeployedatkeypointsofinterestinthecity.

xi. Thesmartparkingsolutionneedstohaveparkingticketvendingmachineattheentrancewheretheticketcanbeissuedbythemachineonpressingthebuttonbytheuser/operator.Further,thesolutionwillhaveprovisionforahandhelddevicePOSthroughwhichparkingreceiptscanbegeneratedonpaymentoffeesthroughcardorcash.

xii. Thepaymentcollectioncanbedoneviacardaswellascash(manually)atthekiosk(LikeanATM)whereinʻPaid'parkingticketcanbeshown/giventothestaffattheexit.Parkingstaffshouldbeabletoscanttheticketandprovidetheprintedreceipt.

xiii. Thesmartparkingsolutionshouldfacilitaterealtimerevisionofparkingfeesandshouldenablerealtimecommunicationofrulestohandheldterminalandparkingkiosks.

xiv. Thesmartparkingsolutionshouldretainvideosofcarentering/exitingtheparkingzoneasperthesecurityparametersdefinedintheBid.

xv. Thesmartparkingsolutionshouldhaveamobileandawebdeliverychannelforcitizenstogetrealtimeparkingavailabilityandprebookparkinglotsusingonlinepaymentofparkingchargesfacilitatedthroughapaymentgateway.

xvi. Amobileapplication(subsectionofPMCumbrellaapplicationtobedevelopedasapartofthisBid)andwebbaseduserinterface(applicationtobemadeavailableacrossallleadingplatforms)shouldbeprovidedwiththefollowingfeatures:

a) Theapplicationshouldhavecitizenmoduleandofficermodule.

b) Throughthecitizenmodule,theusershouldbeabletolocatenearestparkinglotandalsopre-bookbasedonhisgeographicalcoordinates.Thesameinformationmustbemadeavailableonmapwithroutinginformation.

c) Thecitizenshouldbeabletoseealltheparkinglotswithexactavailablespaceinarealtimemode.

d) Whilelocatingnearestparkinglot,thelatestparkingslotavailabilityshouldbegiventotheuser.

e) TheapplicationshouldhaveacomplianceofficermodulewhereGSCDCLdesignated

inspector/operatorwillbeabletocheckcomplianceofslotoccupancyagainstthefeespaidbytheci tizen.

f) ThecitizensshouldbeabletogenerateMISreporttoviewoccupancyofparkinglotsoveradefinedti meperiod.

g) TheadministratorsshouldbeabletogenerateMISreporttoviewoccupancy,collectionandotherus agestatisticsoveradefinedtimeperiod.

3.3   **Technicalspecifications:SmartParkingSolution**

Thefollowingstandardsandspecificationneedtobefollowed:

i. EntryDevice

a) ShouldbeabletogenerateprintedreceiptsTicketsorTokensindesignatedformatonselectingthed urationofparking.ThisdeviceshallbeusedwhenSmartphonewithParkingappisnotavailablewith Citizen.Incaseof CitizenwithSmartphonewithParkingAppwhohasdineadvancebooking,theParkingAppshallsen setheEntrydeviceand:(1)triggeraPushnotificationwithParkingBaynumber,(2)shallopentheboo mbarrier.

b) ConformISO9001QualityAssuranceStandard

c) CE,FCC,IC,CNRTLUScertified

ii. ExitDevice

a) ReadstheTicket/Token/SmartphonewithParkingApppresence.

b) Confirmspaymentforparkingdurationispaid

c) OpensBoombarrier.

d) ConformISO9001QualityAssuranceStandard(Latest)

iii. Entry/ExitBarrier

a) TheBarrierunitmustconformtoISO9001QualityAssuranceStandard

b) CE,Ukr–Sepcrocertified

c) DegreeofProtection:IP34D

iv. Sensors

a) ConformISO9001QualityAssuranceStandard

b) ProtectionLevel:IP67

c) Shouldbeindustrialgradetobeartheweatherconditionsandweartearwhilebeingdeployedintoop en.

v. Displaydevices

a) Shoulddisplaydoublelinedynamicdisplaywith24*24matrix(12digits)withaminimumsizeof100 0mm*150mm

vi. ControlandCommandCentre

a) RealtimefeedtransmissiontoICCCformonitorandcontrol.Enforcementagencyshouldalways monitorOpen, CloseandMultilevelparking fromCommandCentre.ShoulddisplayMISreportanddisplaydoublelinedynamicdisplaywith24* 24matrix(12digits)withaminimumsizeof1000mm*150mm.

3.4 SMARTPARKINGDETAILEDFUNCTIONALITIES

i. TheAuthorizeshouldbewellversedtodesign,optimizeandimplementsmartparkingtechnology— detailedengineeringplansandapprovals.

ii. TheAuthorizeshouldimplementsinglespacedetectiononmarkedslotswithappropriateplacements.

iii. ImplementparkinglinewithPOSforevery11parkingslotsforonstreetparkingand17forCloseParkingl otwithtowtruckandenforcementappforcontrolandmonitoringofparkingviolations

iv. Parkingmanagementsystemwithautopaystation/centralpaystationforoff-streetparkingforquickertransactions

v. Variablemessagesatdesiredlocationsforguidance

vi. Parkingguidanceforfacility,floorandbayleveldependingonthetypeofparkinglot

vii. ParkingsystemshouldhaveuniqueidentificationsystemforUserwhichallowsspacedetectionandpar kingaccess.

viii. Smartparkingcomponentsincludeshardwareunitslikeentryandexitdevices,boombarriers,autopay station/central pay station, expressexits, handhelddevices(POS), dynamicdisplays,Vehicleoccupancysensors,sensorgatewaysandaggregators,communicationsbri dges(BluetoothLEtoWiFi).

ix. Shouldprovidesoftwareapplicationstoperformparkingrelatedfunctionsliketicketing,payment,repo rting,trackingandguidance,etc.

x. Allthehardwareandsoftwareunitsandfunctionalitiesshallbemonitoredfromcontrolandcommandc enter

xi. DevelopingSmartParkingMobileApplicationandportalforidentification,navigation,prebookingand payment

xii. Developingparkingenforcementappincludingidentificationofparkingviolations,overstaysandpay mentoffineswithappropriatenotifications

xiii. Capturingequipmentstatusonrealtimebasisoncommandcenter

xiv. Effectivemanagementofparkinglotsbywell-trainedteams(statutorycompliance,qualityaudits)

xv. Regularmaintenanceofequipment,stockingofrequiredsparesensuringminimumdowntown(24hrs. orless)

xvi. Providingdedicatedhelplineforparkingoperations

TheConcessionaireshallcarryoutthefollowingactivities:

3.5 Hardware,Software,andFacilities

i. Installandmaintain roadmarkings,signage,and dynamicdisplay boards(Variable MassagingSigns)todisplayparkinginformationandprovidecustomerinformation.

ii. Toprovideandinstallnecessarycompletehardwareandsoftwaresolutions,suchasbutnotlimitedto-boombarriers,autopaystation,handhelddevices(POS),porta-cabins,switches,sensorgateway,aggregator,communicationbridge,andguidancesystem,foronstre et,offstreetparkingsystem.

iii. ProvideParkingManagementandParkingGuidanceSystemtodirectdriverstoavailableparkingslotst hroughLEDsignageandalsothroughSmartParkingMobileApplication.

iv. ProvideandinstallnecessaryLEDsignagewhichalsoincludesvariablemassagessignboardforguidan cetopublicregardingavailabilityofparkingspacesandothernecessaryinformation.

v.   SetupandmaintenanceofCentralControlCentreincludingDataCentrewithappropriatehardwaran dsoftwareforviewing,analyzing,storingandretrievaloftheCCTVfeedandmonitoringandmanagingof SmartParking;

vi.   Install,operate andmaintainanIT system,including acontrolcenter,forparkingfeeandfinepayments,monitoring,andenforcement.Procuresoftwareand hardwarefortheprocessingofcustomerpaymentsviacreditcard,netbanking,mobile-basedbankingsystems,andothermedia,theimpetusisoncashlesspaymentsysteminallthe24parkin gsites.

vii.   SmartParkingMobileApplicationforparkingservices:Appshallshowtheavailableslotonrealtimebasi s,bookingofparkingspace,paymentmechanismthroughvariousmodesofpayment,reservationforsp ecially-abledcitizens,facilityforextensionofpre-bookedparkingspace.

viii.   Comprehensiveoperationandmaintenanceofallhardwareandsoftwareinstalledforthisprojectthrou ghoutAuthorizeperiod.

ix.   Procurehardwareandsoftwaretoaidintheplanningandmonitoringofenforcementactivities.

x.   Toprovideandinstallthermalcumoptical/IRsensors(MultiLevelandClosedparking)ateachofthepar kingslotforcarsforallsurfaceparkinglots.Allparkingslotsshouldbeindividuallyandclearlymarked, mappedwithparkingsensors,andappropriatecameracoverage.Allsensors,devicesandequipmentsh ouldhavethecapabilitytocommunicatebackandforthwiththecentralcontrolcenterforinformationa ndfeedbackthroughaRF/Wi-Fi/GPSanycombinationofthemenabledsystem

xi.   ProcureandoperatedevicestoimmobilizevehiclesparkinginPaidParkingAreaswithoutpayingapplica bleParkingFeesorinNo-ParkingAreasuntiltheUserclearsanypendingFeesandFines(forOnStreetParking).

xii.   Establishtherequiredfacilities,equipment,andvehicles(towtruck)fortheoperationsoftheParkingSy stem.

xiii.   Allequipmentused toestablish the systemmusthavebeenmanufacturednotearlierthansix (6)monthsbeforethedateofsigningoftheAuthorizationAgreementbetweenGSCDCLandtheConcessi onaire.TheequipmentshallnothavebeenputtocommercialuseanywherepriortotheCommencement ofOperations.

3.6   **SmartParkingOperations-Hardware,Software,andFacilities**

i.   TheConcessionairewilldevelopandmodify,fromtimetotime,adetailedoperatingplan("OperatingPla n")fortheParkingSystem.TheOperatingPlanwilldetailallaspectsofoperationsincludingbutnotlimite dtobranding,signage,geometricdesign(i.e.delineationoffreeparking,paidparkingandno-parkingareas),feecollection,enforcement,facilitymaintenance,andcustomerserviceprocedures.

ii.   TheConcessionaire also willpreparedetailedParking Management Plansforallon-street, off-streetandmulti-levelparkingsitesassignedtotheConcessionaire.TheOperatingPlanandParkingManagementPlans, andanymodificationstothem,mustbeapprovedbyGSCDCL.TheConcessionairewillincorporatesug gestionsfromGSCDCLontheOperatingPlanandParkingManagementPlansandoperatetheParkingS ysteminaccordancewiththeapprovedOperatingPlanandParkingManagementPlans.

iii.   Concessionaireshallberesponsibleforcompleteoperations andmaintenanceof alltheparkingspacesposttakeoverfromGSCDCL.

iv.   TheconcessionaireshallmanageandcollectrevenueaspertarifffixedbyGSCDCLforalltheparkinglots definedinthisRFP.

v.   Theconcessionaireshallprovideuniversal,barrierfreeaccessandreservevehicleslotsfordifferentlyab led.

vi. TheConcessionaireshalldeviceamechanismtoidentifyeachvehicleparkedwithinthelotatanygivenpointoftime.

vii. TheConcessionaireshallconstantlymonitortheadherencetoApplicableLawsincludingon-streetparkingregulations.

viii. ProvidetowtrucksofadequatecapacitytohandleparkingenforcementandtohelpGSCDCL/TrafficPoliceincollectingthepenaltiesasperGovernmentpolicy,applicablefromtimetotime.

ix. Atthebeginningoftheconcessionperiod,theConcessionaireshallberequiredtoestablishacommon,cloudbasedsystemwhichshallsynchronizealltheparkinglotsandprovidethecommonoperatingplatformfortheparkingsystem.Overaperiodoftime,GSCDCLshallestablishanintegratedcommand&controlcentre(CCC)“”),whichwillbeusedasacontrolpointfortheparkingplatform.

x. TheConcessionaireshallensurethatadequatetrainedpersonnelareavailabletomantheparkinglots,subjecttothecapabilitiesoftheautomatedsystem.

xi. TheConcessionaireshallnotcarryoutanyothercommercialactivitieswithintheparkinglotsunlessexplicitlyapprovedbyGSCDCL.

xii. TheConcessionaireshallensurethateachparkingslotisuniquelyidentifiable,andshallalsoindicate,preferablythroughanelectronicsignboard,thenumberofparkingslotsavailable,filledandvacantforsuchlot.

xiii. TheConcessionaireshallpayGSCDCLamonthlyconcessionfeetilltheexpiryoftheconcessionperiod.

xiv. TheConcessionaireshallfurnishtoGSCDCL,regularreportsindicatingtrendsofparking,occupancy,usageetc.asmaybeappendedthroughthesystem.

xv. The team shallberequired totake regular backupofthe applicationdata asper the frequencydefinedbyGSCDCL.SecurityandsafetyarrangementsforsafecustodyofthebackupdatashallalsobetheresponsibilityofAuthorize.

xvi. TheAuthorizeshallensurethattheteamhasappropriateskill-setsformanagingnetworking,hardwareandapplicationsoftwaretools.

xvii. Allpatches and updatestoany softwareandhardware devices shall be providedbytheBidderwithoutanyadditionalcoststhroughoutthetenureoftheAuthorizationAgreement.

USERACCOUNTS

TheConcessionairewillprovidetheoptionofUserAccountsforfrequentSystemusers.TheUserAccountswillhavethefollowingfeatures:

i. Abilitytoopenanaccountonline,throughasmartphoneapp,oratacustomerservicekiosk.

ii. Requireddatatoopenanaccountincludetheuser'sname,address,mobilenumber,andvehiclelicenseplatenumber(s).

iii. Abilitytorechargetheaccountusingcashlesspaymentsystem.

FEEPAYMENTSYSTEM

TheConcessionairewillcreateafeepaymentsystembywhichuserscanpayparkingfeesusingamobilephoneorsmartphoneapplication.Thepaymentsystemwill:

i. RegisterthebeginningandendofaParkingEventthroughasmartphoneapplication.

ii. SendanalertwhenthedurationoftheParkingEventisabouttoexceedtheuser'sbalance.

iii. Sendaresponse/confirmationmessageforalluseractions.

iv. HandletransactionsbyuserswithUserAccounts.

v.   Have the ability to differentiate charges based on:

   a)   Type of vehicle.

   b)   Duration of the Parking Event.

   c)   The Concessionaire will not carry out direct cash collection from Users.

3.7   CASHLESS PAYMENT SYSTEM

With a view to reduce cash handling and provide further options for payment GSCDCL is committed to deploy end-to-end smart parking management system in support of the cashless parking payment mechanism in all the parking sites i.e. on-street, off-street and in multi-level parking. It allows Users to pay to park their vehicle using a mobile phone (pay-by-phone mobile app), bank card and through a smart parking card instead of using physical currency in a parking.

Cashless parking provides a different way to pay for parking, especially if you don't have any change or you want to extend your parking session without having to return to your vehicle.

The system offers a wide range of benefits to customers, including choice of payment method, reminders that their parking session is due to end, and the flexibility to extend their parking session using their mobile phone, thereby eliminating the need to over-book initially. This would minimize collection costs and also provide the opportunity to develop the database and the potential to consider variation of parking rates.

The software processes cashless payment transactions. Transaction can either be initiated via attended or self-service POS or via the Internet or mobiles devices. The net-centric software takes care of processes such as transaction capturing, identification, authorization and forwarding of data to the target systems, including routing and switching, even across parking's.

The below mentioned is the major components for cashless parking, which GSCDCL will deploy on all the parking sites.

i.   Automatic Fare Collection (POS Terminals) - A reader modules will be integrated in entry and exit barriers of parking that enable payment through bank card (credit and debit card).

ii.   Pay-By-Phone (Mobile App) - Cashless parking is a quick and secure way to pay for parking if you do not have to use the cash. A Pay-By-Phone mobile application will be developed, so that User will use their mobile phone instead of paying in cash and the payment is made using their registered credit or debit card by registering on Pay-By-Phone mobile application or even without registering on Pay-By-Phone app by using guest check-out directly by paying the parking charges.

iii.   Third Party Mobile Wallets, Smart Parking Card (An encrypted combo Bluetooth and RFID Card.

iv.   Vehicle Mounted Transponder (Electronic Tags)

v.   e-Parking Permits - To make full use of electronic and web services virtual e-Parking permits are the way forward. This has major benefits in reducing costs, administration and they are environmentally friendly. In practice the car registration plate becomes the permit ANPR (automatic number plate recognition) systems. Once the car registration plate is registered with application the vehicle can be parked within the rules at that parking location and the parking charges will be deducted from User e-wallet.

vi.   Contactless Payment Technology - A reader modules will be integrated in entry and exit barriers of parking that enable vending machine equipment and component manufacturers to integrate contactless technology.

3.8   ENTRY CONTROL SYSTEM FOR OFF-STREET LOTS

The Concessionaire will provide an entry controls system for off-street public parking areas that meets the following criteria:

i. Abilitytorecordthevehicle'slicenseplatenumberuponentryandexit.

ii. Real-timecommunicationwiththeITsystem.

iii. Abilitytonotifyenforcementpersonnelifavehiclehasoverstayedthepaidperiod.

iv. TheConcessionairemayestablishkiosksatoff-streetparkinglocationsandenablecashlesspaymentsystem.TheConcessionairewillrestrictdirectcashcollectionfromUsers.

v. AutomaticFareCollection(POSTerminals)-Areadermoduleswillbeintegratedinentryandexitbarriersofparkingthatenablepaymentthroughbankcard(creditanddebitcard).

THIRDPARTYINTEGRATION

i. TheConcessionaire shouldadequatepossibilityforintegration within existingonlinepaymentinstrumentslike bankpayment accounts andallow forthe integrationofUserAccounts withacommontransportpaymentsysteminthefuture.

ii. TheapplicationshouldprovideanAPImanualforthirdpartyapplicationstointegratewiththeparkingsystem.

A. Large:

Nameofparking	Areainsqft	Type
BusParking,Aamkho	4500	OffStreet
MaanSinghMahal,GwaliorFort	1800	OffStreet
Chaupaati,Phoolbagh	1200	OffStreet
ISBT,BusStand	1086	OffStreet
MorarGirlsCollege,RaamjaankiMandir.	1070	OffStreet
KalyaanMemorialHospital,Morar	820	OffStreet
Katoratal	800	OffStreet
InFrontofAlankarHotel	790	OffStreet
BehindRajeevPlaza	700	OffStreet
From BaradariChowk,GrovertoUtkrishtaschool	600	OffStreet

B.**Medium**

Nameofparking	Areainsqft	Type

GandhiPraniUdyan,PhoolBagh,NaveenGate	456	On-Street
Chamberof CommerceBoundaryWallParking	435	On-Street
Surya Narayan Mandir Parisar,Daulatganj	402	Off-Street
AshokTravels,Kampoo	400	On-Street
Scooter-MotorcycleStand, BirlanagarandalongNalla	390	On-Street
NearDistricthighcourt,NearShedandInside Barricades(GirirajMandir)	290	Off-Street
DarjiOliAgrasenComplex	288	On-Street
Rawaldas,PhoolBaghChauraha.	270	On-Street
InFrontofSanjayComplex,NearPNB	240	Off-Street
BoundaryinfrontofDistrictcourtandBehind GirirajMandirParking	210	On-Street

C. **Small**

Nameofparking	Type	Areain sq.ft.
Mini Stadium, Near Chattri BazaarMaidanGate	On-Street	150
Scooter-MotorcycleStand,SubjiMandiMurar	On-Street	70
NayaBazaar,Multi-LevelParking	Off-Street	0
SalasarMall,Multi-LevelParking(BlockAandB)	Off-Street	0
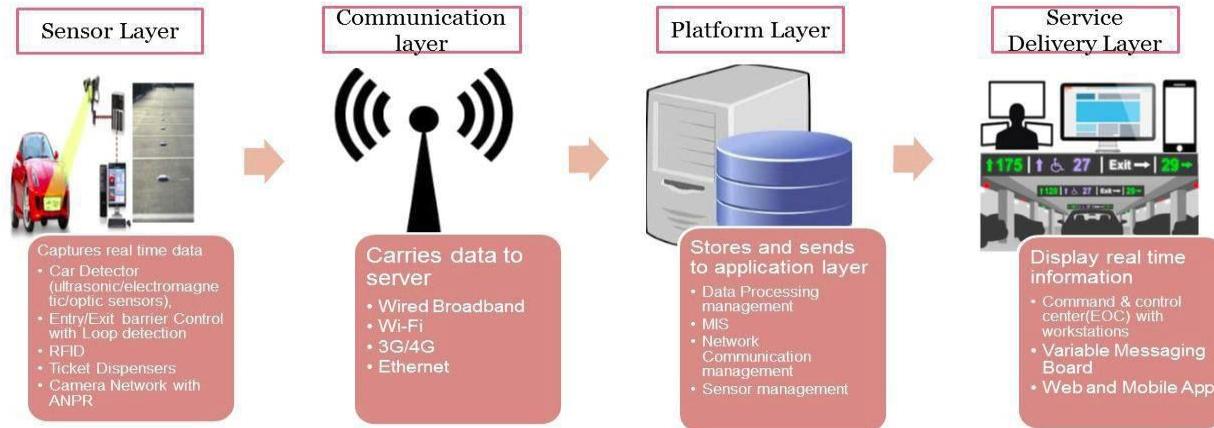
SensorLayer: Alledgedevicesincludingticketdispensersarepartofthislayer. Itisthelayer thatdirectlyininterfaceswiththeend-user.Itisinthislayerthatphysicalcountingofvehiclesthroughtouchpointswouldhappen.Thesensorsusedserve asthebackbonefortheentireParkingManagementSystem.

Smartparkingsystemscanbeimplementedusingvarietyoftechnicalsolutionsandsomeofthecommonlyusedt e c h n i q u e s areasfollowing:

a. Vehicledetectionatentryandexitbyuseofinductiveloopsandparkingslotdetectionviaphotosens ors/motorizedparkinglocks.

b. Vehicledetectionatentryandexitbycamerabaseddetectionandparkingslotd e t e c t i o n v i a u l t r a s o n i c /infrared/magneticsensors.

c. Vehicledetection atentryandexitbyuse ofBluetoothLEgeolocationtagsorRFIDtagsandparkingslotdetectionviaultrasonic/infrared/magneti csensors

d. Acombinationofanyoftheaforementioned

CommunicationLayer: Alltheedgedevices,datacenterdevicesandservicedeliverydeviceswouldinteractwitheac hotherthroughthislayer.

SmartParkingPlatform: Allthemanagementserversanddataprocessingserversarepartofthislayer.Theentirelo gic ofthesmartparkingsolutionshallresideonthis layer.TheParkingCommandCentreortheParkingManagementSystemisapowerfultoolwhichinteractswithallth esensorsdeployedfortheSmartParkingproject.Thesystemcollatesdatafromthesensorsandthemobileappanddi rectsthecitizenstothenearestavailableparkingslots.

ServiceDeliveryLayer: Theend-usershallbeabletobookparkingspacesthroughweb-basedportalaswellasthrough amobileapp. Themobileappwillallowcitizenstocheckavailabilityofp arkingslotsontheirsmartphonesbeforesettingout.Thedr ivergetsfulldetailsoftheparkingoptionsavailableincludingprices,outofhour'stimesandrestrictionsifany.

ComponentName	Description
CarWheelLock	EnforcementDeviceforuserswhohaven'tpaidthe duesorparkedinnon-designatedArea
PaymentKiosk	ADo-It-Yourselfmachinewhichenablesuserstopayforparkingusagebythemselv es throughcashor cardasper theirconvenience
ParkingManagement	ToGuidethevehicleownerabouttheparking

andGuidance Solution	slotsavailabilityetc.
Controller	HighPerformanceTCP/IPintelligentvehiclecountingsystemControll erwithdisplaytoindicateavailableparkingslots&otheraccessories,Ca pableofconnecting withmultipledisplays,loopsensorsormagnetometersensors,Encl osedinTamperproofhousing.
BluetoothBeacon	ATagwhichtransmitsitslocationactivelythroughaBluetoothLowenerg ycommunicationsmedium.Ithasaninbuiltbatterylifeoftypically3toam aximumof9yearsofoperationsbasistheoperationaldistancefromasmar tphone(1cmto50Mtrs). TheTagisplacedatEntryandExitpointsofaCarParkandisdetectedby theSmartParkingapplicationtogenerateSOPdrivenactionsofvariou sparkingoperationalequipmentincludingautomatedboombarriero perationsandpaymentcollection. TheTagsalsoprovidegeo- locationinformationatthemicroleveltoenhanceparkinglocationguida nceaccuratelywithouttheneedforSatellitelineofsightincoveredandu ndergroundparkingspaces.
MagnetometerSensor	Anactivemagneticfieldsensor(withaminimum8yearsofinbuiltbatter ylife)installedtocapturecountofvehiclescrossingoveradesignatedlin e/areaorvehicleoccupancyinacarbay(slot).ItcommunicatesviaBluet oothLowEnergysignalstoanintegratedBluetoothGateway,aggregator andcommunicationsbridge.
ParkingSensor Gateway	AsensorgatewayisaRx/Txradiodevicewhichcommunicateswithparkin gsensorsviaBluetoothLEsignals(occupancyvalidation),aggregatessign alsfrommultiplesensorsandthenconvertsthedatatoastandardWiFisig nalwhichsilltransferoccupancydetailsoftheindividualcarbaystothePa rkingManagementSystem.Allthreecomponents(Gateway,aggregatora ndcommunicationsbridge)arebuiltintoasingleunitandoperatesonstan dard240VAC.
MotorizedParking Lock	Alonglifebatteryoperated,compactphysicalbarrierinstalledattheentry pointofaCarparkingbayandconnectedwirelesslyRF(BluetoothLEorWi Fi)toanintegratedaggregator,gateway&communicationsbridge.
InductiveLoop Detector	PhysicalLoopsinstalledtocapture thecountofvehiclescrossingoveradesignatedline/area
ParkingSensor	Sensors installedin ParkingAreasassisting usersinParkingtheirvehiclessafelyandonlyindesignatedAreawithoutenc roachinguponotherparkinglots
VariableMessaging	TobeinstalledoutsideParkingLotinvisiblePublicAreas displaying

	RealTime AvailabilityinoneormoreParkingLots
CCTVCamera	Useof CameraandrelevantVideoSoftware tocapturedesignatedareaofParking virtually
HandheldTicket Dispenser	Ahand-helddevicetodispensetickettoincoming usersalong-withothernecessarydetails.
AutomaticTicket Dispenser	ADo-It-Yourselfmachinewhichenablesuserstprintticketthemselvesaspertheirconve nience
Entry/Exitbarrierwit hloopdetectionforpar kingandvehicleaccess remotecontrol	GenerallyInstalledatEntry/Exitbarriers,theseareunmannedstationwhich allowsentry/exitbasedupontheinformationloggedinscannerinstallednear by
SmartCard&Reader	TheSmartCardareCardthatcanbeloadedandreloadedwithmoney. Itincludesanembeddedintegratedcircuitchipthatcanbeeitheramicroc ontrollerwithinternalmemorychipalone. Thecardconnectstoareaderwithdirectphysicalcontact(i.e.acontactsmartcard) orthrougharemotecontract-lesselectromagneticinterface(i.e.contract-lesssmartcard)
ParkingManagement andGuidanceSolutio n	Toguidethevehicleownerabouttheparkingslotsavailabilityetc.
Ticketvalidator	Toallowuserstovalidatetheir Passive:paper ticketswith QRcode/barcode/NFC/RFIDorActive:Bluetoothsigna lgeneratedfrommobileappandgainaccesstothe exitboombarrierfor anhassle freeexit
MobileApp	Toprovideuserswithinformationliketheavailabilityofparkingspace,nearmostPa rkingLotAvailableoranyrelevantinformationpertainingtoparkingmanagement.
EmergencyCallBox	It'sanelectronicdevicethatisusedtoalertandcallsomeoneinemergencysituatio n
WirelessGateway /RootAP	Itisrequiredfordedicatedconnectivityacrossallparkinglots.

3.9 **DevelopmentControls**

(a) Thesubject locationswith theRight ofWay(RoW)asmentionedaboveare located invariouszonesofGSCDCL.

(b) AlltheApplicableDevelopmentControlsandRegulationsfordevelopmentofSmartParkingSystemsinthe proposedlocationsshallbeasperthesharedspecifications.

(c) The selected Concessionaire shall ensure that the Project design and development is

compliantwith 'National Highway Authority of India (NHAI) and Indian Road Congress(IRC) regulations. The project components of Smart Parking including access to project facilities like pavements; signage, etc. shall be as per MORTH (Ministry of Roads, Transport and Highways) specifications. The Smart Parking Systems with structure like information and display panels, etc., shall adhere to the standards/regulations of Indian Road Congress (IRC), National Building Construction Code (NBCC) and BIS. Overall, the performance of the project facilities shall comply/satisfy as per ISO 9001:2008 standards.

(d) TheselectedConcessionaireshallalsoconfirmtoanyotherapplicablestipulationsandguidelinesissuedb yanyotherstatutoryauthorities.TheConcessionaireshallconsideremployingsolarenergytomeetpartofthep owerrequirementsoftheprojectfacilitieslikelightingintheequipmentsandmessagingboards,etc.

3.10 SystemSpecifications

3.10.1 OperatingManual

TheConcessionairewilldevelopanOperatingManualfortheSystemindicatingthefollowing

- ParkingDesign
- Proceduresfordeterminingparkingandno-parkingareas.
- Customerinformation
- Systemlogo,slogan,andotherbrandingelementsbasedonSmartCityGwalior.
- Guidelinesfortheplacementofstaticanddynamicsignages.
- Signagedesign,includingspecificationsforlayout,colourandtypeface.
- Specificationsforpavementandcurbmarkings,includinglayout,colour,andtypeface.
- Feecollectionprocedures(cashlesspaymentsystem).
- Enforcementprocedures(PhysicalandTechnologyenabled).
- Maintenanceproceduresforon-streetelementsandotherequipment.
- ITsystemandcommunicationprotocols.
- Datasecurity.

3.10.2 ParkingManagementPlans

TheConcessionairewillpreparedetailedParkingManagementPlansforallon-street,off-streetandinmulti-levelparkingsitesassignedtotheConcessionaire.Forallon-street,off-streetandinmulti-levelparkingsites,theParkingManagementPlanwillincorporatethefollowing:

(a) CleardesignationofParkingFacilitiesandNo-ParkingAreas.

(b) Thelayoutandorientationofparkingslots,includingthetypeofvehiclepermitted.

(c) ApplicableParkingFee.

(d) Thelocationandtypeofstaticanddynamicsignagetobeinstalled.

(e) Externalfactorssuchastrafficvolumesadjacentroadsandwidthofroadsalsoneedtobeconsideredfortofac ilitatetheaccesstothefacilitybythevehicles.

(f) Solarpoweredparkingfacilitiesshallbeencouraged.

(g) Havesufficientsitedistancesforinternalcirculationduringparkingandun-parking.

(h) Haveefficientparkingfeecollectionmechanismatentryorexitorboth.

(i) DrivewayrequirementsshouldbecarefullydesignedbasedonalternativeparkingDrivewayrequirementss houldbecarefullydesignedbasedonalternativeparkinglayouttoefficientlyutilisetheavailablespace.

(j) Alltheparkingfacilitiesshouldalsofacilitatetheconvenientparkingfordifferentlyabled.

(k) Inallthebasementandmulti-levelparkingfacilities,aspecialconsiderationneedtobegivenforsafetyofusers/stafforanyoneinsidethefacilit

yasthoseplacesaresusceptibletocrime.Inallthesefacilitiesthevideosurveillanceismandatory.

(l) Inallon-streetparkingfacilities,storagespaceshouldbeleftatallsidesoftrafficintersection.

(m) Provisionforreservedbicycleparkingshallbemademandatoryinallthepublicandprivateoff-streetparkingfacilitiesincludingshoppingcomplexes,cinemahalls,offices,etc.

(n) Thepark-and-ridefacilitiesattransitstationsshouldbelocatedanddesignedinsuch awaythatittheentryandexitofvehiclesshouldnotconflictwiththemovementofpedestrians.

(o) Theslopeforaccessrampsinanyparkingfacilityshouldnotbesteeperthan1:50.

3.10.3 RoadMarkingsandSignage

TheConcessionairewillprovideandmaintainclearstaticroadmarkingsandsignageateachon-street,off-streetandinmulti-levelparkingwiththefollowinginformation:

(a) HaveMarkingsforparkingbaysanddriveways.Themarkingshouldclearlyindicatethedirectionstothespacesforeachvehicletype,eachparkingbay,driveway,directionstotheexit,etc.

(b) Sufficientbaysizetofacilitatethelength,width,headroomandopeningofdoorsbasedonthecorresponding vehicletype.

(c) HaveInformationboardsspecifyingthefacilityname,parkingcapacity,pricing,timerestrictions,andvehicletypesallowed,etc.

(d) Alltheoff-streetparkingfacilitiesshallbeprovidedwiththebasicamenitieslikelightinginsidethefacilitytoeasetheconveniencefortheuser.

(e) Satisfythedrivewayrequirementsinthedesignandimplementationasperparkingstandards.

(f) AlltheparkingsignsshouldbeconsistentasperIRC:67–2012“CodeofPracticeforRoadSigns”.

(g) Whereparkingisallowedandnotallowed

(h) Whattypeofvehiclemaypark.

(i) Permittedparkingarrangements(e.g.perpendicularvs.parallel).

(j) Applicableparkingfees.

(k) Anidentificationnumber(usedwhenpayingparkingfees).

(l) Specifictimeslots,ifthezoneisnotanall-dayparkingslot.

(m) InthecaseofBlockFaces,roadmarkingswillbedisplayedcontinuouslyforthelengthoftheBlockFaceandsignagewillbeinstalledatanintervalofatleast20m.AtleastonesignshouldbevisiblefromeachParkingSlotalong aBlockFace.

3.10.4 ThirdPartyIntegration

(a) TheConcessionaireshouldadequatepossibilityforintegrationwithinexistingonlinepaymentinstrumentslikebankpaymentaccountsandallowfortheintegrationofUserAccountswithacommontransportpaymentssysteminthefuture.

(b) TheapplicationshouldprovideanAPImanualforthirdpartyapplicationstointegratewiththeparkingsystem.

3.10.5 EnforcementSystem

TheConcessionairewilloperateenforcementactivitiesasfollows:

(a) ConductperiodrandomchecksofasampleofvehiclesinallPaidParkingLots.

Faces to determine the vehicles are paid or unpaid. The checks should be carried out at least every 40 minutes and will rely on verification of the vehicle license plate number. The system will create a record for every vehicle observed with details such as the time of observation and license plate number.

(b) Install vehicle detection sensors for all onstreet, offstreet and in multi-level parkings to track and monitor the arrival and departure of every vehicle that parks in a designated ParkingSlot and send real-time information to the enforcement system on such ParkingEvents.

(c) The Concessionaire will procure and operate tow truck and immobilisation devices for cars, two wheelers, autorickshaws, and other common vehicle types found in the Concessionaire's Zones.

(d) If a vehicle in a non-street, off-street and in multi-level parking is found to be unpaid, the System will immediately record the violation in the IT system and place a fine on the vehicle record. The Concessionaire will take photos to document the location and license plate of the vehicle. The Concessionaire will immobilise the vehicle and the System will alert the vehicle user by text message or through a smartphone application. Recording of the violation and immobilisation will occur after a grace period after the time of observation specified by GSCDCL. If the vehicle user pays the Parking Fee before the end of the grace period, the System will not record a violation. Identification of an unpaid vehicle starts a ParkingEvent.

(e) The immobilisation device will be removed after the fine has been cleared or control of the vehicle has been transferred to a concerned authority. Removal of the immobilisation device ends the ParkingEvent.

(f) The system must record and archive images of all parking violations.

(g) The Concessionaire shall deploy TowTruck (as per requirement subject to a minimum of three numbers) for towing of illegally parked vehicles, in the area defined in this RFP and shall be accompanied by Traffic police personnel. The Concessionaire will tow vehicles parked in an unauthorised manner to the nearby parking space which is less utilised or at space designated for this purpose by the GSCDCL/TrafficPolice. Traffic Police will charge penalty as well as towing charges from the owner of the vehicle. The towing charges for each vehicle will be handed over to the Concessionaire. Initially the numbers of Towtrucks required will be more.

(h) If the unauthorised parked vehicle is not in a position to be towed away, the Concessionaire will arrange to put jammers/immobilise in the wheels of the vehicle, so that Traffic Police personnel are able to fine the vehicle. Necessary information regarding towed vehicles will be updated on the Smart Parking App and web portal immediately. Additionally, information regarding details of towed vehicles shall be available to users through a dedicated helpline number. The dedicated helpline will be operated by the Concessionaire.

(i) The Concessionaire shall take necessary precautions while towing of vehicle with regard to safety of the vehicle. Any damage caused to vehicle during towing will be the liability of Concessionaire.

3.11   TechnologySpecificationsandStandards

3.11.1   Preamble

The Technical Specifications contained herein shall be read in conjunction with the other Bidding Documents as specified.

In addition to the Development and Operational Controls covered in the previous Part, the Specifications and Standards as defined in the Concession Agreement cover the Technical Specifications and Guidelines for various components of SmartParking.

The following specifications and standards cover only some of the minimum requirements for the development of project facilities. The Concessionaire shall construct, operate, maintain and manage the proposed project facilities strictly confirming to the relevant Indian standards, Bureau of Indian Standards (BIS), the best industry practices, and internationally acceptable norms for street furniture. Whether the requirements are explicitly stated or not in the RFP documents, the Service Providers must note that GSCDCL envisages a world-class facility in all respects and expects international quality and standards from the selected Concessionaire, as the binding contractual obligation.

Note:GeneralFeatures

1. SmartParkingSystemshallconsiderfollowingtypeofpassengervehiclesandappropriatesensingmechanismattheparkingslot;

    a. ¾Wheeler-
       MagnotometerSensor(withmotorizedparkinglocksinoffstreetcoveredparkinglots

    b. 2Wheeler-Motorisedwheelchockwithelectromechanical/IRsensors

2. ThreebasictypeofdatashallbecollectedbyConcessionairefromthesystem;

    a. Thevehicleregistrationnumberofthevehicleparked;

    b. Dateandtimeofthevehiclewhileenteringandexitingparkingslots.

    c. Thesystemshallbedesignatedtospecifytheparkingslotswhereaparkershallpark(foroffstreet parking/onstreetparking).

    d. ThesystemshallbedesignedtocatertoQuickreactiontollsecurityintelligencebythesecurityagency.

ThispartofthevolumecoverstheTechnologySpecifications:

1. ITsystemandControlCentre

2. Website

3. Smartphoneapplication

4. Customerinformationandmarketing

3.11.2 **ITSystemandControlCentre**

TheConcessionaire willoperatea ControlCentre withthe capabilitytoproviderereal timedatafeed tocontrolandcommandcenter.Summaryreportsandreal-timeinformationtoGSCDCLincludingbutnotlimitedtothefollowing:

- Numberofvehiclesparkedoneachparking
- DetailsforeachParkingEvent:
- Vehiclelicenseplatenumber
- Vehicletype
- UserID
- Starttime
- Endtime
- Location
- ApplicableFees
- Paymentstatus
- ApplicableFines
- Detailsonenforcementfortheactivitiesofallenforcementstaff:
- Assigneditinerary
- Actualpathtaken

- Detailsofvehicleschecked

- Detailsofvehiclesimmobilised

TheControlCentrewillserveasasinglepointofcontactforGSCDCLtocommunicatewiththeConcessionaireas andwhenneeded.

3.11.3 **Website**

TheConcessionairewillcreateawebsitewiththefollowingfunctionality:

(a) Displaysreal-timeoccupancyatallon-street,off-streetandinmulti-levelparkinglocationscoveredundertheSystem.

(b) DisplayscurrentinformationonparkingfeelevelsonallstreetscoveredundertheSystem.

(c) Displaysamapofeachparkinglocation.

(d) Providesauseraccountsectionwiththeabilitytocreateauseraccount,modifytheuserprofile,rechargethe user'sprepaidaccount,orpayfines.

(e) AvailableinEnglish.

(f) Displaysreal-timefinesissuedandcollected.

3.11.4 **SmartphoneApplication**

TheConcessionairewillcreatesmartphoneapplicationsforthetopthreesmartphoneoperatingsystemsusedb ythemembershipbase(ascalculatedthroughmembershipsurveys)withthefollowingfunctionality:

(a) Displaysreal-timeoccupancyatallon-street,off-streetandinmulti-levelparkinglocationscoveredundertheSystemandspecificparkingareasneartheuser'slocation.

(b) DisplayscurrentinformationonparkingfeelevelsonallstreetscoveredundertheSystem.

(c) Providesauseraccountsectionwiththeabilitytocreateauseraccount,modifytheuserprofile,rechargethe user'sprepaidaccount,orpayfines.

(d) AvailableinEnglish.

(e) Displaysreal-timefinesissuedandcollected.

(f) Responsiveinterfacetofacilitateuseonawiderangeofdeviceswithdifferentsizes.

3.11.5 **CustomerInformationandMarketing**

TheoperatorwillberequiredtomarkettheSystemwitha   focusonencouraging properparkinginthecity.Theoperatorisencouragedtousetraditionalmarketingtechniquesaswellasmodern marketingusingwebtechnologyandITsystems.Themarketingcampaignmustcomprisebutisnotlimitedtoth efollowing:

- InformationontheSystemwebsite:

- Howtousetheparkingsystem,includinguseraccounts,parkingcoupons,feepayment,andfinepayment.

- Aregularlyupdatedblogwithnewsaboutfeestructures,changesinparkingrules,

- Facebookpagewithregularupdatesaboutthesystem,usertips,photos,andotherinformation.

- Twitterfeedwithregularupdates.

- RegularpressinteractionstodisseminateinformationonSystemfeaturesandbenefits.

- LaunchphaseforthreemonthsstartingontheCommencementDateincluding:

• Marketingeventsandtemporarycustomerservicekiosksatpopularon-streetparkinglocations.

- MembershipdrivetoencouragepeopletosetupUserAccounts.

- Outreachtobusinessassociations,residentwelfareassociations,andotherlocalstakeholders.

- Advertisementsontheradioandprintmedia.

3.11.6 **Tow Truck**

(a) TheBiddershallusebrandnewtruckchassiswithpowersteering.ThetruckmustmeetemissioncontrolnormsasspecifiedbyRTO.

(b) Thetruckshallhavefollowingfacilitiesinadditiontothetowingassembly

(c) Automated/ManuallLiftingsystemwithchainpulleymountedonanMSframeworkforlifting2wheelers

(d) CCTVsystemwith1 no cameranearthetowingpointand 1Nocameraat thetopof the drivercabinconnectedtoDVRandcolourmonitormountedinthedriverscabinwith30daysstorage

(e) PAsystemwithamicrophoneandamplifierandhornspeakermountedexternally

(f) TowtruckshouldbeGPSenabledandcanbemonitoredlivefromcentralandcommandcentre.(g)Seatingforhelperswithstoragefortoolsandtackles.

(h) Truckshallbemountedwithbeaconandmulti-tonedsiren.

(i) Powersystemwithbatterybackupto meetthepowerrequirementof allthedevicesand equipmentasperspecifications.

(j) Truckshallbeaestheticallydesignedandmustincorporateappropriatebrandingwithapprovals.(k)Towassemblyspecifications:

I. Aslideinfittedtotowtruckmustbeadequatelymountedandtheloadappliedtotheslidermustnotbemorethan thesafeworkingloadspecifiedfortheslideinunitbyitsmanufactureror,ifnosafeworkingloadfortheunithasbeenspecifiedbyitsmanufacturer,thesafeworkingloadforthecertifiedbyanengineer.

II. AtowtruckmustbemaintainedasrequiredundertheTransportRegulation.

III. Atowtruckmustbeequippedwithsufficientmeansforsupportingaloadinitsraisedpositionwhileundertowandbefittedwithdualwheelsontherearaxle

IV. Toensuresomeofthemassofatowedmotorwillbetakenonatleast2safetyconesona

singleaxleofthetowedmotorvehiclebeforethetowtruckisputinmotion,befittedwithspacebarsdesignedtominimiseanydamagethat maybecausedtothe towedmotorvehicle.

3.11.7 **OffStreetParking(OpenAndCoveredParking)-EntryDevice**

Theentrydeviceisdesignedfortheautomaticissueof   Short-Term   Parker   (Visitors,   VIP, andHourlyParker)mediaandtheprocessingLong-TermParker(SeasonalParker)mediaattheentrancelaneofacarpark.

(a) Realtimeoperatingsystem(reducedriskofvirusinfection)

(b) Usageofrobustflashcardsasmemoryforoperatingsystem

(c) Internationalstandardandprovennetworktechnology(Ethernet)

(d) IndustrialembeddedPCfortheself-sufficientcontrolofthedevice

(e) StainlesssteelconstructionwithstructureeffectpaintingandIP65

(f) TemperatureRange-20°Cto+50°C

(g) AirHumidity0%–to95%

(h) Terminalisdesignedforindoorandoutdooruse

(i) TropicalizedPCB's(PCB'sareprotectedagainsthumidity)

(j) Freechoiceofhousingcolour(RAL)

(k) LEDfullgraphiccolourdisplay

(l) Back-outticketrecognition

(m) Anti-passrecognition

(n) Lowticketrecognition

(o) Entrydeviceabnormaleventsrecognition

(p) Dynamicticketdispensinglockifparkingisfull

(q) NFC/RFIDcompatible

(r) PresencecheckforShort-TermParkermediaandLong-TermParker(SeasonalParker)media

(s) Vehicleaccesscontrolintegrated byautogateforlegitimateuser.(t)Fullyconfigurabletext displayandadvertising

(u) Half-DuplexIntercomsub-station

(v) InterfacetoIntegrateCCTVCamera

(w) 10,000storedtransactions–offlineredundancy

(x) Inter-exchangeabilityofsparesbetweenunits

(y) LEDdisplaycanbeswitchedoffin"idlemode"=nopresentvehicle

(z) Basedonweekprofile,devicecanbesetinto"standby"modewithreducedenergyconsumption(automaticw ake-upifcarispresentonloop)

(aa)Barcode/QR-CodeScannerforprocessingofpre-bookingusers.

3.11.8   **OffStreetParking(OpenandCoveredParking)-ExitDevice**

TheexitdeviceisdesignedfortheautomaticexitvalidationofShort-TermParker(HourlyParker)andLong-TermParker(SeasonalParker)mediaattheexitlaneofacarpark.

(a)Realtimeoperatingsystem(reducedriskofvirusinfection)(b)Usageofrobustflashcardsasmemoryforopera tingsystem

(c) Internationalstandardandprovennetworktechnology(Ethernet)

(d) LEDfullgraphiccolourdisplay

(e) StainlesssteelconstructionwithstructureeffectpaintingandIP65(f)TemperatureRange-20°Cto +50°C

(g) AirHumidity0%–to95%

(h) Terminalisdesignedforindoorandoutdooruse

(j)TropicalizedPCB's(PCB'sareprotectedagainsthumidity)

(j) Freechoiceofhousingcolour(RAL)

(k) RFID(Contactless)Long-TermParker(SeasonalParker)media,fullyintegratedintoCarParkManagementSystem

(l) PresencecheckforShort-TermParkermediaandLong-TermParker(SeasonalParker)media

(m) IndustrialembeddedPCfortheself-sufficientcontrolofthedevice

(n) Half-DuplexIntercomsub-station

(o) InterfacetoIntegrateCCTVCamera

(p) 10,000storedtransactions–offlineredundancy

(q) HandlingofsubstituteparkingmediaforprocessingoflostShort-TermParkermedia

(r) LEDdisplaycanbeswitchedoffin"idlemode"=nopresentvehicle

(s) Basedonweeklyprofile,devicecanbesetinto"standby"modewithreducedenergyconsumption(automatic wake-upifcarispresentonloop)

3.11.9 **RFID/BluetoothLE/QRCodeTicket/TokenEntry/ExitDevice:(Long-TermParker/SeasonalParker)**

TheLong-TermParkerentry/exitdeviceisdesignedfortheautomaticprocessingofLong-TermParkermedialikeStaffs,Residents,employee,etc.,attheentryorexitlaneofacarpark.

(a) Realtimeoperatingsystem(reducedriskofvirusinfection)

(b) Usageofrobustflashcardsasmemoryforoperatingsystem

(c) StainlesssteelhousingandpillarwithIP65

(d) TemperatureRange-20°Cto+50°C

(e) AirHumidity0%–to95%

(f) Terminalisdesignedforindoorandoutdooruse

(g) TropicalizedPCB's(PCB'sareprotectedagainsthumidity)(h)Freechoiceofhousingcolor(RAL)

(i) RFID(Contactless)Long-TermParker(SeasonalParker)media,fullyintegratedintoCarParkManagementSystem

(j) PresencecheckforLong-TermParker(SeasonalParker)media

(k) Half-DuplexIntercomsub-station

(l) IndustrialembeddedPCfortheself-sufficientcontrolofthedevice

(m) 10,000storedtransactions–offlineredundancy

Note:VendorshallhavetoprovidespecificationsforRFID/BluetoothLE/QRCodeTicket

3.11.10 **AutoGate/Barrier**

Thebarrierisdesignedfortheautomaticaccesscontrolofvehicles,triggeredbyacontrolterminal(e.g.entry device,exitdevice,orExpressexit).

(a)TemperatureRange-20°Cto+50°C(b)AirHumidity0%–to95%

(c) Terminalisdesignedforindoorandoutdooruse

(d) TropicalizedPCB's(PCB'sisprotectedagainsthumidity)(e)Freechoiceofhousingcolour(RAL)

(f) Maintenance-freebarrierdrive

(g) Useableasright-handandleft-handdrive,easilychangeableon-site

(h) Fastopeningandclosingtimeswithin1.5sec

(i) Barrierarmisequippedwitharubberedgeonthebottomtopreventdamage

(j) Nopartsneeded(screwetc.)forreplacementofrun-offbarrierarm

3.11.11 **AutomaticPayStation(Cash/CreditCard/DebitCard/MobileWallet)**

Theautomaticpay stationshouldbe designed for theautomaticprocessingof all paymenttransactionsofShort-TermParkermediaandLong-TermParker(SeasonalParker)media.

(a) Realtimeoperatingsystem(reducedriskofvirusinfection)

(b) Usageofrobustflashcardsasmemoryforoperatingsystem

(c) Internationalstandardandprovennetworktechnology(Ethernet)

(d) LEDfullgraphiccolourtouchscreendisplay

(e) Stainlesssteelconstructionwithstructureeffectpainting

(f) TemperatureRange-20°Cto+50°C(g)AirHumidity0%–to95%

(h) Terminalisdesignedforoutdooruse

(i) TropicalizedPCB's

(j) Freechoiceofhousingcolour(RAL)

(k) Customisedinscriptiononfrontplate(e.g."PAYPARKINGHERE")(l)   IlluminatedTop

(m) IlluminatedTopwithcustomisedinscription(e.g."PAYPARKINGHERE")

(n) Illuminateduserguidanceofallentryslotsanddispensingslots

(o) Escrowfunction

(p) Multi-rodsecuritycabinetlockingfacilitieswithnine(9)lockingpointsatthedoor

(q) Protective4-Lock-Systemwithhighlevelsecurityandquality,highlevelkeycopyprotection,highestlevelofdrillingandcorepullingprotectionandhighestmanipulationprotection

(r) Processingoflocalbanknotes

(s) Dispensingoflocalbanknotes(uptothree(3)types)(t)Receiptprinter

(u) Deactivationofthecustomerdisplayafterapre-setswitch-offtimefollowinglastpayment

(v) Unitcan besetinto "standby" modewithreducedenergyconsumption,basedon a freelydefinabletimeprofile

(w) Remoteormanualwake-upcommand(wake-upbymotiondetectionviaradar)

(x) PaymentofShort-TermParker(HourlyParker)media

(y) RFID(Contactless) Short-TermParker(HourlyParker)mediaprocessingandcalculationoftariffin <1.9sec.

(z) PaymentofoverstayfeesforLong-TermParker(SeasonalParker)media

(aa)ExtensionofvalidityofLong-TermParker(SeasonalParker)mediawithpre-

paymentcontract(bb)RFID(Contactless)Long-

TermParker(SeasonalParker)media,fullyintegratedintoCarParkManagementSystem

(cc)Automaticproductionofparking media as substituteforalostShort-TermParkermedia atafixedratebypressingabutton

(dd)RemotehandlingofsubstituteparkingmediaforprocessingoflostShort-

TermParkermedia(ee)Half-DuplexIntercomsub-station

(ff)InterfacetoIntegrateCCTVCamera

(gg)Industrialembedded PCfortheself-

sufficientcontrolofthedevice(hh)10,000storedtransactions–offlineredundancy

(ii) Barcode/QR-CodeScanner forprocessingofthirdpartybarcodes as means ofpaymentordiscount.

(jj)SoftwareevaluationofthirdpartyBarcodes/QR-Codesasvouchers

3.11.12   SiteDevelopmentRelatedSpecifications

3.11.12.1   CarParkManagementSystem

(a) Stateoftheartdatabasetechnology,internationallyprovenfortheintegratedmanagementofallparkingtransactions

(b) Supporting64-bitMicrosoftWindows®OperatingSystems

(c) Opensoftwarearchitecture(API/UniversalInterfaces)

(d) Managementofauthorisationlevelsandinternalusergroups(e.g.adminorservicepersonnel)

(e) Usageofmodernsoftwaretechnologyforall GUIapplications(operationmodules)onthecarparkmanagementserver

(f) Multi-tasking/multi-applicationcapabilityallowingtoopenseveraloperationmodulesatthesametime

(g) Workstationsallowingmultipleusersmanagingthecarparksimultaneously

3.11.12.2   BusinessIntelligence

(a) Ad-hocreportingwithdrilldowncapability

(b) Modernmulti-dimensionaldataplatform

(c) Separatereportingdatabaseforhigh-performancedataanalysis(datawarehouse)

(d) Interactiveuserinterfaceandflexibleformattingcapabilities

(e) Dataanalysisinintegratedbrowserbasedclient

(f) Storageofuserspecificreports

(g) Importandexportexistingreports

(h) SupportingreportanalysisviaMicrosoftExcel®(*.xlsfile)(i)Exportin*.xls,*.csv,*.pdfand
*.pngfiles

(j)Flexible"Top10"filtercriteria

3.11.12.3   UserLoggingAudit

(a) Continuouslylogginguserandapplicationactivity

(b) Informationonwhohassignedonandwhatoccurredduringthesession(i.e.usedwhichapplication/performedwhichfunction)andtheassociatedtimestampstobeprovided

3.11.12.4   DifferenceCountingModule

(a) Integratedsoftwaremoduleforthemanagementoftheoccupancycountersinthecarpark

(b) Detectingtheoccupancyofeachlevelandthecompletecarpark,categorisedbyreservedSpaces(Long-TermParkers/SeasonalParkers),   non-reservedspaces(Short-TermParkers/HourlyParkers),bookedspaces(Short-TermParkers/HourlyParkerswhopre-bookedviainternet)andtotalspaces

(c) Useofthresholdvaluestocontrolsigns,carparklevels(optionallytariffs)

(d) Automaticsigncontrol(free/full)dependingonthenumberofcarsinthecarpark

(e) Automaticsigncontrol,dependingonweekdayandtime

3.11.12.5   AlarmManagementModule

(a) Integratedsoftwaremoduleforthemanagementofalarmsoreventsgeneratedbythefielddevicesortheuser softhecarparkmanagementsystem
(b) Alarmprioritisationforefficientactionandclearinstructionstostaff

(c) Configurationofcostumerspecificalarmmessages

(d) Configurationofalarmmessagesthatrequireacommentbytheoperator(e.g.manualbarrieropeningrequir esareasontobetypedin)

(e) Alarmlogbook(historyfunction)

(f) Alarmcounterfordisplayingalarmswithmultipleoccurrences

(g) Alarmforwardingviaemail

3.11.12.6 **CustomerAdministrationModule**

(a) IntegratedsoftwaremoduleforthemanagementofLong-TermParker(SeasonalParker)data(e.g.address,invoicedetails,cardnumbers).

(b) ExtendedLong-TermParker(SeasonalParker)accessprofiles(dependingonDay/Timeandparkingareaorintegratedparkinga rea)

(c) Flexiblelistgeneratorallowingfordefinitionofviewsandqueries/reports onSeasonalParkerdatadetails,

(d) Automatedinvoicing

(e) Invoicingdatesandcyclesdefinable

3.11.12.7 **TariffModule**

(a) Softwaremoduleforthemanagementofparkingfeesallowingtomodifyorcreateacustomizedtariffstructur e

(b) 'Lostticketatexit'feature(fixedorvariabletariff)

(c) Separateaccountingonvalidationschemes

(d) Definecomplexandhighlydifferentiatedtariffs(e.g.specialtariffsfordetermineduse-casesoruserpatterns,Daily,hourlyonevents)

(e) Tarifftesterfortariffverificationpriortotariffactivation

3.11.12.8 **PowerManagementModule**

(a) Softwaremodulefortheconfigurationofdeviceprofilesdefining"standby"periodsperunitorgroupofunitsf orscheduledshutdownofthedevices.

(b) Controloptionfor"temporarywake-up"ofdevicesoutof"standby"mode.

3.11.13 **Site Development Related Specifications**

SmartParking

Alltheprojectcomponents/facilitiesshallbeasperthedesignapprovedbyGSCDCLandshallnotobstructthep edestrianaccessusingfootpaths,skywalks(FOBs),etc.

RecommendedpracticesforroadsignsasperIRC67:2001andforpedestrianfacilitiesasperIRC103:1988shall

befollowed.

3.11.14 **Civil and Structural Specifications**

SMARTPARKING

ThecivilworksshallbeperformedinaccordancewithMPUADDSpecifications&isavailableatMPUADDWebsi te(www.mpurban.gov.in).TheprovisionsofGeneral/SpecialConditionsofContract,thosespecifiedelsewher einthebiddocument,aswellasexecutiondrawingsandnotes,detailsmentionedintheBillofQuantities,oroth erspecificationsissuedinwritingbyGSCDCLshallformpartofthetechnicalspecificationofthiswork. ForitemsnotcoveredunderMP-UADDspecificationswithcorrectionslipsorthosespecificationsarenotgiveninthetechnicalspecificationsap

pendedornotincorporatedinthenomenclatureoftheindividualitem,theworkshallbedoneasperlatestreleva ntBISCodesofPracticeorasperapprovalofEngineer-in-charge.ItisalsoadvisedthattheConcessionairecarryouttheirowninvestigationsrelatedtosoilcondition,strat a,bearingcapacityandothercharacteristicsoftheprojectlocations.

3.11.13 **Lighting(SmartParking)**

Lightingshallbedesignedtoprovideadequatevision,comfortandsafety.Itshallbedesignedtoprovideuniformli ghtingofminimumthroughoutthefacilitywithnodarkpatchesorpocketsandshallconfirmtoIS7537(Part0/S ec0):1974ofBIS.

3.11.14 **OtherStandards**

3.11.14.1 **SmartParking**

(a) TheConcessionaireshall take suchmeasuresandexercisetoprotectthesiteduringthecourseoftheworksasdirectedbyandtotheentiresatisf actionoftheGSCDCL.

(b) TheConcessionaireshallsubmitaprogrammesupportedwithBarChartforconstructionofproject/sinap hasedmannersoastocauseleastinconveniencetothepublic.Theconstructionanderectionworkshallbecarri edoutduringnighthours/restrictedhourskeepinginviewthesafetyofpedestrians/traffic.TheConcessionair eshouldgivetheircompleteprogramfordifferentstagesofexecutionincludingplanning,designing,fabrication anderection,etc.

(c) Duringtheconstructionperiod,theConcessionaireshallmakesuitablearrangementstoco-ordinatewiththeGSCDCL,OfficerInChargeandprovideallnecessaryinformation soastoallow theGSCDCL,OfficerIn Charge to monitor theprogressandquality of construction inlinewiththeroleoftheGSCDCL,OfficerInChargeasprovidedintheConcessionAgreement.

(d) TheConcessionaireshallprovideallequipmentandmaterialsnecessarytoprovidetheServices.

(e) Theinstalledfacilityandequipmentshallbeinspected,checkedandtestedtoverifythatitiscorrect,complie swithspecificationandhasbeen installedinaccordancewithdesign drawingsandasperdefinedtechnicalspecifications.

(f) Thefollowingchecksshallbecarriedoutbeforeacceptanceofvariousunitsandequipment:

I.   Dimensionsofallthecivilstructuresaspertheapproveddrawings

II.   Pipesandrelatedaccessoriesinstalledaspertheapproveddrawings

III. Alignmentofequipmentaspertheapproveddrawings

IV. Alltheelectricalworkstobetestedforroutineandtypetests

V. Installationofcables,earthingworksasperrelevantISorinternationalcodes

(g) Thecommercialspace(asapprovedbyGSCDCL)providedtothe

Concessionaireshallbeusedstrictlyforthepurposeforwhichtheyareallotted.

(h) WhereveranyreferencestoanyIndianStandardSpecificationsand/orIRCcodesoccurinthedocumentsre latingtothiscontract,thesameshallbeinclusiveofallamendmentsissuedtheretoorrevisionthereofif any,uptothedateofreceiptofBid.

(i) TheworkshallbeexecutedwithhighestdegreeofefficiencyandallsafetyaspectsshallbeadoptedasperInter nationalpracticesasdirectedbyGSCDCL,OfficerInCharge.

3.11.14.2 **MaintenanceandPerformanceStandards**

Preamble

Thefollowingmaintenanceandperformancestandardscoveronlysomeoftheminimumrequirementsforopera tion.TheConcessionaireshalloperate,maintain,andmanagetheproposedSmartParkingstrictlyconformingt otherelevantIndianstandards,thebestindustrypractices,andinternationallyacceptablenorms.

General

Duringtheperiodofoperation,theConcessionaireshallmaintainallthefacilitiesinaccordancewithperforman cestandardsandmaintenancerequirements,asmentionedbelow:

a. Performmaintenanceonaroutineandperiodicbasis.

b. Providefunctionalfacilitiesthat

i. MeettherequirementsofSmartParkingSystem;

ii. Ensurethesafetyofthepedestrianandroadusers;and

iii. MaintainacleanandhygienicenvironmentatProjectlocations.

c. Identifypotentialproblemsearlywithinthecontextoftheplannedmaintenancesystemsothatcorrectiveacti onmaybeplannedandcompletedinatimelymanner.

d. Establisha maintenancelistforplanned operationand maintenance.Followanorderlyprogramsothatmaximumoperationalefficiencyisattained.

e. MaintainregularandsystematicrecordsofallmaintenanceandoperationsactivityattheFacilities.

MaintenanceWorks

i. TheConcessionaireshallinconsultationwithGSCDCLand/orGSCDCL,OfficerInChargeevolveanOperatio nandMaintenanceManual.

ii. TheConcessionaireshallperformroutineandperiodicmaintenanceactivitiesfortheprojectinfrastructure viz,civil,mechanicalandelectricalworksandequipment,services,facilities.

iii. Maintenanceofalltheelectrical-

mechanicalequipment's,machineriesshallbeasper'OriginalEquipmentManufacturers'(OEM)standar

ds.

MaintenancePerformanceStandards

a) TheConcessionaireshallmaintaintheProjectFacilityingoodandusableconditionthroughouttheConcessi onPeriodoranyextensionthereofthroughregularandpreventivemaintenanceoftheProjectFacility

b) TheOperationandMaintenanceManualshallincludealltheactivitiesrequiredforregularandperiodicmain tenanceofthefacilityduringtheConcessionPeriod,sothatthefacilityismaintainedinamannerthatatalltimesi tcomplieswiththespecificationsandstandardsandatthetimeofdivestmentofrightsandinterestsbytheConce ssionaireintermsoftheConcessionAgreementinsound,durableandfunctionalcondition

3.11.14.3 **ReportingandMonitoring**

Reporting

Suitable reportingsoftwareshould be available to generatestandard report formatstomeasure/verifyvariousSLAs,formonitoringtheperformance,etc.

(a) TosuggestotherreportformatsthatcouldbeusefulformanagingControlRoomoperations,apartfromthere portsrequestedbyGSCDCL.

(b) Toprovideforflexiblereportformats,in.xls,.txtoranyotheruser-friendlystructureincludinggraphicsdependingontherequestoftheGSCDCLfromtimetotime

(c) Reports should be available remotely also in GSCDCL through electronic means like web basedaccess with password security and emails, etc. The report should include latest data, if the authorised report seeker does not specify period.

(d) Todevelopandimplementrequisiteapplicationforhosting/updatingofotherinformation(i.e.information notavailableinGSCDCLbackendsystems,likeFAQ,servicedetails,etc.)initssystemaswellasonwebsitenotifie dbyGSCDCL.

Monitoring

AfacilityshouldbeavailableforGSCDCLmonitoringteam,externalandinternalauditorstoperiodicallyinspect thefunctioningofCallCentre.Themonitoringteamshouldbeabletoaccessallsub-systems/servers,recordsinrespectofInformationTechnology,securitymeasures includingDataandSoftwareBack-ups,firewalls,anti-virussoftwareupdates,etc.Additionally,

(a) GSCDCLmayalsodeploytoolstomonitorperformanceofvarioussystemstoruleoutanypossibilityoftamp eringthedata,whichmayhaveaneffectonbillingofthe Vendor.

(b) ItshouldbepossibletoremotelymonitorperformanceonallSLAs/KPIsandalsoofalltheapplicationsprovid edbythesystemi.e.real-timeACDstatistics,calls inqueue,numberofagentsloggedin,numberofagentsabandonedansweredcalls,queryofthecalllogsofapartic ularcustomer,etc.,bydesignatedCallCentreCoordinatororCallCentrein-charge.

ServiceLevelAgreement

(a) ThepurposeofthisServiceLevelAgreement(hereinaftercalledSLA)istoclearlydefinethelevelsofservicewh ichshallbeprovidedbytheBiddertoEndCustomerandGSCDCLforthedurationofthecontract.TheSLAisinten dedtoestablishaclearsetofmeasurableparametersagainstwhichtheperformanceoftheBiddercanbemeasur ed.

(b) TheConcessionaireandGSCDCLshallmaintainamonthlycontact tomonitortheperformanceoftheservicesbeingprovidedbytheBidder.

(c) TheConcessionaireagreestothefollowingSLAparameterswhileprovidingservicestothecustomers/caller sthroughtheestablishedGSCDCLCallCenter.TheSLAsshallbemonitoredperiodicallyandnon-adherenceoftheseSLAsisboundtoattractpenaltiesasdescribedinthefollowingClauses.However,thepenaltie sshallbeapplicableonlyafterthe2nd(Second)monthoftheoperationofConcessionaireControlRoom.

3.11.14.4 **SLAduringImplementation**

These SLAs shallbeusedtoevaluate thetimelines forcompletion of deliverablesthat arelistedin thedeliverable.TheseSLAswillbeapplicableforcommissioningoftheproject(implementationofthecompletep rojectasperscopeoftheworkdefinedinthisRFPdocument).Fordelayofeveryweekincompletionandsubmissio nofthedeliverablementionedintheproposal,theConcessionairewouldbechargedwithpenaltyasfollows

Incase,theConcessionairereachesmaximumofpenaltyatanypointoftime,GSCDCLreservestherighttoinvok etheterminationclause.

TheSmartParkingSystemshallbeinstalledandoperationalisedbytheConcessionairewithinThree(3)month sfromtheagreementdate/DateofClearSiteHandoverfromGSCDCLwhicheverisearlierinaccordancewiththe RFPstipulations.AnydelayininstallationoroperationalisationofSmartParkingSystemwillattractthepenalty asgivenbelowonConcessionaireoneachincompleteparkingsite.

Delay	Value
Perweek	2.5%ofMinimumConcessionFee
Maximum (4 weeks)	10% of Minimum Concession Fee

Note:GSCDCLreservestherighttoterminatetheConcessionAgreementincaseofanydelayinimplementation ofSmartParkingSystembeyond4weeks.

3.11.14.5 **Post-ImplementationSLA**

TheseSLAsshallbeusedtoevaluatetheperformanceoftheservicesonweeklybasisbutpenaltieswouldbelevied forcumulativeperformanceforthequarterbasis.

(a) Ifanycomplaintofover-chargingorcollectingparkingchargesoutsidetheparkingarea definedinRFPdocumentorsubsequentlyallottedisreceivedfromthecomplainantor anyviolationisnoticed,thesameshallbeinvestigatedbytheGSCDCLandiffoundtrue,thenapenaltyofminimu

mamountofRs.10000/-foreachsuchincidentshallbeimposedontheConcessionaireandforrepeatedviolation,actionshallbetakenagainsttheConcessionaireasperclauseofthisRFPtoterminatetheagreement.

(b) TheConcessionairehastoensurethatallthevehicleswillbeparkedinthespacedefinedforeachvehicleintheparkinglot.Theparkingattendantwillensureproperparkingofvehiclesineachslot.ForeachsuchviolationapenaltyofRupeestwohundredpervehicleperincidentwillbeimposed.

(c) TheConcessionairehastoensurethatthenumberofvehiclesparkedshallnotexceedthedesignatedcapacityofeachparkinglot.ForeachsuchviolationapenaltyofRupeesFiveThousandpervehicleperincidentwillbeimposed.

(d) Fornon-operationofdatabaseonanyofthedayGSCDCLwillchargetheConcessionfeeofthatdayequaltothehighestcollectionofparkingchargesforadayinyear

(e) Theuptimecommitmentofalltheparkingsensors,LEDdisplay,oranyotherequipment/communicationdevicesusedforreal-timeavailabilityofparkingspacesanditsbillingis99%.TheuptimecommitmentofalltheCCTVandrelatedequipmentanditscommunicationdevicesis98%.

(f) Iftheonlineinformationofparkedvehicles/availabilityofparkingisnotmatchingwiththeactualposition(99%accuracy)thanapenaltyofRs.5000/-(RupeesFiveThousand)perparkinglotperdaywillbeimposed.

(g) Nonofflinebillingofparkingchargeswillbeallowed.TheConcessionairehastotakestandbyarrangementoftheinternet/networkconnectivitysothatincasetheonlinesystemisdownatanytime.TheConcessionairehastokeepthesparehandhelddevice,computers,networkequipmentandotherequipmentsothatthesystemwillbeoperationalallthetime.

3.11.14.6 **OtherPenalties**

(a) PenaltiesforvehicleparkedoutsideparkinglotbutnottowawayclampedbytheConcessionaireapenaltyofRs.200/-pervehicleperdaywillbelevied.

(b) ItisexpectedthattheConcessionaireshouldcomplywithallthePolicy/Procedural/RegulatoryGuidelinesenforcedbyGovernmentofIndia,GovernmentofMadhyaPradesh,andotherstatutoryandrelatedbodies,asamendedfromtimetotime.TheConcessionaireshouldalsosafeguardtheApplicationSecurityandApplicationIntegrity.

(c) Penaltywouldbeapplicablefornon-complianceofrelevantsecuritycertifications.TherewouldbeZeroTolerancepolicyagainstsuchbreaches.Thepenaltiesacrossvariousbreachescouldbecategorisedasfollows(thisincludesbutnotlimitedtothefollowing):

I. InformationSecurityBreach:Anydataleakage,informationsharing,reportssharingwithouttheconsentofGSCDCL.

II. Network andSystemSecurityBreach:Any instance ofhacking,information / data compromise,unauthorisedaccesstopublicWi-Fi.

III. GuidelinesBreach:Non-compliancetoguidelinessharedbyvariousgovernmentagenciessuchascomplyingwithstandardsforwebsite/mobileappdevelopment,etc.

Foranyofthebreachforabove-mentionedcategory,apenaltywouldbeleviedontheConcessionaireforeveryinstanceofoccurrenceifnotrespondedasperthetimelinesmentionedinthetablebelow:

Type	Measurement(Unit)	ResponseTime(InUnit)	Penalty OnResponsew.r.t. Delay/Unit
InformationSecurityBreach	Hours	1	₹1000

Type	Measurement(Unit)	ResponseTime(InUnit)	Penalty OnResponsew.r.t.
Network and SystemSecurityBreach	Hours	1	₹1000
GuidelinesBreach	Days	7	₹5000

TheresponsetimereferstoimmediateremedialactiontakenandpreventivemeasuresupdatedbytheConcessionaireonoccurrenceoftheevent.Incasethebreachesarenotrespondedtointhetimeframeasspecified,penaltieswouldbeleviedasperthetableaboveandfailingtoaddressthebreachindesiredtimeline,recurringpenaltieswouldbeleviedw.r.t.todelayinunitsasmentioned.Forexample,incaseofanInformationSecurityBreach,theConcessionairehastorespondwithinone

(1)houroftheeventoccurrence.

GuidelinesBreachincludesnon-compliancetocertainguidelinesassetbyvariousagencieslikeMinistryofCommunicationsandInformationTechnology,DepartmentofScienceandTechnology,orotherstatutoryAuthorities,etc.Insuchcases,resolutionoftheissueismandatory.TheConcessionairewouldberequiredtorespondwiththeactionplan/changerequest,asapplicable,inordertoresolvetheguidelinesbreachwithinthespecifiedresponsetime.

PenaltiesshallnotbeleviedontheConcessionaireinthefollowingcases

• In caseofa forcemajeureevent effectingtheSLAwhich isbeyondthecontrolof theConcessionaire.ForceMajeureeventsshallbeconsideredinlinewiththeForceMajeureclausementionedin thisRFPdocument.

• Theftcasesbydefault/vandalismwouldnotbeconsideredas"beyondthecontrolofConcessionaire".Hence,theConcessionaireshouldbetakingadequateanti-theftmeasures,sparesstrategy,InsuranceasrequiredtomaintainthedesiredrequiredSLA.

3.11.14.7 **ReviewofSLAParameters**

TheSLAdesignisbasedonthescopeofservicesandoperationalaspectsof Bidder.Duetoevolving natureoftheproposedproject,a reviewofSLAswillbe conductedattheend ofthreemonthsfromthedateofgo-liveof theBidder. ThepurposeofthisreviewistoreassesstheSLAsbasedonthefirstthreemonths'callvolumes.GSCDCL,afterthoroughanalysisofthemonthlystatisticsmonitoredaspertheabovementionedSLAparameters,mayconsiderrevisionoftheSLAparametersandupdatethisagreement.Andiftherevisionoccurs,thentherevisedSLAswouldbefinalandbindingfortherestofthetermofthecontract.

DECLARATION

I/WEdeclarethatI/WEhavereadtheabovetermsandconditionsfor *"SelectionofConcessionaireforDesign ,Development,Implementation,OperationandMaintenanceofSmartParkingSolutionforOnStreet, OffStreetandMulti- LevelParkinginGwalioronPPPModel"* andtheratesquotedbyme/ustowhichI/WEhavesubscribedmy/ou rsignatures.I/WEundertaketoabidebythesaidtermsandconditionsandtheratequotedbyme/us.I/Weam/ aremajoronthedateofmakingthisdeclaration.

SignatureoftheBidder

Name: _____

Address: _____

                 _____

Dated: _____

Witnesses:

1.   **2.**

Name: **Name:**

_____   _____

Address: **Address:**

_____   _____

_____   _____

Dated: **Dated:**

_____   _____

Section4.0

FORMATSFORBIDSUBMISSION

SECTION4.0:FORMATSFORBIDSUBMISSION

Annexure1–ParkingSites

Sl. no.	ParkingLocation	Type	Capacity2 Wheeler	Capacity 4 Wheeler	Implementation Period	Minimum Concession Fee of the Package
PACKAGEI–ABD						
CentralBusinessDistrict(CBD)						
1	DarjiOliAgrasenComplex	On-Street	35	6		
RestofAreaBasedDevelopment(ABD)						
2	SuryaNarayanMandirParisar,Daulatganj	Off-Street	57	7		
3	MiniStadium,Near ChattriBazaarMaidanGate	On-Street	32	1		
4	BusParking,Aamkho	Off-Street	0	80(Buses)		
5	Chamber of CommerceBoundaryWallParking	On-Street	0	16		
6	Katoratal	Off-Street	80	19	2 Months	
7	AshokTravels,Kampoo	On-Street	40	2		
8	InFrontofAlankarHotel	Off-Street &On- Street	59	22		

Sl. no.	ParkingLocation	Type	Capacity2 Wheeler	Capacity 4 Wheeler	Implementation Period	Minimum Concession Fee of the Package

Sl. no.	Parking Location	Type	Capacity 2 Wheeler	Capacity 4 Wheeler
9	BoundaryinfrontofDistrictcourt andBehindGirirajMandirParking	On-Street	0	16
10	Naya Bazaar, Multi-LevelParking	MLCP	123	0

PACKAGEII–PANCITY

Sl. no.	Parking Location	Type	Capacity 2 Wheeler	Capacity 4 Wheeler	Implementation Period
11	BehindRajeevPlaza	Off-Street	0	26	
12	GandhiPraniUdyan,PhoolBagh,NaveenGate	On-Streetand Off-Street	67	8	
13	ISBT,BusStand	Off-Street	310	0	
14	Chaupaati,Phoolbagh	Off-Street	130	28	
15	MaanSinghMahal,GwaliorFort	Off-Street	221	38	
16	Kalyaan Memorial Hospital,Morar	Off-Street	70	21	2 months
17	Scooter-Motorcycle Stand, BirlanagarandalongNalla	On-Street	71	5	
18	Morar Girls College,RaamjaankiMandir	Off-Street	0	40	
19	Rawaldas, PhoolBagh Chauraha	On-Street	28	6	
20	SanjayComplex(RoadAlongBoundarybetweenSanjayComplex&RajeevPlaza)	Off-Street	18	7	
21	NearDistricthighcourt,NearShedandInsideBarricades(GirirajMandir)	Off-Street	83	0	

Sl. no.	ParkingLocation	Type	Capacity2 Wheeler	Capacity 4 Wheeler	Implementation Period	Minimum Concession Feeofthe Package
22	FromBaradariChowk,Groverto Utkrishtaschool	On-Street	0	22		

| 23 | Salasar Mall, Multi-LevelParking(BlockAandB) | MLCP | 212 | 260 | | |
| 24 | Scooter-Motorcycle Stand, Sabjimandi Morar | On-Street | 13 | 1 | | |

Note:

- Totalcontracttermistwelveyearsfromthedateofhandingover of the site ....

- TheBiddershalloperate,maintainandmanagethecompleteparkingsolution,throughouttheConcessionp eriodinaccordancewiththisRFPdocument.

- ThemanpowergivenintheRFPistheminimumindicativerequirement.

Annexure2–IndicativeBillofMaterialsforSmartParkingManagementandGuidanceSystem

Sl. no.	NameOfParkingLot	Type	Area	POS	Digital Display	LinePar king	TicketDis penser	Camera	Small Hut
1	DarjiOliAgrasen Complex	On-Street	288	1		1 Vendor study	1	2	1
2	MiniStadium,NearCh attriBazaarMaidanG ate	On-Street	150	1	1		1	2	1
3	ChamberofCommerc eBoundaryWallParki ng	On-Street	435	1	1		1	2	1
4	AshokTravels,K ampoo	On-Street	400	1	1		1	2	1
5	InFrontofAlankarH otel	On-Street	790	1	1		1	2	1
6	BoundaryinfrontofDi strictcourtandBehin dGirirajMandirParki ng	On-Street	210	1	1		1	2	1
7	GandhiPraniUdyan,P hoolBagh,NaveenGat e	On-Street	456	1	1		1	2	1
8	Scooter-MotorcycleStand,Bi rlanagarandalongN alla(muudyparking)	On-Street	390	1	1		1	2	1
9	Rawaldas,PhoolBag hChauraha	On-Street	270	1	1		1	2	1
10	FromBaradariCho wk,GrovertoUtkris htaschool	On-Street	600	1	1		1	2	1
11	Scooter-MotorcycleStand,S ubjiMandiMurar	On-Street	70	1	1		1	2	1

Sl. NO	Name OfParkingLot	Type	Area	POS	DigitalDisplay	LineParking	TicketDispenser	Camera	SmallHut	BoomBarrier	EntryGate	ExitGate
1	SuryaNarayanMandirParisar,Daulatganj	Off-Street	402	1	1		1	5	1	1	1	1
2	BusParking,Aamkho	Off-Street	4500	1	1		1	5	1	1	1	1
3	Katoratal	Off-Street	800	1	1		1	4	1	1	1	1
4	NayaBazaar,MultiLevelParking	Off-Street	0	1	1		1	4	1	1	1	1
5	BehindRajeevPlaza	Off-Street	700	1	1		1	4	1	1	1	1
6	ISBT, BusStand	Off-Street	1086	1	1		1	5	1	1	1	1
7	Chaupaati,Phoolbagh	Off-Street	1200	1	1		1	4	1	1	1	1
8	Maan Singh Mahal	Off-Street	1800	1	1		1	4	1	1	1	1
9	KalyaanMemorialHospital,Morar	Off-Street	820	1	1		1	5	1	1	1	1
10	MorarGirlsCollege,RaamjaankiMandir.	Off-Street	1070	1	1		1	5	1	1	1	1
11	InFront ofSanjayComplex,NearＲＮＲ	Off-Street	240	1	1		1	5	1	1	1	1
12	NearDistricthighcourt,NearShedandInsideBarricades(GirirajMandir)	Off-Street	290	1	1		1	5	1	1	1	1
13	SalasarMall,Multi-LevelParking(BlockAandB)	Off-Street	0	1	1		1		1	1	1	1

Note:

This is minimum technical specification with indicative quantities for successful completion of this project required for implementing project in proposed parking lots mentioned in Annexure-1. The Concessionaires are free to increase the quantity if their technical solution warrants.

Annexure 3 – Covering Letter

{To be printed on the authorised Letterhead of the Bidder/Lead Member, including full postal address, telephone, faxes and e-mail address}

Dated:................

To

Executive Director,

Gwalior Smart City Development Corporation Limited (GSCDCL), Gw

alior Municipal Corporation,

Narayan Krishna Shejwalkar Bhawan, C

ity Center, Gwalior-

474011, Madhya Pradesh.

Subject: Submission of Bid for "Selection of Concessionaire for Design, Development, Implementation, Operation and Maintenance of Smart Parking Solution for On Street, Off Street and Multi-Level Parking in Gwalior on PPP Model".

Dear Sir,

1. We are submitting this Bid (Proposal) on our own.

2. Having visited the site and examined the RFP Documents, for the execution of the Concession Agreement for the captioned Project, we the undersigned offer to finance, construct, operate and maintain the whole of the said 'Project' for the Concession Period in conformity with the RFP.

3. This Bid and your written acceptance of it shall form part of the Project Agreements to be signed between the Concessionaire and the GSCDCL. If a Bidder is nominated as Successful Bidder, we understand that it is on the basis of the technical, financial and organisational capabilities and experience of the Bidder taken together. We understand that the bases for our qualification will be the complete Bid documents submitted along with this letter, and that any circumstance affecting our continued eligibility as per RFP, or any circumstance which would lead or have led to our disqualification, shall result in our disqualification under this Bidding process.

4. We agree that

a) if we fail to meet the Minimum Development Obligations and/or Technical specifications and/or the Performance Standards according to the conditions/stipulations of the RFP/Concession Agreement, OR

b) If we fail to offer provide required facilities to GSCDCL or its Authorised Representative for carrying out the inspection of works, operations and performance, then GSCDCL or its representative shall be at liberty to take action in accordance with the RFP/Concession Agreement.

5. We undertake, if our Bid is accepted, we will complete the Project, commence operations and maintain the project facilities as per the RFP/Concession Agreement.

6. We agree to abide by this Bid for a period of 180 (One Eighty) days from this bid submission Due Date fixed and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

7. In the event of our Bid being accepted, we agree to enter into a formal Concession Agreement with GSCDCL as per the RFP.

8. If our Bid is accepted, we agree for the following:

a) To furnish an unconditional and irrevocable Bank Guarantee (as mentioned in RFP) towards

performancesecuritywithin15daysofLoAandaspre-conditionforsigningofConcessionAgreementaspertheRFP.

9. Weagreethatifwefailtofulfilanyoftheconditionsmentionedatabove,GSCDCLshouldhavetherighttoforfeit theBidSecurity/EMDbeingfurnishedbyusalongwiththisBid.

10. Notwithstandinganyqualificationsofconditions,whetherimpliedorotherwise,containedinourProposal, weherebyrepresentandconfirmthatourProposalisunqualifiedandunconditionalinallrespects'andweagree totheter msasunder.

a) MinimumDevelopmentObligationsasindicatedintheRFP;

b) DevelopmentControlsofGSCDCLoranyotherstatutoryauthoritiesetc.c)TheTechnicalspecifications,the performancestandardsetc.asstipulatedintheRFP;

d)Anyotherregulationasapplicable.

11. WeunderstandthatGSCDCLisnotboundtoacceptanyorallBidsitmayreceive.

12. Wedeclarethatwehavedisclosedallmaterialinformation,factsandcircumstances,whichwouldbereleva nttoandhaveabearingontheevaluationofourBidandselectionasConcessionaire.

13. We do, also, certifythatall the statementsmadeand/or any informationprovidedinour proposalistrueandcorrectandcompleteinallaspects.

14. WedeclarethatintheeventthatGSCDCLdiscoversanythingcontrarytoouraboved eclarations,itisempo weredtodisqualifyusandourBidfromfurtherparticipationintheBidevaluationprocessandforfeitourBidSec urity

Datedthis_____dayof_____2017

(Signature)(

Nameoftheperson)

_____(Inthecapacityof)

(NameofBidder)_____Seal _____

Annexure4–ProjectUndertaking

(OntheLetterHeadoftheBidder/LeadMember)

Date----

ExecutiveDirector,

GwaliorSmartCityDevelopmentCorporationLimited(GSCDCL),Gw

aliorMunicipalCorporation,

NarayanKrishnaShejwalkarBhawan,CityCenter,Gwalior-

474011,MadhyaPradesh.

DearSir,

Subject:SubmissionofBidfor*"SelectionofConcessionaireforDesign,Development,Implementation, OperationandMaintenanceofSmartParkingSolutionforOnStreet,OffStreet andMulti-LevelParkinginGwalioronPPPModel".*

WehavereadandunderstoodtheRequestforProposal(RFP)documentinrespectofthecaptionedprojectprovid edtousbyGSCDCL.

Weherebyagreeandundertakeasunder:

Notwithstandinganyqualificationsofconditions,whetherimpliedorotherwise,containedinourProposal,weh erebyrepresentandconfirmthatourProposalisunqualifiedandunconditionalinallrespectsandweagreetothe termsoftheproposedAgreement,adraftofwhichalsoformsapartoftheRFPdocumentprovidedtous.

Datedthis....................................Dayof................................2017

NameoftheBidder

SignatureoftheAuthorisedPersonNameof

theAuthorisedPerson

TECHNICALPROPOSALFORMATS

Annexure5–FormatforLetteroUndertakingforTechnicalBid[OntheLetterHeadoftheBidder/LeadMember]

Date:

ExecutiveDirector,

GwaliorSmartCityDevelopmentCorporationLimited(GSCDCL),Gwa

liorMunicipalCorporation,

NarayanKrishnaShejwalkarBhawan,CityCenter,Gwali

or-474011,MadhyaPradesh

DearSir,

Subject:SubmissionofBidfor"SelectionofConcessionaireforDesign,Development,Implementation, OperationandMaintenanceofSmartParkingSolutionforOnStreet,OffStreetandMulti-LevelParkinginGwalioronPPPModel".

AsapartoftheBidfor**"SelectionofConcessionaireforDesign,Development,Implementation,Operation andMaintenanceofSmartParkingSolutionforOnStreet,OffStreetandMulti-LevelParkinginGwalioronPPPModel"**weherebyagreetodevelopandoperatetheProjectaspertherequireme ntsstipulatedintheRFP.Weherebyundertakethatiftheprojectisawardedtous,wewillmeetrequirementsassp ecifiedhereunderandherebygiveourcomplianceforthesame.

(a) ProofforEligibilityCriteria

(b) StatementofLegalCapacity(aspertheformatprovidedinRFP)

(c) PowerofAttorney(ofleadbidderincaseofconsortium-aspertheformatprovidedinRFP)

(d) JointBiddingAgreement(incaseofConsortium)

(e) ProjectApproachandMethodologyPaper

(f) CVofKeyPersonnel(aspertheformatprovidedinRFP)

(g) RelevantpastExperienceasrequestedintheRFPTechnicalEvaluationCriteria

(h) BillofMaterial(aspertheRFP)

WeherebyassureGSCDCLandguaranteethatinfuture,fromtimetotimewheneverwearerequiredtoundertak eorfollowanyspecificguideline/law,weshalldotheneedfulasrequiredasrequiredtoensurethattheprojectan dtheConcessionairecomplywiththelegalrequirements.

WeherebydeclarethatalltheinformationandstatementsmadeinthisProposalaretrueandacceptthatanymis interpretationcontainedinitmayleadtoourdisqualification.

Yoursfaithfully,

(SignatureofAuthorisedSignatory)(Name,Title,Address,Date

Annexure6–FormatforLetterofApplication

(OntheLetterheadoftheBidderorLeadMemberincaseofConsortium)Date:

ExecutiveDirector,

GwaliorSmartCityDevelopmentCorporationLimited(GSCDCL),Gwa

liorMunicipalCorporation,

NarayanKrishnaShejwalkarBhawan,CityCenter,Gwali

or-474011,MadhyaPradesh

DearSir,

1. Beingdulyauthorisedtorepresentandactonbehalfof..(HereinrefertoastheB idder"),andhavingreviewedandfullyunderstoodallthequalificationinformationprovided,theundersignedh erebyapplytobequalifiedasabidderfortheProjectof**"SelectionofConcessionaireforDesign,Development ,Implementation,OperationandMaintenanceofSmartParkingSolutionforOnStreet,OffStreetandMu lti-LevelParkinginGwalioronPPPModel"**.

2. GSCDCLanditsauthorisedrepresentativesareherebyauthorisedtoconductanyinquiriesorinvestigation stoverifythestatements,documents,and informationsubmittedinconnectionwiththisapplication,andtoseekclarificationfromourbankersandclient sregardinganyfinancialandtechnicalaspects.ThisletterofApplicationwillalsoserveasauthorisationtoanyin dividualorauthorisedrepresentativeofanyinstitution,toprovidesuchinformationdeemednecessarytoverify statementsandinformationprovidedinthisapplication,orwithregardtotheresources,experience,andourco mpetence.

3. ThisApplicationismadeinthefullunderstandingthat:

a) BidsbyQualifiedBidders(Bidders)willbesubjecttoverificationofallinformationsubmittedforqualification atthetimeofbidding;

b) GSCDCLreservestherighttorejectoracceptanyApplication,cancelthequalificationprocess,andrejectall Bid;and

c) GSCDCLanditsauthorisedrepresentatives,consultants,advisors,etc.,shallnotbeliableforanysuchactio nsandshallbeundernoobligationtoinformtheBidderofthegroundsforthem.

Theundersigneddeclarethatthe statementsmade and the informationprovidedin thedulycompletedApplicationarecomplete,true,andcorrectineverydetail.

AuthorisedSignatoryName:

Designation:

1. ProposedPosition:[Foreachpositionofkeyprofessionalseparateformwillbeprepared]:

2. NameofBidder:[InsertnameofBidderproposingthestaff]:

3. NameofStaff:[Insertfullname]:

4. BriefProfileofProposedStaff:[Providesummaryofproposedstaffexperience,qualificationsandachievementsinnomorethan250words]

5. DateofBirth:

6. Nationality:

7. Education:[Indicatecollege/universityandotherspecialisededucationofstaffmember,givingnamesofinstitutions,degreesobtained,anddatesofobtainment]:

8. MembershipofProfessionalAssociations:

9. OtherTraining:

10. CountriesofWorkExperience:[Listcountrieswherestaffhasworkedinthelasttenyears]:

11. Languages[Foreachlanguageindicateproficiency:good,fair,orpoorinspeaking,reading,andwriting]:

12. EmploymentRecord:[Startingwithpresentposition,listinreverseordereveryemploymentheldbystaffmembersincegraduation,givingforeachemployment(seeformatherebelow):datesofemployment,nameofemployingorganisation,positionsheld]:

From[Year]:   To[Year]:Employer:

Positionsheld:

13. DetailedTasksAssigned:[ListalltaskstobeperformedunderthisAssignment]

14. WorkUndertakenthatBestIllustratesCapabilitytoHandletheTasksAssigned[AmongtheAssignment/jobsinwhichthestaffhasbeeninvolved,indicatethefollowinginformationforthoseAssignment/jobsthatbestillustratestaffcapabilitytohandlethetaskslistedunderpoint12.]

NameofAssignmentorproject: Employer:Year: Location: Main
                                                  projectfeatures:

Positionsheld:Activitiesperformed:

(SignatureandnameoftheauthorisedsignatoryoftheBidder)

Note:

1. UseseparateformforeachKeyPersonnel.

2. EachpageoftheCVtohavescannedororiginalsignatureoftheKeyPersonalbutitisrequiredcountersignedbyAuthorisedSignatoryinoriginal.

3. EachKeyExpertCVshallnotexceed5pages

[OntheletterheadoftheBidder/Eachoftheconsortiummember]

Asondateofsubmissionoftheproposal,thebidder/eachmemberoftheconsortiumshouldnothavebeen blacklistedbyanyGovernmententity(CentralorStateGovernmentorPSU)inIndiaorisunderadeclarati onofineligibilityforfraudulentorcorruptpracticesbyanyGovernmententity(CentralorStateGovern mentorPSU)inIndia.

[Ontheletterheadoftheorganisation]

No–BlacklistingDeclaration

Thisistocertifythat----------------------(Nameoftheorganisation),havingregisteredofficeat- ---------------------(Addressoftheregistered office),asondateofsubmissionoftheproposal,have notbeenblacklistedbyanyGovernmententity(CentralorStateGovernmentorPSU)inIndiaorisunderadeclara tionofineligibilityforfraudulentorcorruptpracticesbyanyGovernmententity(CentralorStateGovernmentor PSU)inIndia.

Signature:

NameoftheAuthorisedSignatory:Designation:

Note:Incase,informationrequiredbyGSCDCLisnotprovidedbythebidderintheforms/formatsprovid edabove,GSCDCLshallproceedwiththeevaluationbasedoninformationprovidedandmaynotreques tthebidderforfurtherinformation.Hence,responsibilityforprovidinginformationasrequiredinthe aboveformsliessolelywiththebidders.

Annexure9–JointBiddingAgreement

(TobeexecutedonStamppaperofappropriatevalue)

THISJOINTBIDDINGAGREEMENTisenteredintoonthisthe............dayof.........,2017.

BETWEEN

1. {…………Limited,acompanyincorporatedundertheCompaniesAct,……}andhavingitsregisteredofficeat …………(Hereinafterreferredtoasthe"FirstPart"whichexpressionshall,unlessrepugnanttothecontextincludeitssuccessorsandpermittedassigns)

AND

2. {…………Limited,acompanyincorporatedundertheCompaniesAct,1956}andhavingitsregisteredofficeat…………(Hereinafterreferredtoasthe"SecondPart"whichexpressionshall,unlessrepugnanttothecontextincludeitssuccessorsandpermittedassigns)

WHEREAS

(A) GwaliorSmartcityDevelopmentCorporationLtd.GSCDCL),representedbyitsExecutiveDirectorandhavingitsprincipalofficeatGwaliorMunicipalCorporation,NarayanKrishnaShejwalkarBhawan,CityCenter,Gwalior-474011,MadhyaPradesh(hereinafterreferredtoasthe"GSCDCL"whichexpressionshall,unlessrepugnanttothecontextormeaningthereof,includeitsadministrators,successorsandassigns)hasinvitedBidsbyitsRequestforProposalNo.…………dated…………(the"RFP")RequestforProposalforSelectionofConcessionaireforDesign,Development,Implementation,OperationandMaintenanceofParkingGuidanceandManagementSolution   foronstreet,offstreetandMLCParkingSpacesinGSCDCLareaonPPPmodel

(B) ThePartiesareinterestedinjointlybiddingfortheProjectasmembersofaConsortiumandinaccordancewiththetermsandconditionsoftheRFPdocumentandotherbiddocumentsinrespectof theProject,and

(C) ItisanecessaryconditionundertheRFPdocumentthatthemembersoftheConsortiumshallenterintoaJointBiddingAgreementandfurnishacopythereofwiththeApplication.

NOWITISHEREBYAGREEDasfollows:

1. **DefinitionsandInterpretations**

InthisAgreement,thecapitalisedtermsshall,unlessthecontextotherwiserequires,havethemeaningascribedtheretoundertheRFP.

2. **Consortium**

2.1 ThePartiesdoherebyirrevocablyconstituteaconsortium(the"Consortium")forthepurposesofjointlyparticipatingintheBiddingProcessfortheProject.

2.2 ThePartiesherebyundertaketoparticipateintheBiddingProcessonlythroughthisConsortiumandneitherindividuallynorthroughanyotherconsortiumconstitutedforthisProject,eitherdirectlyorindirectlyorthroughanyoftheirAssociates.

4. **RoleoftheParties**

ThePartiesherebyundertaketoperformtherolesandresponsibilitiesasdescribedbelow:

(a)PartyoftheFirstPartshallbethe   Leadmemberof   the   Consortiumandshall   have thepowerofattorneyfromallPartiesforconductingallbusinessforandonbehalfoftheConsortiumduringtheBiddingProcessanduntiltheAppointedDateundertheConcessionAgreementwhenalltheobligationsoftheConsortiumshallbecomeeffective;

(b)PartyoftheSecondPartshallbe--

5. **JointandSeveralLiability**

ThePartiesdoherebyundertaketobejointlyandseverallyresponsibleforallobligationsandliabilitiesrelatingtotheProjectandinaccordancewiththetermsoftheRFPandtheConcession

Agreement,tillsuchtimeastheFinancialClosefortheProjectisachievedunderandinaccordancewiththeConcessionAgreement.

6. **ShareholdingintheConsortium**

6.1 ThePartiesagreethattheproportionofshareholdingamongthePartiesintheConsortiumshallbeasfollows:

FirstParty:Atleast51%SecondP

arty:atleast26%

6.2 ThePartiesundertakethattheyshallcomplywithallequitylock-inrequirementssetforthintheConcessionAgreement.

Leadmember,atanypointoftimethroughouttheConcessionperiod,cannotassignordelegateitsrights,dutiesorobligationsundertheAgreement.Othermemberoftheconsortium,atanygivenpointoftime,mayassignordelegateitsrights,dutiesor obligationsundertheAgreementexceptwithpriorwrittenconsentoftheGSCDCL.Insuchcase,substitutemembershallbeofatleastequal,intermsofTechnicalCapacityand/orFinancialCapacity,asthecasemaybe,totheConsortiumMemberwhoissoughttobesubstitutedandthemodifiedConsortiummembershallcontinuetomeetthepre-qualificationandshort-listingcriteriaforBidders.

TheleadmemberwillremainresponsibleforsuccessfuldeliveryoftheprojectatalltimesthroughouttheConcessionperiod.AllthemembersshallcomplywiththefollowingadditionalRequirements:

(i) numberofmembersinaconsortiumshallnotexceed2(two);

(ii) theApplicationshouldcontaintheinformationrequiredforeachmemberoftheConsortium;

(iii) MembersoftheConsortiumshallnominateonememberastheleadmember(the"LeadMember"),whoshallhavehighestequityshareholdinginconsortiumandshallhaveanequityshareholdingofatleast34%(thirtyfourpercent)ofthepaidupequityoftheConsortium.Thenomination(s)shallbesupportedbyaPowerofAttorney,aspertheformatatAnnexure-9,signedbyalltheothermembersoftheConsortium;

(iv) theApplicationshouldincludeabriefdescriptionoftherolesandresponsibilitiesofindividualconsortiummembers,particularlywithreferencetofinancial,technicalandO&Mobligations;

(v) AnindividualBiddercannotatthesametimebememberofaConsortiumapplyingforthisproject.Further,amemberofaparticularBidderConsortiumcannotbememberofanyotherBidderConsortiumapplyingforthisproject;

(vi) undertakethateachofthemembersoftheConsortiumshallhaveanindependent,definiteandseparatescopeofworkwhichwasallocatedaspereachmember'sfieldofexpertise;

(vii) committotheprofitandlosssharingratiooofeachmember;committhatscope of work,rights,obligationsandliabilitiestobeheldbyeachmember;specificallycommitthattheLeadMembershall beanswerableonbehalfofothermembersfortheperformanceofobligationsunderthisAgreement,

(viii) includeastatementtotheeffectthatallmembersoftheConsortiumshallbeseverallyliableforallobligationsinrelationtotheAssignmentuntilthecompletionoftheAssignmentinaccordancewiththeAgreement

(ix) MembersoftheConsortiumshallenterintoabindingJointBiddingAgreement,substantiallyintheformspecifiedatAnnexure-10(the"JointBiddingAgreement"),forthepurposeofmakingtheApplicationandsubmittingaBidintheeventofbeingshort-listed.TheJointBiddingAgreement,tobesubmittedalongwiththeApplication,shall,interalia,state:

(a) thatnotwithstandinganythingcontrarycontainedinthisRFPortheAgreement,theLeadMembershallalwaysbeliableforobligationsofalltheConsortiumMembersi.e.forbothitsownliabilityaswellastheliabilityofotherMembers;

(b) thattheLeadMembershallbeliablefortheentirescopeofworkandrisksinvolvedandfurthershallbeliablea ndresponsibleforensuringtheindividualandcollectivecommitmentofeachoftheMembersoftheConsortiumi ndischargingalloftheirrespectivegeneralobligationsunderthisAgreement;

(c) thateachMemberfurtherundertakestobeindividuallyliablefortheperformanceofitspartoftheobligations withoutinanywaylimitingthescopeofcollectiveliabilityenvisagedintheAgreement

(d) thattheMembersoftheConsortiumshallalonebeliableforallobligationsof theidentifiedsub-contractorandclearlyindemnify theGSCDCLagainstany losses orthirdpartyclaimsarisingduetothesub-contractor/consortium'sdefault

(e) thattheproposedrolesandresponsibilities,ifany,ofeachmember;(f)theminimumequitystakecommitme nt,tobeheldbyeachmember;

(f) ThatmembersoftheConsortiumshallnotdilutetheirequitystackintheConsortiumthroughouttheConce ssionperiod.

(g) IncludeastatementtotheeffectthatallmembersoftheConsortiumshallbeliablejointlyandseverallyforallo bligationsof theConcessionaireinrelationtotheProjectuntilthe FinancialCloseoftheProjectisachievedinaccordancewiththeConcessionAgreement;

7. **RepresentationoftheParties**

EachPartyrepresentstotheotherPartiesasofthedateofthisAgreementthat:

(a) SuchPartyisdulyorganised,validlyexistingandingoodstandingunderthelawsof itsincorporationandhasallrequisitepowerandauthoritytoenterintothisAgreement;

(b) Theexecution,deliveryandperformancebysuchPartyofthisAgreementhasbeenauthorisedbyallnecessa ryandappropriatecorporateorgovernmentalactionandacopyoftheextractofthecharterdocumentsandboar dresolution/powerofattorneyinfavourofthepersonexecutingthisAgreementforthedelegationofpoweranda uthoritytoexecutethisAgreementonbehalfoftheConsortiumMemberisannexedtothisAgreement,andwillno t,tothebestofitsknowledge:

(I)requireanyconsentorapprovalnotalreadyobtained;

(ii) ViolateanyApplicableLawpresentlyineffectandhavingapplicabilitytoit;

(iii) Violatethememorandumandarticlesofassociation,by-lawsorotherapplicableorganisationaldocumentsthereof;

(iv) violateanyclearance,permit,Authorisation,grant,licenseorothergovernmentalauthorisation,approval ,judgment,orderordecreeoranymortgageagreement,indentureoranyotherinstrumenttowhichsuchPartyis apartyorbywhichsuchPartyoranyofitspropertiesorassetsareboundorthatisotherwiseapplicabletosuchPar ty;or

(v) createorimposeanyliens,mortgages,pledges,claims,securityinterests,chargesorEncumbrancesorobl igationstocreatealien,charge,pledge,securityinterest,encumbrancesormortgageinoron thepropertyofsuchParty,except forencumbrances thatwouldnot, individuallyorintheaggregate,haveamaterialadverseeffectonthefinancialconditionorprospectsorbusiness ofsuchPartysoastopreventsuchPartyfromfulfillingitsobligationsunderthisAgreement;

(c) ThisAgreementisthelegalandbindingobligationofsuchParty,enforceableinaccordancewithitstermsaga instit;and

(d) thereisnolitigationpendingor,tothebestofsuchParty'sknowledge,threatenedtowhichitoranyof itsAffiliatesisapartythatpresentlyaffectsorwhichwouldhaveamaterialadverseeffectonthefinancialconditio norprospectsorbusinessofsuchPartyinthefulfilmentofitsobligationsunderthisAgreement.

8. **Termination**

This Agreement shall be effective from the date thereof and shall continue in full force and effect until the closure of the Project is achieved under and in accordance with the Concession Agreement, in case the Project is awarded to the Consortium. However, in case the Consortium is either not qualified for the Project or does not get selected for award of the Project, the Agreement will stand terminated in case the Bidder is not qualified or upon return of the EMD/Bid Security by the GSCDCL to the Bidder, as the case may be.

9. Miscellaneous

9.1 This Joint Bidding Agreement shall be governed by law of {India}.

9.2 The Parties acknowledge and accept that this Agreement shall not be amended by the Parties without the prior written consent of the GSCDCL.

IN WITNESS WHEREOF THE PARTIES ABOVE NAMED HAVE EXECUTED AND DELIVERED THIS AGREEMENT AS OF THE DATE FIRST ABOVE WRITTEN.

SIGNED, SEALED AND DELIVERED and on behalf of

LEAD MEMBER by:

(Signature)

(Name)

(Designation)(Addre

ss)

SIGNED, SEALED AND DELIVERED For and on behalf of THIRD PART by:(Signat

ure)

(Name)(Designation

)(Address)

SIGNED, SEALED AND DELIVERED For for and on behalf of

SECOND PART by:

In the presence of:
1.

2.

Notes:

1. The mode of the execution of the Joint Bidding Agreement should be in accordance with the procedure, if any, laid down by the Applicable Law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.

2. Each Joint Bidding Agreement should attach a copy of the extract of the charter documents and documents such as resolution/power of attorney in favour of the person executing this Agreement for the delegation of power and authority to execute this Agreement on behalf of the Consortium Member.

3. For a Joint Bidding Agreement executed and issued overseas, the document shall be legalised by the Indian Embassy and notarised in the jurisdiction where the Power of Attorney has been executed.

Annexure 10 – Format of Bank Guarantee

(To be executed on requisite Stamp Paper)

WHEREAS, (Name of the Bidder) wishes to submit his Bid for the selection of Concessionaire for, Request for Prop

osalforSelectionof ConcessionaireforDesign,Development,Implementation,OperationandMaintenanceofParkingGuidanceandManagementSolutionforonstreet,offstreet,multi-levelParkingSpacesinGSCDCLareaonPPPmodelhereinaftercalled"Bid".

KNOWALLMENbythesepresentsthatwe(Nameofbank)of(cityandcountry)havingourregisteredofficeat____
_____(hereinaftercalled"theBank")areirrevocablyandunconditionallyboundtotheGwaliorsmartCityDevelopmentCorporationLtd.oritssuccessor,(hereinafterreferredtoas"GSCDCL"inthesumofRupeesFortyLakhsonly(Rs.40,00,000/-)whichpaymentcantrulybemadetoGSCDCL.TheBankbindsthemselves,theirsuccessorsandassigns   by thesepresents.SealedwiththeCommonSealoftheBankthisdayof,
_____2017

THECONDITIONSofthisobligationare:

(a) IftheBidderwithdrawshisBidatanytimeduringthestipulatedperiodofBidValidityspecifiedintheRFPdocumentand;or

(b) IftheBidder,fortheperiodoftheBidValidityasperRFPdocumentinGSCDCL'sopinion,commitsamaterialbreachofanyofthetermsand/orconditionscontainedintheRFPDocumentsand/orsubsequentcommunicationfromGSCDCLinthisregard;or

(c) IftheBidder,refusestoacceptthecorrectionoferrorsintheBid;or

(d) IftheBidder,havingbeennotifiedoftheacceptanceofitsBidbytheGSCDCLfailsorrefusestocomplywiththefollowingrequirements:

• PayeithertheperformancesecurityofthefirstinstalmentoftheConcessionfeeasspecifiedinClause5.4.1oftheRFPdocumenttoGwaliorSmartcityDevelopmentCorporationsLtd.(GSCDCL)

• SigntheConcessionagreementasprovidedintheRFPDocument

Weagreeandundertake,absolutely,irrevocablyandunconditionallytopaytotheGSCDCL,asthecasemaybe,theaboveamountwithoutprotest,delayordemuruponreceiptofGSCDCL'sfirstwrittendemand,withouttheGSCDCLhavingtosubstantiateitsdemand,providedthatinitsdemandtheGSCDCLwillnotethattheamountclaimedbyitisduetoitowingtotheoccurrenceofoneormoreoftheconditionssetoutabove,specifyingtheoccurredconditionorconditions.

TheGuaranteewillremaininforceuptoandincludingthedateofexpiryoftheperiodofBidValidityasstatedintheRFPDocumentorasextendedbyGSCDCLatanytimeasperRFP,noticeofwhichextensiontotheBankbeingherebywaived.

Providedhowever,thatIntheeventthatthisBidderisselectedforawardoftheprojectthroughtheissueoftheLetterofAllotment,theEMDshallremaininforceuntilthedateofsigningofagreementbysuchBidder

OR

IntheeventthisBidderisnotselectedforawardoftheProject,theGuaranteeshallremaininforceuptoandincludingaperiodof60daysaftertheexpirationofthebidvalidityperiodorsigningoftheagreement,whichislater.

AnydemandinrespectofthisGuaranteeshouldreachtheBanknotlaterthanthedateofexpiry(asdefinedabove)ofthisGuarantee.

The exclusive jurisdiction in relation to this Guarantee shall be the courts of Gwalior and the Indian law shall be applicable.

SIGNATURE OF AUTHORISZED

REPRESENTATIVE OF THE BANK_

_____N

AME AND DESIGNATION

_____SE

AL OF THE BANK_____

_____N

AME OF THE WITNESS_____

_____A

DDRESS OF THE WITNESS _____

Annexure11–StatementofLegalCapacity

(TobeforwardedontheletterheadoftheBidder/LeadMemberofConsortium)

Ref.Date:To,

****

***********De

arSir,

Wehereby confirm thatwe/ourmembersin the Consortium(constitutionofwhichhasbeendescribedintheapplication)satisfythetermsandconditionslaidoutintheRFPdocument.

Wehaveagreedthat…………………(insertmember'sname)willactastheLeadMemberofourconsortium.*

Wehaveagreedthat…………………(insertindividual'sname)willactasourrepresentative/willactastherepresentativeoftheconsortiumonitsbehalf*andhasbeendulyauthorisedtosubmittheRFP.Further,theauthorisedsignatoryisvestedwithrequisitepowerstofurnishsuchletterandauthenticatethesame.

Thankingyou,

Yoursfaithfully,(Signature,nameanddesignationoftheauthorisedsignatory)Forandonbehalfof………………………………

Pleasestrikeoutwhicheverisnotapplicable.

Annexure12–GeneralInformation

BiddersInformationSheet

Sr. No	Description	
1	NameofBidder/ConsortiumPartners	
2	Headofficeaddress	
3	ContactNo:	
4	MobileNo:	
5	Fax No:	
6	Emailid:	
7	Placeofincorporation	
8	GSTIN	
9	PAN	
10	TAN	
11	Yearofincorporation	
12	RegistrationNumber	

STRUCTUREANDORGANIZATION

1.   **TheBidderis:**_____

a) anindividual

b) apartnershipfirm

c) aCompany

d) Co-operativesociety

2.
      AttachtheorganisationChartshowingthestructureoftheOrganisation,includingtheNamesoftheDirectorsandPositionofoffers.

3.   **AverageAnnualTurnOver**

Year	AnnualTurnOverinRs.AsperBalanceSheetorIncometaxClearanceReturns
2013-2014	Rs.
2014-2015	Rs.
2015-2016	Rs.
2016-2017	Rs.
Total	

AverageAnnualturnoverinatleastlastthreeconsecutivefinancialyearsprecedingfinancialyears;2013-14,2014-15,2015-16and2016-17isRs_____(in   words)

_____

NOTE:Theabovedataistobesupportedbyauditedbalancesheets/ITR's.

Annexure 13 – Format for Power of Attorney for Signing Application/Proposal (On a Non-

Judicial Stamp Paper of Rs. 100 duly attested by notary public)

POWER OF ATTORNEY

Know all men by these presents, we (name and address of the registered office) do hereby constitute, appoint and authorise Mr./Ms.

_____(name and address of residence) who is presently employed with us and holding the position of as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our Application/Proposal for the **Selection of Concessionaire for Design, Development, Implementation, Operation and Maintenance of Smart Parking Solution for On Street, Off Street and Multi-Level Parking in Gwalior on PPP Model in Gwalior**, including signing and submission of all documents and providing information/responses to GSCDCL, representing us in all matters before Government of Madhya Pradesh, and generally dealing with GSCDCL in all matters in connection with our proposal for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Executant Signature

I Accept   (Name, Title and Address)

Attorney Signature

(Name, Title and Address of the Attorney)

Attested

Executant

Notes:

1. To be executed by the sole Bidder.
2. The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be submitted under common seal affixed in accordance with the required procedure.

3. Also, the executant(s) should submit for verification, the extract of the charter documents and documents such as a resolution/power of attorney in favour of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.

Annexure14–FormatforAnti-CollusionCertificate(OntheLetterheadoftheBidder/LeadMember)

WeherebycertifyandconfirmthatinthepreparationandsubmissionofthisApplication,wehavenotactedincon certorincollusionwithanyotherBidderorotherperson(s)andalsonotdoneanyact,deedorthingwhichisorcoul dberegardedasanti-competitive,restrictiveormonopolistictradepractice.

Wefurtherconfirmthatwehavenotofferednorwillofferanyillegalgratificationincashorkindtoanypersonorag encyinconnectionwiththeinstantApplication.

DatedthisDayof,2017

NameoftheBidder

_____

SignatureoftheAuthorisedPerson

_____

NameoftheAuthorisedPerson

Annexure 15 – Format for Project Undertaking

(On the Letterhead of the Bidder or each member of the Bidder in case of Consortium)

Date:

Executive Director,

Gwalior Smart City Development Corporation Limited (GSCDCL), Gwalior Municipal Corporation,

Narayan Krishna Shejwalkar Bhawan, City Center, Gwalior-

474011, Madhya Pradesh.

Dear Sir,

Re: ***"Selection of Concessionaire for Design, Development, Implementation, Operation and Maintenance of Smart Parking Solution for On Street, Off Street and Multi-Level Parking in Gwalior on PPP Model"***.

We have read and understood the RFP Document in respect of the captioned Project provided to us by GSCDCL.

We hereby agree and undertake as under:

(a) Notwithstanding any qualifications or conditions, whether implied or otherwise, contained in our Application we hereby represent and confirm that our Application is unconditional in all respects.

(b) We are not barred by GSCDCL, Government of India, Government of Madhya Pradesh, or any state government or any of their agencies from participating in similar projects.

Dated this_____Day of

_____,2017. Name of the Bidder

_____

Signature of the Authorised Person

_____

Name of the Authorised Person

Annexure16–FormatforAffidavit

(AffidavitshouldbeexecutedonaNonJudicialstamppaperofRs.100/-orsuchequivalentdocumentdulyattestedbyNotaryPublic)

A.I,theundersigned,doherebycertifythatallthestatementsmadeintheApplicationaretrueandcorrect.

B.TheundersignedalsoherebycertifiesthatneitherM/s...noranyofitsdirectors/constituentpartnershaveabandonedanyworkinGwaliororinMadhyaPradeshnoranycontractawardedtousforsuchworkshavebeenterminatedforreasonsattributed
tous,duringlastfiveyearspriortothedateofthisApplicationnorhavebeenblacklistedorbarredbyMunicipalCorporationGwaliorfromparticipatingin   anyprojects   of   BuiltOperateTransfer(BOT)
orotherwiseorhaveneverdefaultedanytaxanddutiesofGSCDCL.

C.TheundersignedalsoherebycertifiesthatneitherM/s...   nor
anyofitsdirectors/constituentpartnershaveabandonedanyworkinIndiaand/abroadnoranycontractawardedtousforsuchworkshavebeenterminatedforreasonsattributedtous,duringlastfiveyearspriortothedateofthisApplicationnorhavebeenbarredbyanyagencyofGOIorGovt.ofMadhyaPradeshfromparticipatinginanyprojectsofBOTorotherwise.

D. Theundersignedherebyauthorise(s)andrequest(s)anybank,person,firmorcorporationtofurnishpertinentinformationdeemednecessaryasrequestedbyGSCDCLtoverifythisstatementorregardingmy(our)competenceandgeneralreputation

E. Theundersignedunderstandsandagreesthatfurtherqualifyinginformationmayberequested,andagreestofurnishanysuchinformationattherequestoftheGSCDCL.

SignedbyanauthorisedofficeroftheBidderDesignationofof

ficer

NameofBidder

Date

<div align="center">**Annexure 17 – Commercial Bid Letter Format**

(On the Letter Head of the Bidder)</div>

<div align="right">**Date:**</div>

Executive Director

Gwalior Smart City Development Corporation Limited (GSCDCL), Gwa

lior Municipal Corporation,

Narayan Krishna Shejwalkar Bhawan, C

ity Center, Gwalior-

474011, Madhya Pradesh.

Sub: Submission of Commercial Bid for "Selection of Concessionaire for Design, Development, Implementation, Operation and Maintenance of Smart Parking Solution for On Street, Off Street and Multi-Level Parking in Gwalior on PPP Model".

Dear Sir,

I/We <name of the bidder> hereby submit our financial bid for the Request for Proposal for ***"Selection of Concessionaire for Design, Development, Implementation, Operation and Maintenance of Smart Parking Solution for on street and off street in Gwalior area on PPP model"*** as mentioned in the Bid within the time specified and in accordance with Terms and Conditions as well as Scope of work.

We have reviewed all the terms and conditions of the RFP document and undertake to abide by all the terms and conditions contained therein. We agree to pay GSCDCL a monthly 'Concession Fee' of ₹ _____ (Rupees in Words) or as suitably adjusted based on the conditions of contract. We will pay to GSCDCL every month the Concession Fee as quoted above throughout the Concession period from the date of go–live of the project which is 1 month after handing over of the agreed parking sites.

We hereby declare that there are, and shall be, no deviations from the stated terms in the RFP Document.

<div align="right">**SIGNATURE OF THE BIDDER**</div>

Name:

Full Address:

With Seal

Annexure19–ParkingLocationswithMaps,CapacityandOtherDetails

Fig.No.	LocationName	ParkingCode	Type	Capacity		AdvtSpace(sq mt)
				Two-wheeler	Car	
PACKAGEI–ABD						
CentralBusinessDistrict(CBD)						
1	DarjiOliAgrasenComplex	ON1	On-Street	35	6	
RestofAreaBasedDevelopment(ABD)						
2	Surya Narayan Mandir Parisar,Daulatganj	OFF5	Off-Street	57	7	100
3	MiniStadium,NearChattriBazaarMaidan Gate	ON2	On-Street	32	1	
4	BusParking,Aamkho	OFF6	Off-Street	0	80 (Buses)	100
5	ChamberofCommerceBoundaryWallParking	ON3	On-Street	0	16	
6	Katoratal	OFF7	Off-Street	80	19	100
7	AshokTravels,Kampoo	ON4	On-Street	40	2	
8	InFrontofAlankarHotel	ON5	On-andOff-Street	59	22	
9	BoundaryinfrontofDistrictcourtandBehindGirirajMandirParking	ON6	On-Street	0	16	

10	NayaBazaar,MultiLevelParking	MLCP1	MLCP	123	0	==100==
PACKAGEII-PanCity						
11	BehindRajeevPlaza	OFF8	Off-Street	0	26	==100==
12	Gandhi Prani Udyan, Phool Bagh,NaveenGate	ON7	On-Street	67	8	
13	ISBT, Bus Stand	OFF9	Off- Street	310	0	100
14	Chaupaati, Phoolbagh	OFF10	Off- Street	130	28	100
15	Maan Singh Mahal ,Gwalior Fort	OFF11	Off- Street	221	38	100
16	Kalyaan Memorial Hospital, Morar	OFF12	Off- Street	70	21	100
17	Scooter-Motorcycle Stand, Birlanagar and along Nalla	ON8	On- Street	71	5	100
18	Morar Girls College, RaamjaankiMandir.	OFF13	Off-Street	0	40	100
19	Rawaldas,PhoolBaghChauraha.	ON9	On-Street	28	6	
20	SanjayComplex(RoadAlongBoundarybetweenSanjayComplex&RajeevPlaza)	OFF14	Off-Street	18	7	100
21	NearDistricthighcourt,NearShedand InsideBarricades(GirirajMandir)	OFF15	Off-	83	0	100
22	From Baradari Chowk, Grover toUtkrishtaschool	ON10	On-Street	0	22	
23	SalasarMall,Multi-LevelParking(BlockAandB)	MLCP2	MLCP	212	260	100
24	Scooter-MotorcycleStand,Sabjimandi,Morar	ON11	On-Street	13	1	
Total				1,649	551 80Buses	1700

Note: *An indicative list of Parking lots is set out in this RFP. The number and location of the Parking Lots may vary. However in such an event, the rates quoted by the bidder shall be pro-rated by taking the number of parking slots into consideration.*

Figure 1 ParkingLocation: Site Photographs

**Figure 2 ParkingLocation: Site Photographs**
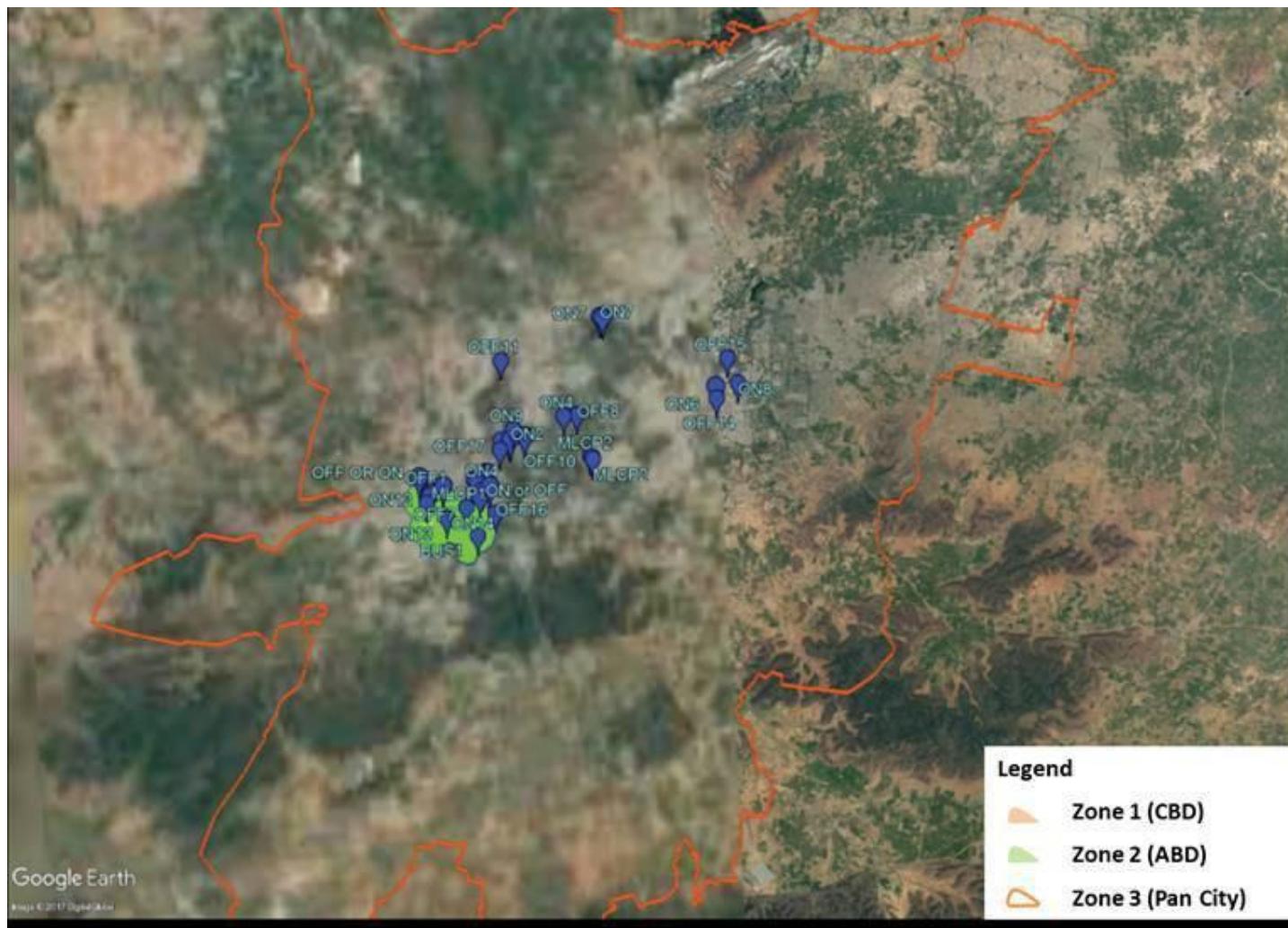
Figure 3 ParkingLocations

Figure 4 Parking Location: Darji Oli, Opposite Agrasen Complex, Near Maharaj Bada (On- Street)

Figure 5 Parking Location: Surya Narayan Temple Complex,Daulatganj Road (Off-Street)

Figure 6 Parking Location: Mini Hockey Stadium, Chattri Bazaar (On-Street)

Figure 7 Parking Location: Outside, Chamber ofCommerce, Near Inderganj Chauraha(On-Street)

Capacity – 80 Two wheelers, 19 Cars
Landmark – In front of Katora Tal

Legend

Parking Lot/Area

Figure 8 Parking Location: KatoralTal, RajpathMarg (Off-Street)

Capacity – 40 Two Wheelers, 2 Cars
Landmark – Opposite Ashok Travels, Kampoo Road

Legend

Parking Lot/Area

Figure 9 Parking Location: InFrontof Ashoka Travels, Kampoo (On-Street)

Figure10ParkingLocation:In Frontof Alankar Hotel, HospitalRoad (On-Street)

Figure 11 Parking Location: Outside High Court, Near Inderganj Chauraha (On-Street)

Capacity –123 Two Wheelers
Landmark – MLCP Along Rajpayga Road, near Naya Bazaar Chauraha

Figure 12 Parking Location: Naya Bazaar Multi LevelParking, Rajpayga Road (Off-Street,MultiLevelParking))

**BASEMENT FLOOR PLAN**
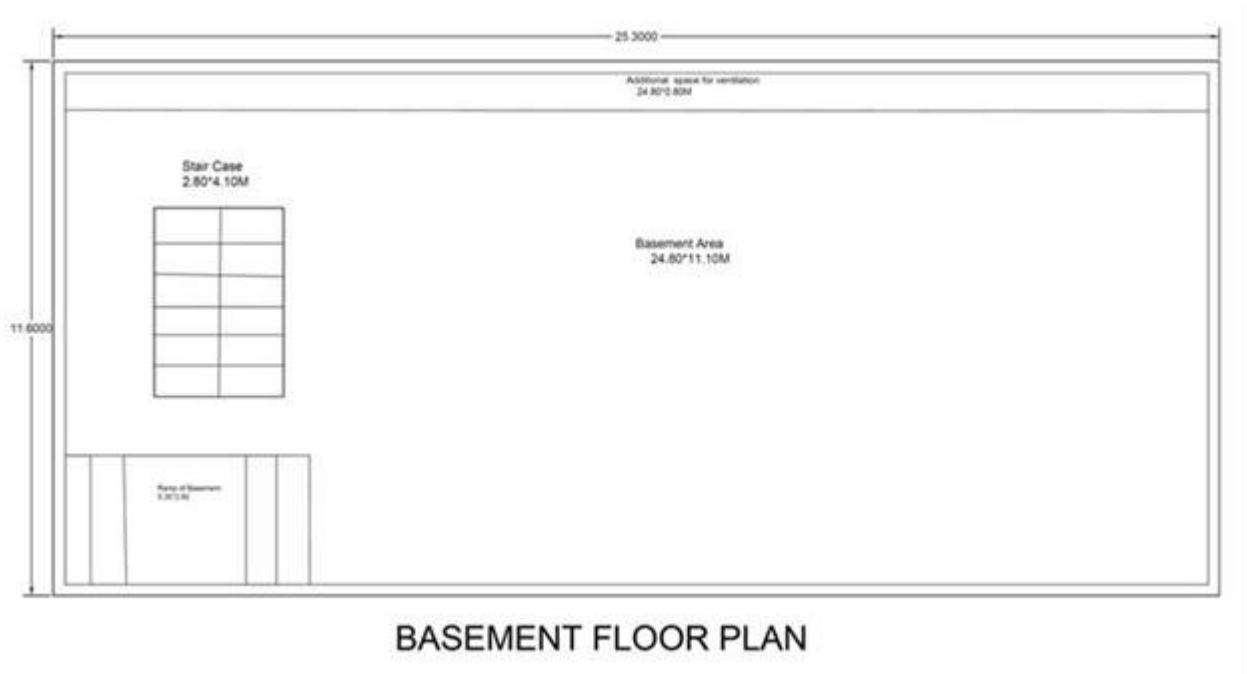
Figure 13 Parking Location: Basement FloorPlan, Rajpayga Multi LevelParking
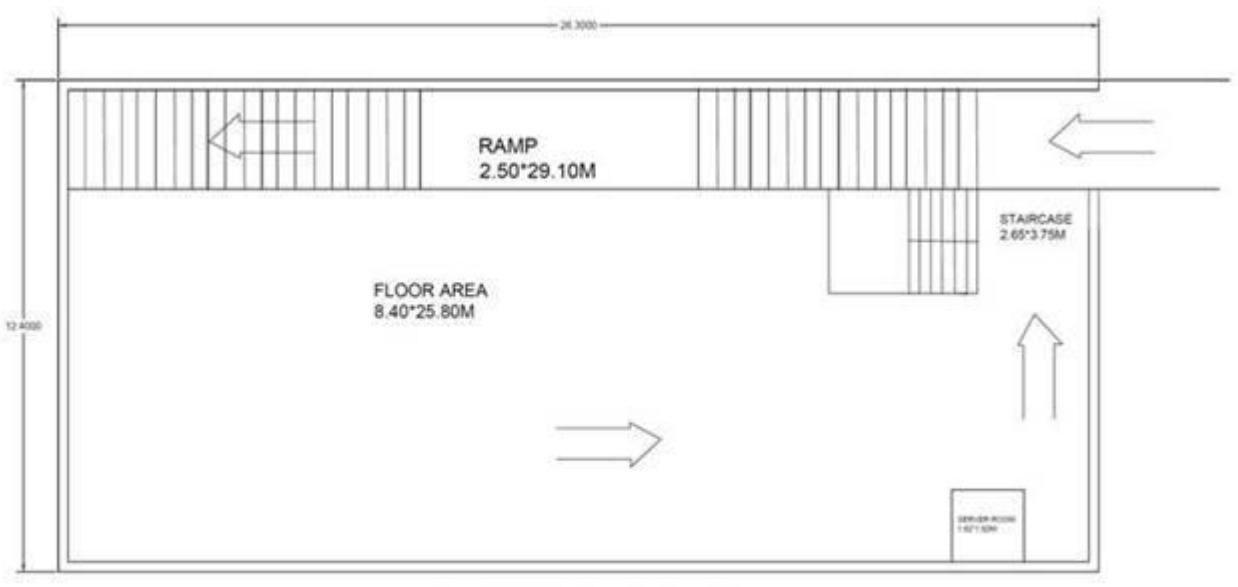
**Figure 14 Parking Location: First Floor Plan, Rajpayga Multi LevelParking**
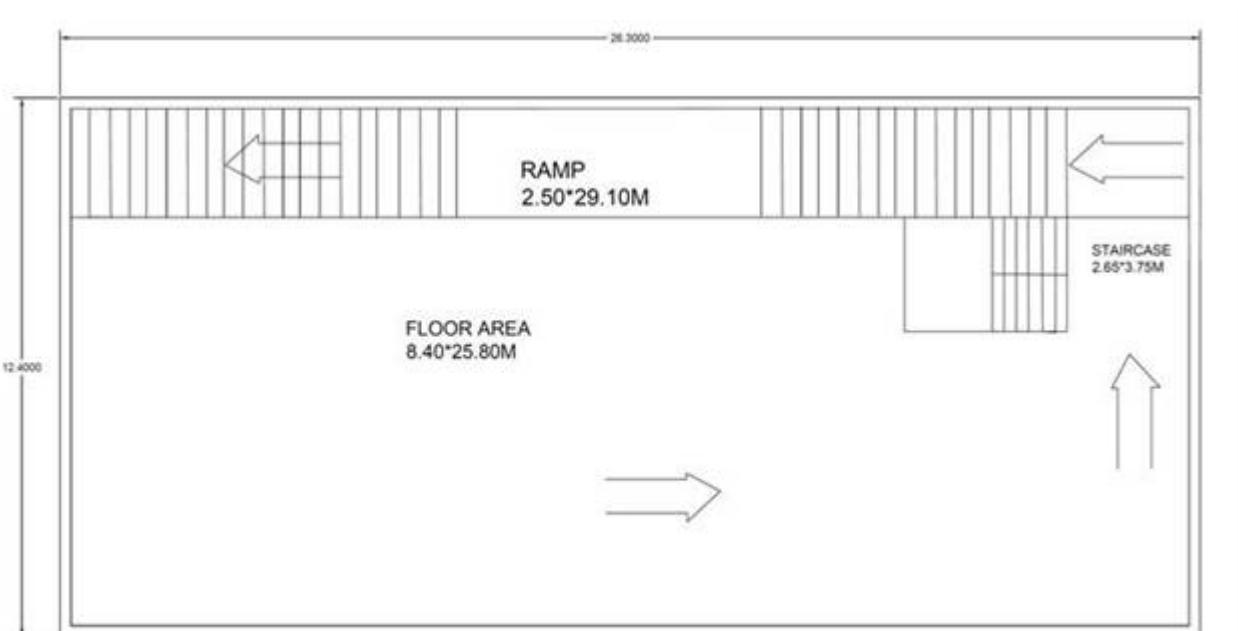
Figure 15 Parking Location: Second Floor Plan, RajpaygaMultiLevelParking
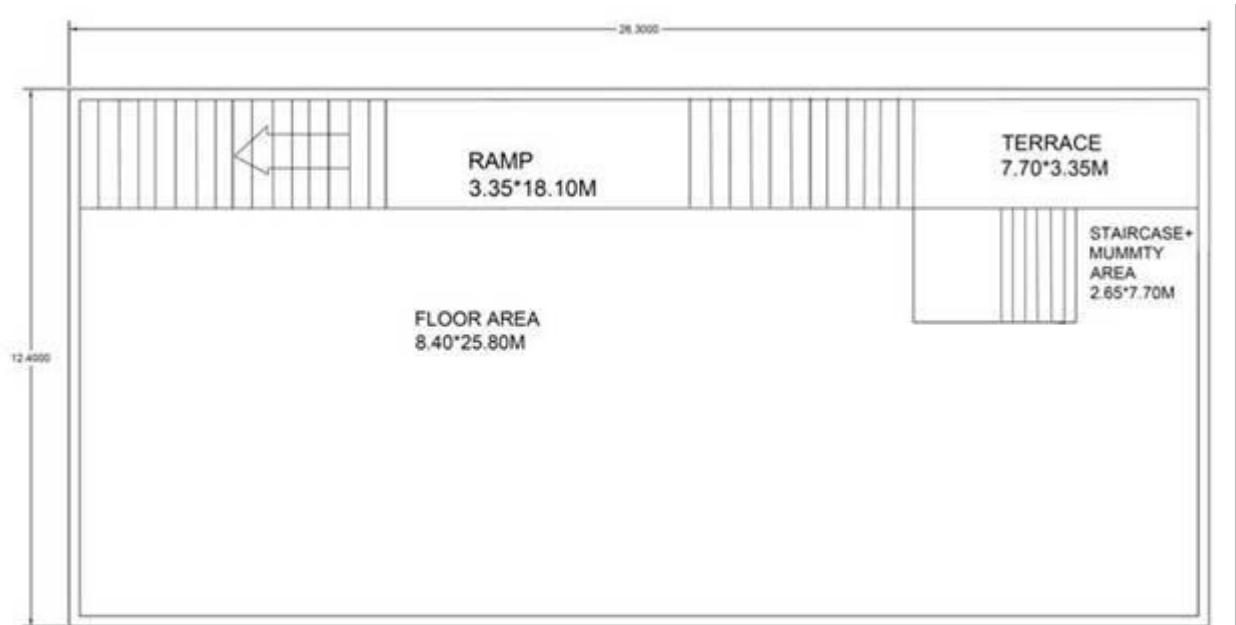
Figure 16 Parking Location: Second Floor Plan, RajpaygaMultiLevelParking
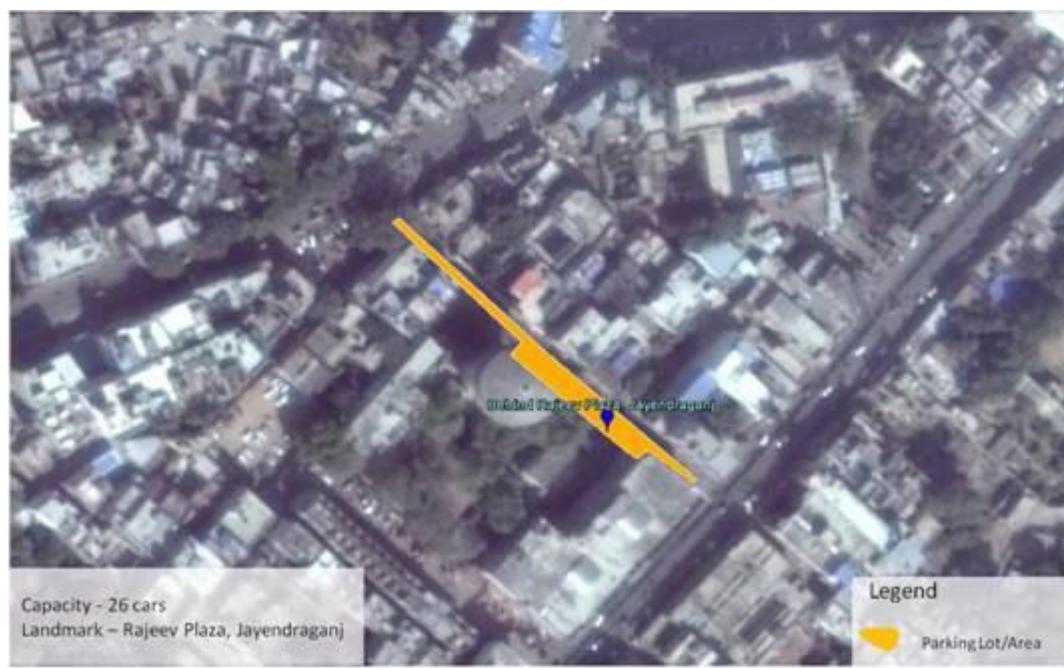
Figure 17 Parking Location: Behind RajeevPlaza, Jayendraganj (Off-Street)

Capacity – 67 Two Wheelers, 8 Cars
Landmark – Gandhi Prani Udyan, New Gate

Legend

Parking Lot/Area

Figure 18 Parking Location: Gandhi Prani Udyan, Phool Bagh (On-Street)

Capacity – 310 Two Wheelers
Landmark – ISBT Parking, Near Railway Station

Legend

Parking Lot/Area

Figure 19 Parking Location: ISBT - Gwalior

Capacity –130 Two Wheelers, 28 Cars
Landmark – Chaupaati, Phoolbagh

Legend

Parking Lot/Area

Figure 20 Parking Location: Chaupatti Phoolbagh (Off-Street)

Capacity –221 Two Wheelers, 38 Cars
Landmark – Parking Near Maan Singh Mahal ,Gwalior Fort

Legend

Parking Lot/Area

Figure 21Parking Location: Maan Singh Mahal, Gwalior Fort (Off-Street)

Figure 22Parking Location: Kalyan MemorialHospital, Morar (Off-Street)

Capacity – 70 Two Wheelers, 21 Cars
Landmark – Outside Kalyan Memorial Hospital, Behat Road

Legend

Parking Lot/Area

Figure 23 Parking Location: Two-Wheeler Stand, Birlanagar Railway Station (On-Street)

Capacity – 71 Two Wheelers, 5 Cars
Landmark – Subzi Mandi, Birla Nagar

Legend

Parking Lot/Area

Proposed Additional Parking Area

Figure 24 Parking Location: Outside Girls College, Morar(Off-Street)

Figure 25 Parking Location: Rawaldas,Phool Bagh Chauraha

Capacity – 18 Two Wheelers, 7 Cars
Landmark – Road Between Sanjay Complex & Rajeev Plaza

Legend

Parking Lot/Area
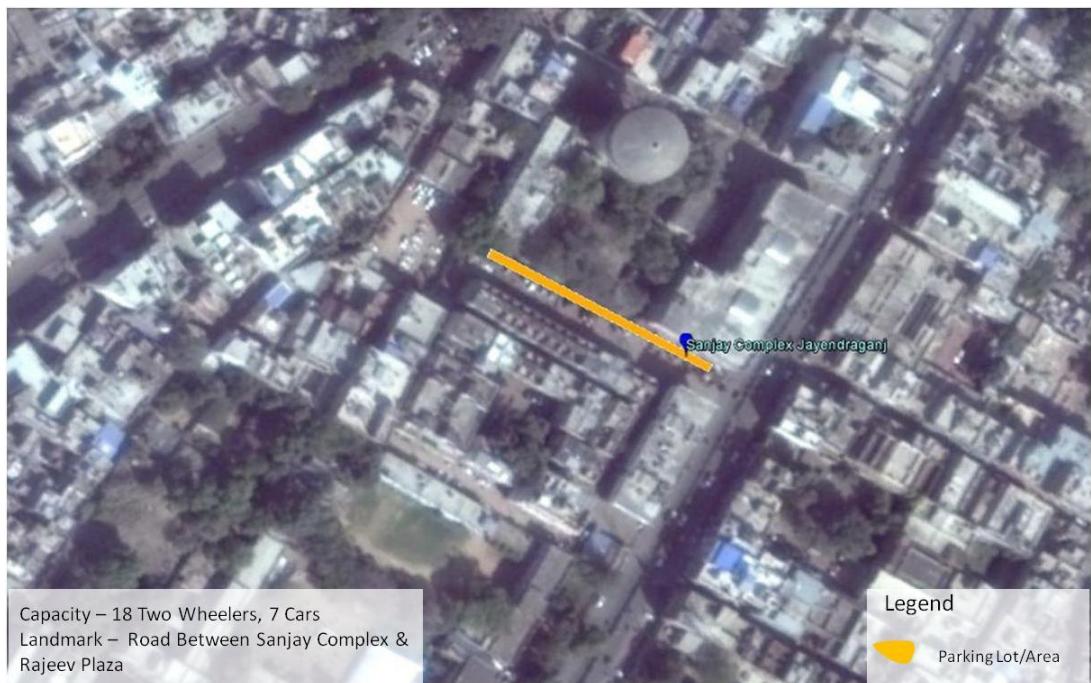
Figure 26 Parking Location: SanjayComplex,Jayendraganj (Off-Street)

Capacity – 83 Two-wheelers
Landmark – Behind Giriraj Mandir, Near Inderganj Chauraha

Legend

Parking Lot/Area

No Parking Area

Figure 27 Parking Location: In Barricades behind Giriraj Mandir, Near PhoolBaghChauraha (Off-Street)

Capacity – 22 Cars
Landmark – Grover Hospital, Baradari Chauraha-Morar

Legend

Parking Lot/Area

Figure 28 Parking Location: Grover Hospitalto UtkrishtaSchool, Morar (On-Street)

Capacity – 212 Two Wheelers, 260Cars
Landmark – MLCP Behind Salasar Mall/Gold Cinemas

Legend

Parking Lot/Area

No Parking Area

Figure 29Parking Location: Salasar MultiLevelParking
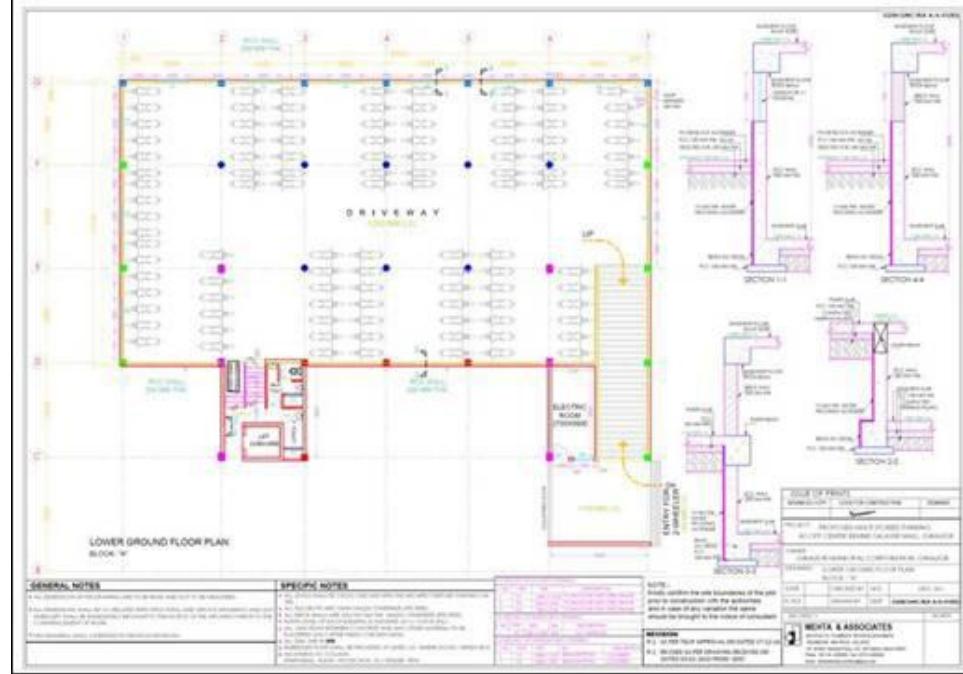
**Figure 30 Parking Location: Salasar Multi LevelParking (Basement-Block A)**
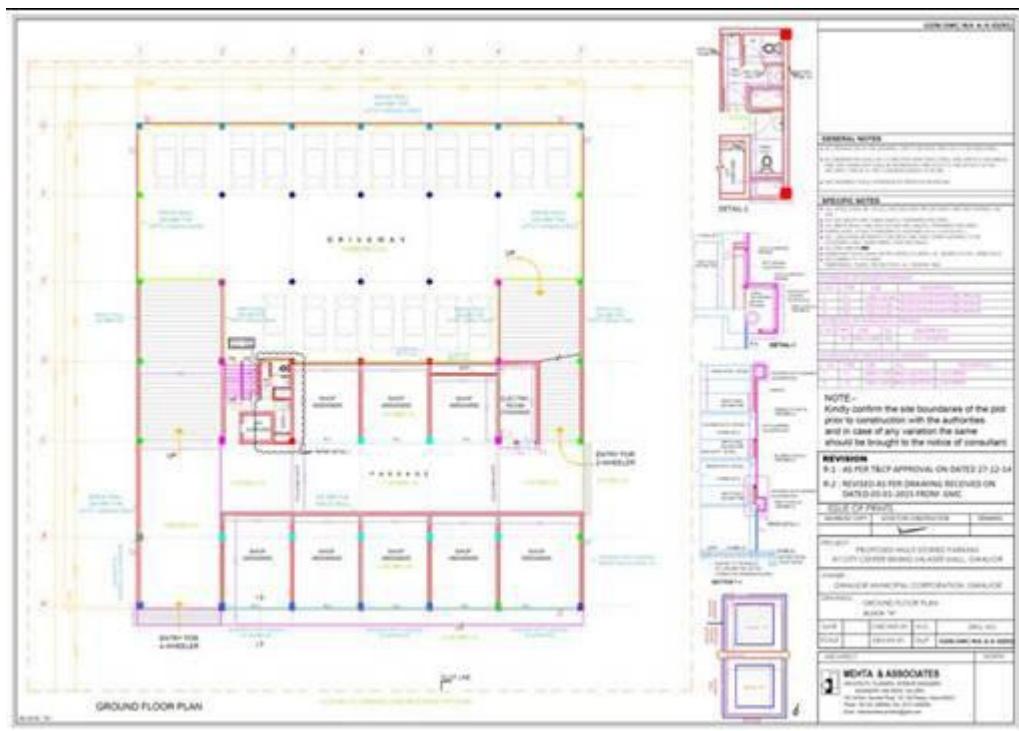
Figure 31Parking Location: Salasar MultiLevelParking (Ground Floor-BlockA)
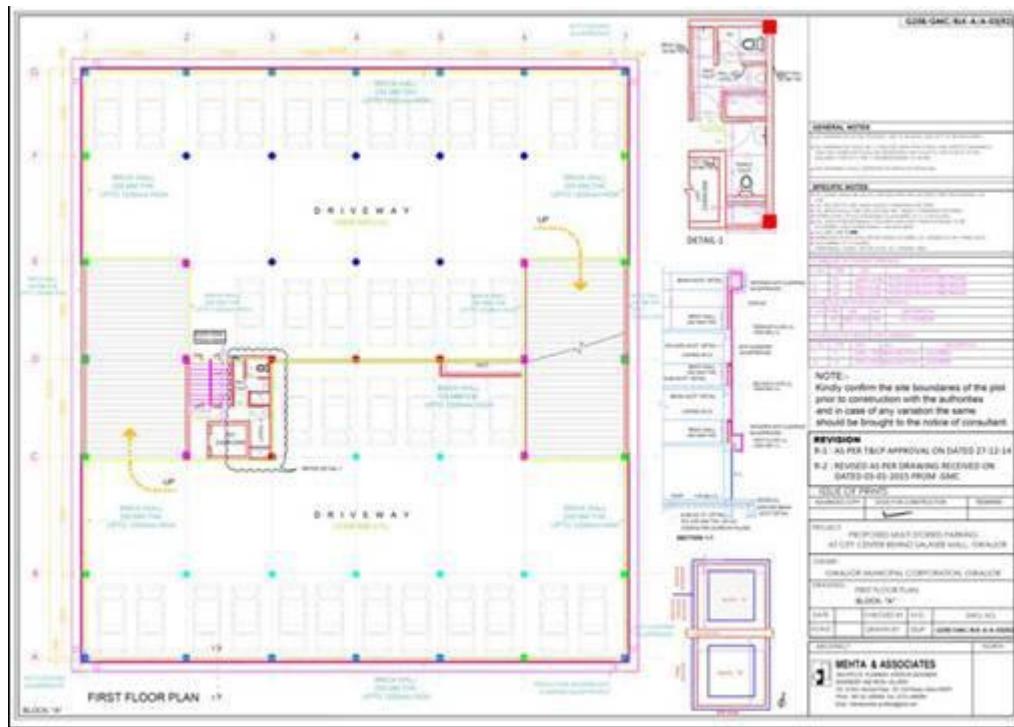
Figure32ParkingLocation: Salasar Multi Level Parking(FirstFloor-BlockA)
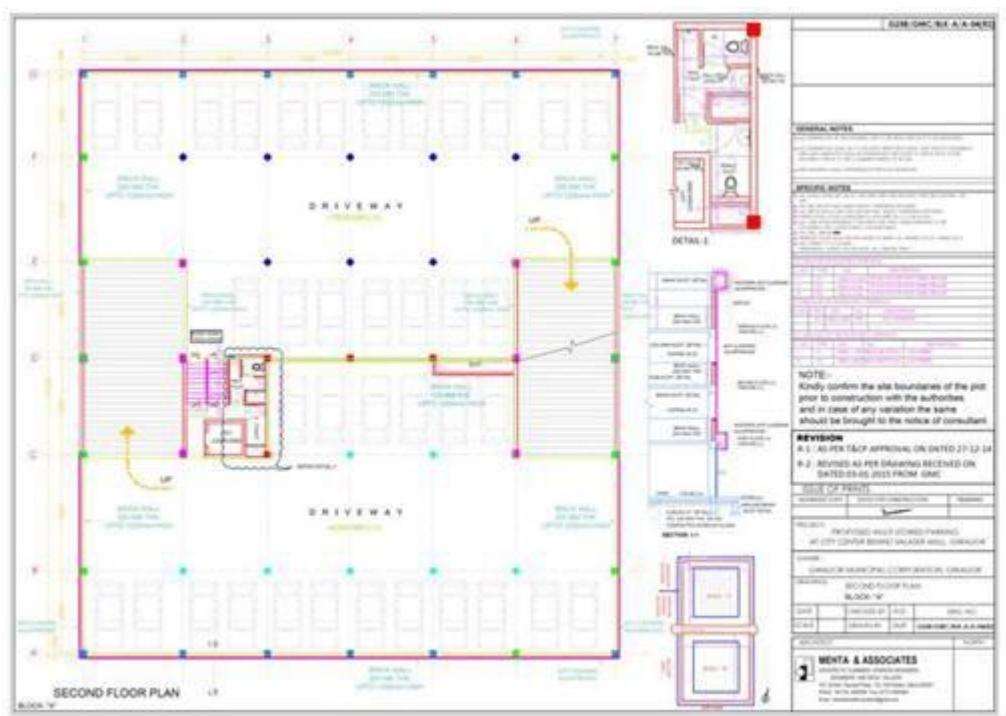
Figure 33Parking Location: Salasar MultiLevelParking (Second Floor-BlockA)
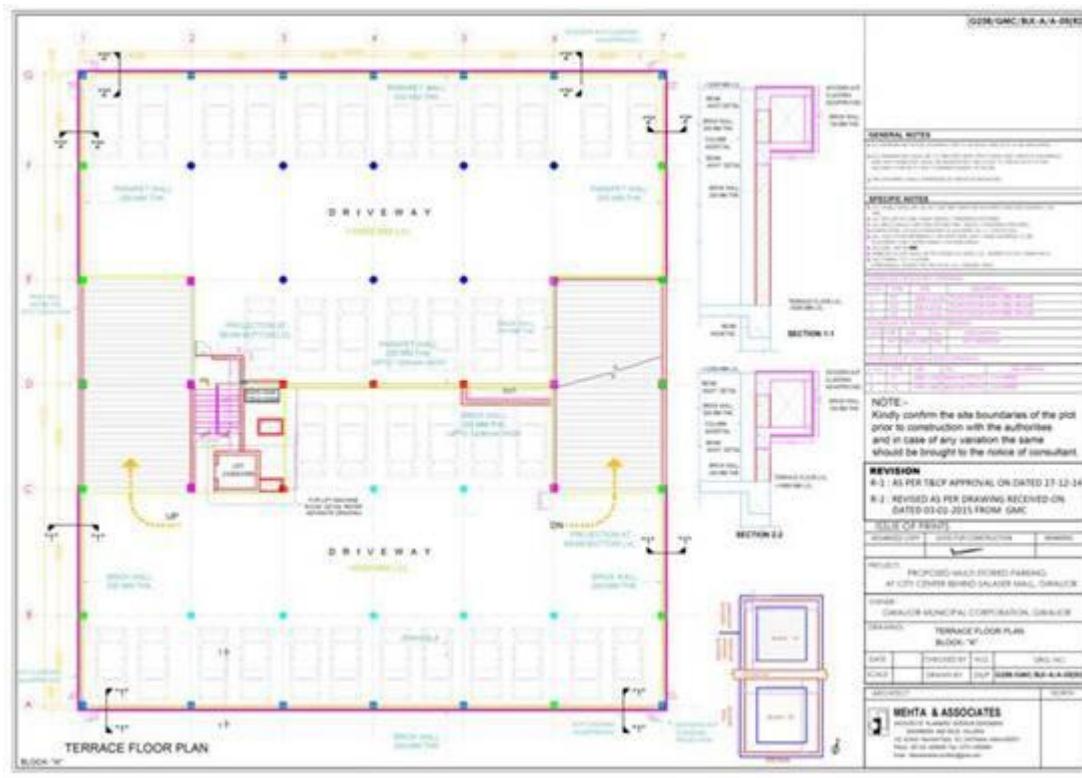
**Figure 34 Parking Location: Salasar Multi LevelParking (Terrace Floor-Block A)**
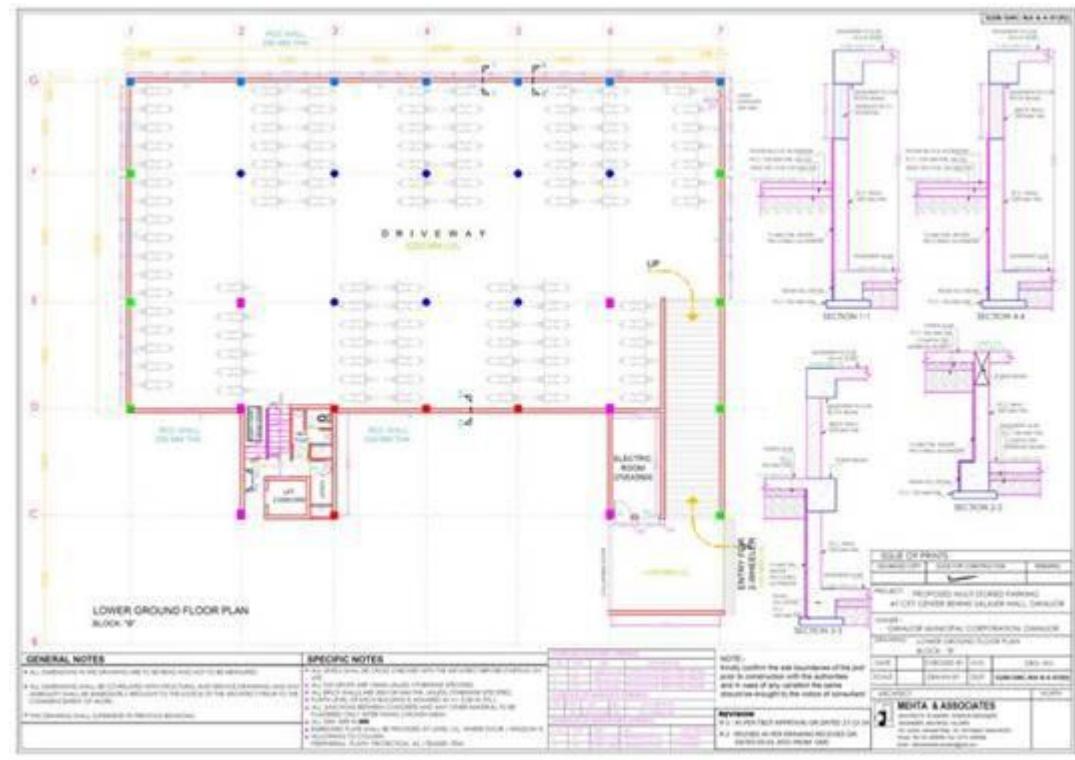
**Figure 35 Parking Location: Salasar Multi LevelParking (Basement-Block B)**
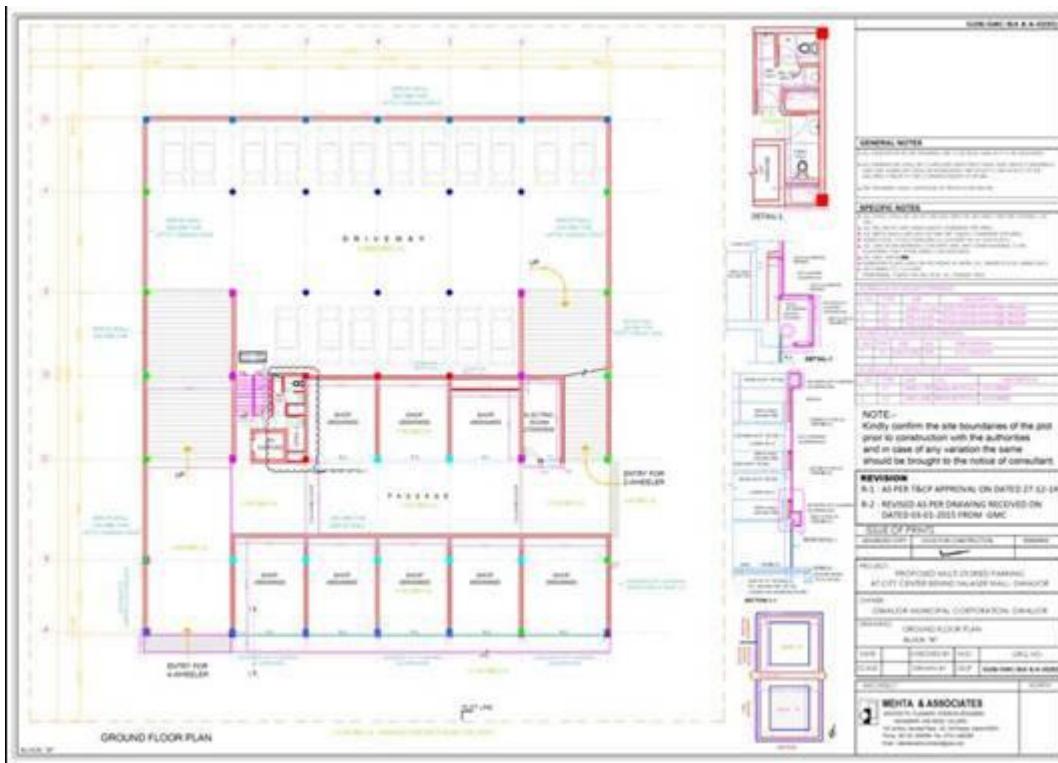
**Figure 36Parking Location: Salasar MultiLevelParking (Ground Floor-BlockB)**
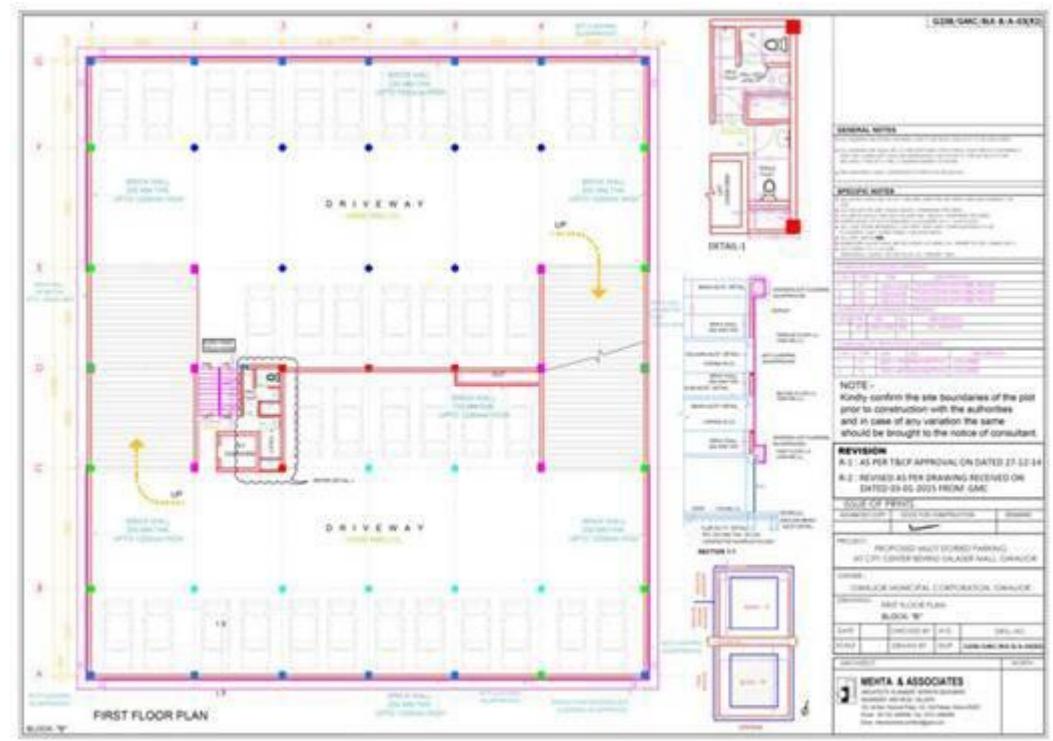
**Figure37ParkingLocation: Salasar Multi Level Parking(FirstFloor-BlockB)**
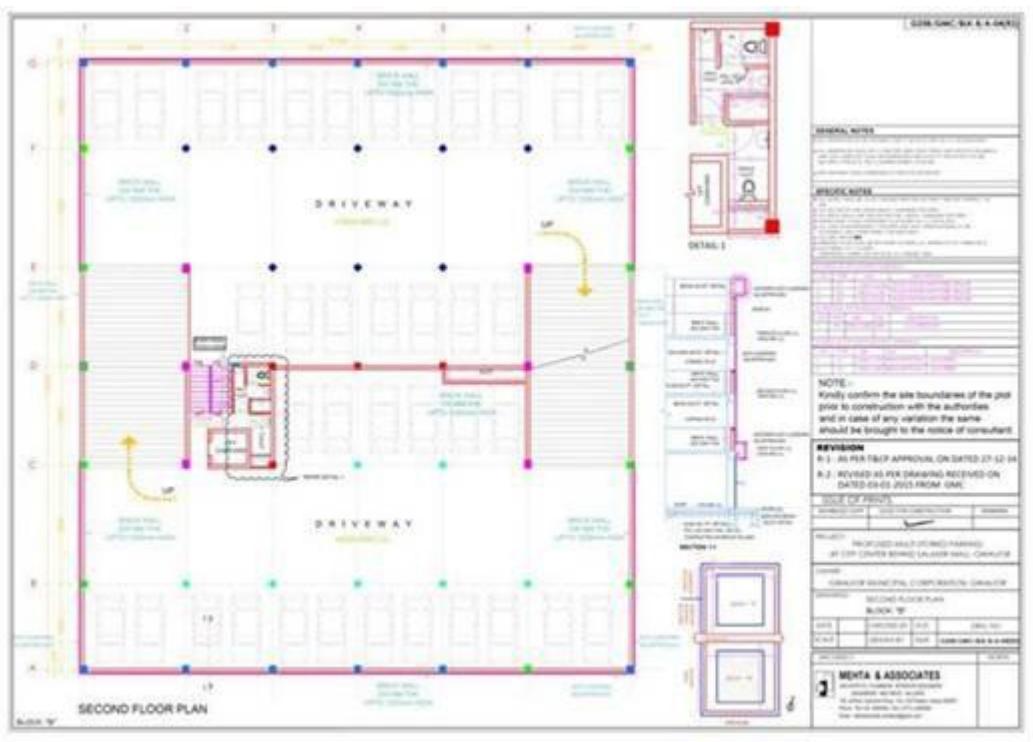
Figure 38Parking Location: Salasar MultiLevelParking (Second Floor-BlockB)
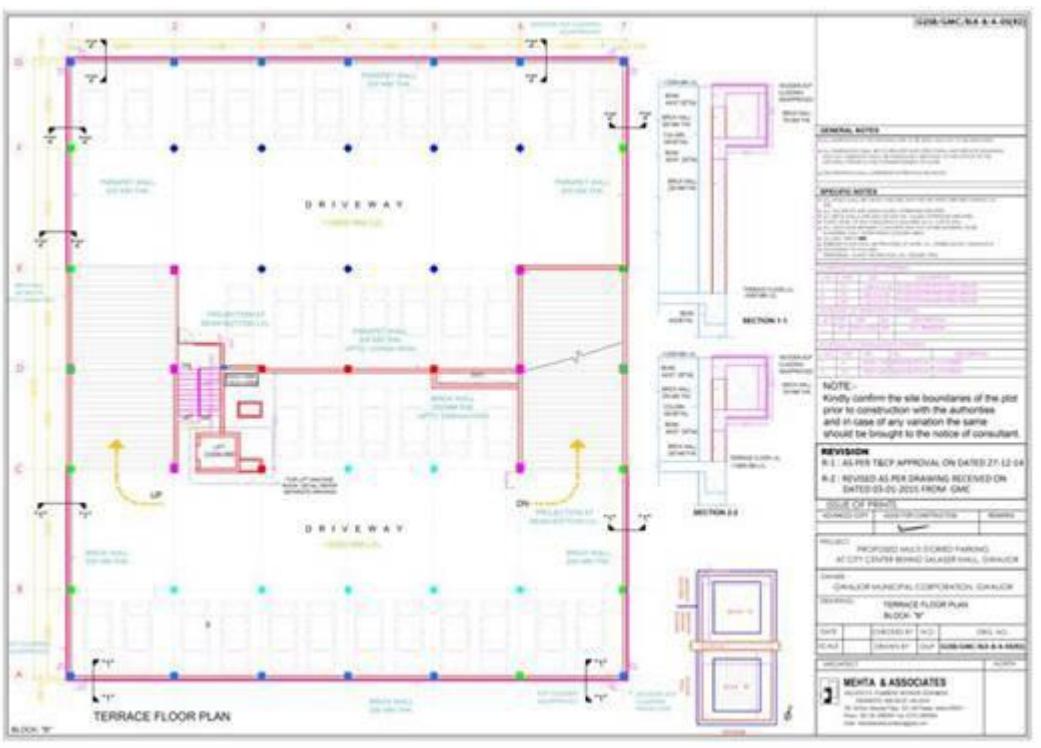


Figure 39 Parking Location: Salasar Multi LevelParking (Terrace Floor-Block B)

Capacity – 13 Two Wheelers, 1 Cars
Landmark – Outside Subzi Mandi, Morar

Legend

Parking Lot/Area

Figure 40Parking Location: Outside SubziMandi, Morar

Legend

Parking Lot/Area

Figure 41 Parking Location: Bus Stand, Amkho (Off-Street)