



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED (SIDCL)

GOVERNMENT OF PAKISTAN



RESPONSES TO BIDDERS QUERIES -1 / PRE-BID MINUTES

IN RELATION TO THE

**DESIGN DELIVERY, INSTALLATION, SUPPORT AND MAINTENANCE AND TRANSFER OF AN
INTEGRATED INTELLIGENT TRANSPORT SYSTEM (IITS)**

PACKAGE - A

FOR THE

BUS RAPID TRANSIT SYSTEM OF THE ORANGE AND GREEN LINES

ISSUED ON: 5TH DECEMBER 2020



ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020

NO. SIDCL/COO/OPS/2020/8191
DATED 5TH DECEMBER, 2020

SUBJECT: PRE-BID MEETING IN RESPECT OF “DESIGN DELIVERY, INSTALLATION, SUPPORT AND MAINTENANCE AND TRANSFER OF AN INTEGRATED INTELLIGENT TRANSPORT SYSTEM FOR PACKAGE-A” PPRA REFERENCE TS-435671E AND ADVERTISED ON 7TH NOVEMBER 2020.

THE PRE-BID MEETING FOR THE SUBJECT PROJECT WAS HELD ON 30TH NOVEMBER 2020 AT 2:30 PM IN THE COMMITTEE ROOM OF SIDCL, KARACHI.

LIST OF PARTICIPANTS PREFERRED ATTENDING THE MEETING IS ATTACHED AS ANNEX-A.

THE QUESTIONS/QUIRIES WERE RECORDED / OBTAINED IN WRITING, AND RESPONDED-TO WITH APPROVAL OF THE PROCUREMENT COMMITTEE OF THE BOD.

THE BIDDERS ARE ADVISED TO FOLLOW THE PRE-BID MINUTES IN CONJUNCTION WITH THE ISSUED BIDDING DOCUMENTS, SUBJECT TO THE FOLLOWING DISCLAIMER.

BIDDERS ARE ADVISED TO DOWNLOAD AMENDED RFP (INCLUDING CHANGES MADE DURING THE PRE-BID CONSULTATIONS) FROM AUTHORITY'S WEBSITE W.E.F MONDAY, 7TH DECEMBER, 2020, FREE OF COST; HOWEVER, CERTAIN CLARIFICATIONS MAY HAVE BEEN GIVEN IN THE RESPONSE DOCUMENTS BUT MAY NOT WARRANT EXPLICIT CHANGES IN THE RFP, WILL BE DEEMED PART OF THE AMENDED RFP.

ISSUED WITH APPROVAL OF THE COMPETENT AUTHORITY,



SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED

IMPORTANT NOTICE / DISCLAIMER

This ‘**RESPONSE TO BIDDERS’ QUERIES DOCUMENT**’ (this **Response Document**) is further to the ‘REQUEST FOR PROPOSAL’ and Draft Contracts Agreement (“**Draft Contract**”) issued in November 2020 (the **RFP Documents**) and the various queries received from the prospective bidders in respect of the bidding process relating to the **Design Delivery, Installation, Support and Maintenance and Transfer of an Integrated Intelligent Transport System (IITS) Package A** for the Bus Rapid Transit System of the Orange and Green Lines (the **Project**). This Response Document is being circulated by the Sindh Infrastructure Development Company Limited (the **AUTHORITY**), solely for use by the recipients in preparing and submitting their Bids for participation in the competitive bidding process in relation to the Project. Upon signing of the Contracts for the Project, the Contracts will be the final and binding document and any responses set out in this Response Document will not have any effect or be sued for interpretation.

This Response Document is not an agreement; its sole purpose is to provide interested parties with information that may be useful to them in making their offers (bids/proposals) pursuant to the RFP Documents. The RFP Documents and this Response Document includes statements, which reflect various assumptions and assessments arrived at by the Employer in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This Response Document may not be appropriate for all persons, and it is not possible for the Employer, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party, that relies on, reads or uses this Response Document. Besides, an Amended RFP is also being issued (to be downloaded free of cost from Authority’s website) reflecting certain clarification and/or changes made owing to Pre-bid consultations.

Neither the Employer nor its employees, personnel, agents, consultants, advisors and contractors etc., make any representation (express or implied) as to the accuracy or completeness of the information contained herein, or in any other document made available to any person in connection with the tender process for the Project and the same shall have no liability for this Response Document or for any other written or oral communication transmitted to the recipient in the course of the recipient’s evaluation of the Project. Neither these entities nor their employees, personnel, agents, consultants, advisors and contractors etc., will be liable in any manner whatsoever to reimburse or compensate the recipient for any costs, fees, damages or expenses incurred by the recipient in evaluating or acting upon this Response Document or otherwise in connection with the Project.

The assumptions, assessments, statements and information contained in the RFP Documents, may not be complete, accurate, adequate or correct for the purposes of Bidders. Employer or any of its advisors has no liability for any statements, opinions or information provided in the RFP Documents. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

of the assumptions, assessments, statements and information contained in the RFP Documents. The Bidders are required to undertake their independent assessment and to seek independent professional advice on any or all aspects of the RFP Documents. No decision should be based solely on the basis of the information provided by the RFP Documents and this Response Document.

Employer expressly disavow any obligation or duty (whether in contract, tort or otherwise) to any Bidder. No Bidder is entitled to rely on Employer's involvement in the preparation of this Response Document or in the solicitation process as a basis for preparing the Bid or developing the Project.

IMPORTANT NOTE:

Prospective Bidders are hereby apprised that the Authority shall not entertain any queries ten (10) days prior to the submission of bids. The Authority reserves right not to respond to any further query similar in nature to that of already responded-to in this document.

"Package-A Bidders are also advised to consult the Pre-bid minutes / Response Documents for Package-B as well for holistic understanding and to comply with integration interfaces."



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| S No. | Name of Bidder | Reference to RFP - Document | Bidder Query/Question | SIDCL's Response |
|--------------|-----------------------|------------------------------------|--|---|
| 1 | Sapphire Consulting | 8.2 page 150 | Cost for FAT :Please specify the exact components for FAT to determine the cost accordingly. | FAT are to be conducted for complete Package A components. Complete description of FATs is given in Section 8.2 of the RFP. |
| 2 | Sapphire Consulting | 8.2 page 150 | DMS: what is DMS | Data Management System is same as BIAS. Please read BIAS instead of DMS where applicable. |
| 3 | Sapphire Consulting | 8.14.3 page 160 | Any works and services including supporting services for failure / defects correction respectively rectification performed by Authority must be reimbursed by the contractor.: Explanation Required | Explanation: The following statements in an explanation of the statements in the RFP, and it does not replace or add/subtract the statements in RFP: In case the Contractor fails to perform the corrective action, the Authority may opt to undertake the corrective action using other contractors/service providers at the risk and cost of the contractor in the exigency of service/problem. Any costs associated for the corrective action(s) shall be borne by the Contractor or adjusted by the Authority from amongst the payables to the Contractor or retention as per the relevant clauses under the contract. |
| 4 | Sapphire Consulting | 8.14.3 page 161 | Costs of Authority for the use of subcontractors for performing warranty-covered works and services is charged at | Refer to response of question 3 above. The handling cost may be charged at actuals, subject to the maximum of 15%. These provisions are to circumvent the contractor's |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|---------------------|---------------------|---|---|
| | | | costs plus 15% handling costs. Explanation Required | potential unwillingness to rectify probable wrongs. In the event contractor is cooperating and timely rectifying the issues, 15% handling costs and risk/cost scenario would not be invoked. |
| 5 | Sapphire Consulting | FORM-8 page 178 | Level-2 Spares: Kindly specify which type of spares are Level-2 | Refer to Clause 21 of Draft Agreement Green Line IITS. "Critical Spares" and "Level 2 spares" are explained in detail in clause 21. The same are being reproduced in the revised RFP(Addenda 1) for convenience of bidders. |
| 6 | Sapphire Consulting | APPENDIX V page 189 | SITE LOCATION UNDERTAKING: No Format provided | The format will be provided prior to signing of Contract. |
| 7 | Sapphire Consulting | 4.1.4 page 17 | The Project involves design, delivery, installation, support and maintenance of IITS. Are bidders free to design at their own, and can modify design, plan to optimize it technically and commercially | The bidders have to follow the design guidelines and BoQ provided for their bid. The detailed design shall be undertaken after the award of project. The five layer architecture must be followed. |
| 8 | Sapphire Consulting | 4.1.4 page 17 | Type of Buses Previously it was low floor and low entry, so are buses specification changed now | Buses are low floor and low entry. |
| 9 | Sapphire Consulting | 4.2.1.1 vi page 20 | Formation of a consortium at the RFP stage by single bidders is not allowed. Kindly explain the RFP Stage, is it after submission of Bid? | RFP stage means before the submission of Bid. Prospective bidders may form a consortium prior to submission of the RFP to Authority by the closing dates. |
| 10 | Sapphire Consulting | 4.14.1 page 29 | Bid Validity for 180 days It is 120 days defined at page #7,24 and 45, as most international vendors/suppliers don't agree on 180 days | The Bid Validity Period is 120 days. However, the Bid Security must be valid for 180 days. This is to avoid any problems regarding extension of Bid Security in case of a successful Bid. Bid securities will be returned to unsuccessful bidders as per Public |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|---------------------|----------------|---|--|
| | | | | Procurement Rules, 2004. Technically non-responsive bidders will be notified to collect their bid securities upon declaring Technical Evaluation Results. |
| 11 | Sapphire Consulting | 4.30.1 page 40 | The Authority will bear the cost of import duties Will the quote/bid be based on Ex-Works cost excluding duties and GST? By this the invoices of vendors/suppliers have to be share with SIDCL? | Please refer to clause 4.30 of RFP regarding taxes and duties related to Package A. Financial Bids will be <u>exclusive of import duties only</u> . |
| 12 | Sapphire Consulting | 6.3 page 48 | Commercial operations will commence one day after the issuance of final completion certificate Is it mandatory clause for FAC? i.e. Till the final date of commercial operations, FAC will not be issued? | Yes it is a mandatory clause. As given in RFP and Draft contract, there are multiple stages/milestones before reaching the FAC. Refer to Section 7.2.8 of RFP for description of milestones. |
| 13 | Sapphire Consulting | 6.6 f page 53 | AFC Level 4: Central Clearing House (CCH) As CCH isn't part of this RFP (pg48), so AFC Level 4 willn't be part of this RFP? | AFC Level 4 Central Clearing House, software and hardware is an essential part of scope of supply of this RFP. But operations of Central Clearing House is not part of this RFP. In section 6.2 page 48 instead of "Bids for Central Clearing House (CCH), AFC Operations and Station Management are being separately invited." read "Bids for Operation of Central Clearing House (CCH), AFC Operations and Station Management are being separately invited". |
| 14 | Sapphire Consulting | 6.7 h page 54 | All of provisions for integration will be verified by the Engineer at the cost and expense of the Contractor(s). Please define the cost mechanism to be charged for engineer? | The fee in respect of The Engineer shall be paid by the respective employers. However, the rectification part to fix the highlighted integration issue shall have to be borne by the respective IITS Contractor of Package A or Package B as the case may be. |



**ORANGE & GREEN LINE ITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|---------------------|--------------------|---|---|
| 15 | Sapphire Consulting | 6.8 page 55 | OCC Building and Depot Building Please provide the exact location of both buildings, and will Fiber connectivity be established with these buildings? | OCC building is located at Aga Khan III Road, opposite DIG Traffic Office, Garden, Karachi. Depot Building for Green Line is located at Surjani Town. While Depot for Orange Line is located near Bacha Khan Chowk. Ducts for laying of Fiber Optics Cable to OCC and to both depot locations from Corridor have been provisioned. Contractor will have to lay Fiber Optic cable to OCC and both Depots from the respective corridors. |
| 16 | Sapphire Consulting | 7.1.8 page 138 | FY2019-2020 to exclude Please allow FY2019-2020, as this the indicator for any Firm's current financial standing and allows the equal level playing field. This way any company that has performed well in their last financial year is not disenfranchised in taking credit for their current performance. | The Bidder may provide financial statements of three years for either FY 2016-2017, 2017-2018, 2018-2019 or FY 2017-2018, 2018-2019, 2019-2020 but not for both of the above set of years. Financial data for the one set of years provided by the bidder will be considered for the respective bid. This leverage has been allowed in view of COVID-19 to facilitate the bidders to choose either of above, not both, to avoid any confusion during evaluation. |
| 17 | Sapphire Consulting | 7.3.2 (d) page 145 | The Bidder must give a detailed engagement plan for the Key Individuals. Please elaborate? | The bidder is required to provide deployment period and availability of each key individual for this Project. |
| 18 | Sapphire Consulting | 7.3.2 (d) page 145 | ITSx2 Engineer 30 Points Since each engineer have 10 point (pg 146), this will make 20 points in total | On page 146 instead of * 10 points for each individual read * 15 points for each individual |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|---------------------|--|---|--|
| 19 | Sapphire Consulting | 7.3.2 (d) page 145 | <p>Expertise of Civil Engineer in Public Transport Kindly relax this condition</p> | <p>Since the project involves expertise and interfaces in the area of transportation, it is a carefully thought provision that the Contractor has a transportation expert included in its team. This requirement is essential and cannot be relaxed. However, for convenience of bidders, the said expertise may not be a permanent employee of the contractor, and at the bid stage, intent to hire a Transportation expert with a shortlisted CV should be provided. If the bidder becomes successful, he will be required to hire transportation expert for the job.</p> |
| 20 | Inbox | 4.2 INFORMATION CONCERNING THE BIDDER(S) / Page 21 xi. Supporting Information & Documentation | <p>Clause: For foreign bidders: The documents that are in the nature of authorizing a person or to furnish some kind of affidavit are required to be attested from the Consulate or Embassy of Pakistan . Rest of the documents will have to be attested from the relevant bodies.</p> <p>Please clarify if the documents are notarized from the country of origin needs to be further attested from any Consulate / Embassy of Pakistan.</p> <p>The attested documents have already been submitted in the previous bid. Can we use the copy of the originals for this bid submission?</p> <p>Furthermore, please consider the current global COVID-19 situation due to which bidder may require more time for notarization / attestation of the documents internationally.</p> | <p>Not all documents are needed to be attested by Consulate/Embassy of Pakistan, as clearly mentioned in the RFP. In case a bidder is unable to get attestation in time for submission of bid owing to pandemic, the bidder may submit un-attested copies of the required document with their proposals. But they must submit attested copies of the same documents within two weeks after the proposal submission date. Failing to provide the attested copies within two weeks may result in disqualification from the bidding process. In case the bidding consortium have already submitted the attested document in the previous bidding process, they can use copy of the originals for this bid submission.</p> |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|-------|---|---|--|
| | | | Please clarify the provisioning of extension of time for submission of such documents or usage of copies of the attested / notarized original documents submitted in the previous BID. | |
| 21 | Inbox | 4.2 - INFORMATION CONCERNING THE BIDDERS ix. Intellectual Property Rights / Pages 21 (Package A) | The RFP request to provide a list of intellectual property rights from bidder. Provide information about how the bidder should prepare the content of the document. The requirement on IP Rights is not clear. | "The bidders are required to share the details of all the intellectual property rights of which, so far, they are entitled-to under the law, this may include the following: 1. IP rights relating to business logo/ insignia of the bidder 2. IP rights relating to all the software(s)/hardware/content/products which the bidders claim to own and/or have developed for its business purposes" |
| 22 | Inbox | 6.3 SCOPE OF WORK / Page 47 | Please provide clarification based on the questions below. What are the third-party System Operators, Issuing and Acquiring Bank for CCHS? After awarding of the project, will the authority choose the Issuing and Acquiring Bank or the contractor will choose them? After award of the project who is responsible to operate and maintain CCHS? (Operation and Maintenance in terms of Hardware / Software and Human Resource involved) Please elaborate? | Third Party AFC: the L3 AFC of future BRT lines. Bank: The AFC supplier scope is a full integration with Bank to allow online payment (website and APP), settlement and reconciliation of Bank payment. The Authority will invite the Banks/Bank payment providers based on technical requirements will be defined by AFC supplier (approved by Authority). Operation of CCH is a separate Scope extraneous to this tender. HW/SW maintenance is scope of AFC supplier, pls refer to the BoQ |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|-------|---|--|---|
| 23 | Inbox | 6.3 SCOPE OF WORK / Page 48 | Please explain the fare strategies, criteria definitions and business rules. | Government of Sindh has approved a staged fare based time & distance for BRT network in Karachi. Besides, there will be different passes (daily, weekly, monthly etc) and fare subsidies to some special class of people (elderly; special or students etc). Business rules will be developed/improved by the Supplier, pls refer to BoQ |
| 24 | Inbox | 6.6 REQUIRED FEATURES AND GOALS OF THE ULTIMATE SYSTEMS / Page 52 | The RFP says that "AFC Level 1: Inspection/Validation i. Station Gates (Turnstile, Wide Gates) and as option for Future Bikes Park & Ride gates". Please provide more information about Future Bikes Park & Ride gates. | The AFC system should be prepared for future Integration to integrate Park&Ride AFC Reader. i.e. the CSC should be accepted at 3rd party Reader. |
| 25 | Inbox | 6.7 REQUIREMENTS FOR INTEGRATION/ Page 54 | Please explain the future integration plan for the overall Karachi Public Transport System. | The provided system must follow the five layer architecture. Level 4 of all IITS systems (AFC, AVL, RTPI, BIAS) are the scope of this RFP. This level 4 system to be supplied by the Contractor will cater to the needs of all future BRT network Karachi (refer to KTIP BRT network for guidance). The future Bus lines in Karachi may bring their own Level 3 Systems (AFC, AVL, RTPI, BIAS). These Level 3 systems must be able to integrate with the Level 4 system provided in this procurement. |
| 26 | Inbox | 6.5 INDICATIVE SCOPE OF THE IITS / Page 51 | What is the proposed number of Feeder Buses (Option) for future? | Refer to Section 4.1.4 of RFP. Number of buses in future is up to 1500. |
| 27 | Inbox | 6.7 REQUIREMENTS FOR INTEGRATION / Page 54 | Provide more information about documentation of API. | This is a much lower level detail which cannot be completely specified at this stage. The detailed documentation requirement may be agreed during the Detailed Design Stage. |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|-------|--|--|---|
| 28 | Inbox | Functional Description of the Mobile Application / Page 60 | Please explain the Stored Value (T-purse) as a payment option. | Stored Value is a PKR Cash wallet: The wallet will be used to validate at the Gate, and for purchase other products (e.g. Daily pass) at AFC devices, and for payment at AFC devices for other CSC user. Stored Value is a wallet and payment method as it's seen as virtual cash wallet |
| 29 | Inbox | AFC Level 1: Inspection/Validation / Page 65 | The RFP says that If for any reason the fare media cannot be read automatically using the readers on the fare gate, there shall be an arrangement to manually open the fare gate. Please provide more information about the manually opening solution. Should the bidder provide a button on the turnstile for this situation or will there be an inspector to control when the situation happens? | There will be inspector(s) at the stations, and additional to that the Gates will be controlled by Station computer (pls refer to RFP and BoQ) |
| 30 | Inbox | AFC Level 1: Inspection/Validation / Page 66 | The RFP says that The required performance during communication with fare media and the transaction times (including the deduction process and storage of the modified data on the CSC) should be ensured and proven: Check-in or Check-out: 150 ms for CSC with single contract and for Barcode tickets, and 260ms for CSC with multiple contract. Please reconsider the time as 300-400 ms as its a normal practice and a standard. | Based on experience in other project, the requested Time is achievable. Details will be considered at development time depends on implemented Fare. However, this requirement will be further deliberated at a detailed design stage and the bidders at this stage may expect a little relaxation on this standard. |



| | | | | |
|----|-------|--|---|---|
| 31 | Inbox | <p>Under AFC Level 1: Inspection / Validation - Clause e - Paragraph 11; / Page 67</p> | <p>The RFP mentions "The battery of the HHM must last at least for 8 hours."</p> <p>Defined device is very similar to POINT-OF-SALE machine which is commonly used for desktop type usage, such as in shops. Based on technical specification sheet of the device, there are many devices which has 8 hours of battery life, but in reality on project field - use of printer to printout receipts, QR tickets and environmental heat effects, the battery life is normally affected. 8 Hours Battery Life may be considered with a spare battery in use when required to complete 8 hours battery life cycle.</p> <p>Since the bid is based on CAPEX / OPEX model please consider the fact that the HHM batteries included with the system are consumable items which need replacement after a certain time period keeping in mind the BIDDER has to meet the said backup time in order to comply with the KPIs provided and usually it's a high cost considering 5 years of operations.</p> <p>SIDCL / Authority must consider to have spare HHM batteries build as part of the BOQ to run 5 years of extensive operations.</p> | <p>A back-up battery provision is already provided in the BoQ. The HHM SW should be improved in a way the HHM goes in power saving mode once it's not used.</p> <p>Replacement of Battery is part of the Maintenance scope.</p> |
|----|-------|--|---|---|



| | | | | |
|----|-------|---|--|--|
| 32 | Inbox | <p>Under AFC Level 1: Inspection / Validation - Clause d - Paragraph 4; / Page 66</p> | <p>The RFP say each fare gate needs to be equipped with validator(s) / Readers (s) for each type of media to be used (NFC and Barcode). The RFID readers should be EMV L1 & L2 certified for future upgrade purpose. L2 payment scheme should be mentioned more clearly, such as MasterCard L2, Visa L2 or Annex L2 . . . etc.</p> <p>Since this feature is mentioned as future upgrade purpose. Considering 10 years of the operations, if and when payment schemes specifications may have major changes in the future, new certification or even hardware revisions may require in the future.</p> <p>Is SIDCL aware of this possibility and thinking to support this process and associated financial expense.</p> | <p>The Validators Reader Hardware should be ready to accept the EMV bankcards technology available in Pakistan Market. However, the prospects for significant change in technology may be considered by the Government of Sindh beyond SIDCL's operation term. At present, the system has to be designed perceiving the available media/technology in Pakistan and emerging Mass Transit System.</p> |
|----|-------|---|--|--|



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|-------|--|---|---|
| 33 | Inbox | 7.2 Eligibility Criteria / Page 139 (Clause 7.2.5) | <p>Clause: In case bidder is a consortium, the equity share of local company (or companies) in the consortium must not be less than 30 percent in aggregate.</p> <p>Please clarify that the equity share of the main bidder / lead bidder (LOCAL) in a JV-Consortium may contribute 100% Capital of the Consortium, including but not limited to property, cash and any additional capital contributions to be made for the Project.</p> <p>Though the other members of the consortium local / foreign shall be liable, jointly and severally, for all obligations of the contractor in relation to the Projects.</p> | <p>The Clause states "In case bidder is a consortium, the equity share of local company (or companies) in the consortium must not be less than 30 percent in aggregate." If the Lead is local, the lead may have 100% share as it satisfies the above clause. In case the lead is a foreign registered company, then the consortium must have local partners and the cumulative share of local partners must not be less than 30 percent. The above requirement is for JV share as per PEC requirement. The equity share may be different and the bidders are open to form consortiums/JVs accordingly.</p> |
| 34 | Inbox | 7.2 Eligibility Criteria / Page 139 (Clause 7.2.8) | <p>Please provide details and clarify the project starting date and duration of the supply, install, commission, operate and maintain phases to provide a proper offer and prepare a work plan.</p> | <p>Detailed Plan and Milestones for supply and installation are already provided in RFP. Refer to section 7.2.8 of RFP. Refer to clause 1.3 "The Projects consist of Works which contains the procurement, design, delivery, installation, of IITS as given in the attached RFP and support and maintenance of IITS for 5 (five) years including a 2 (two) year warranty period. The selected bidder will be responsible for support and maintenance of IITS for 5 (five) years including a 2 (two) year warranty period"</p> |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|-------|---|---|--|
| 35 | Inbox | B.4: Energy Management System / Page 76 (Package B) | <p>Please provide clarification for the below questions. Please provide more detailed information about the Electronic AMR Meter? Kindly provide station-wise details on 1-Phase / 3-Phase circuits to be monitored? Please provide station-wise details on 1-Phase / 3-Phase Load. Please provide the line diagrams of 1-Phase / 3-Phase Circuits.</p> | <p>All stations have three phase electrical load. The AMR to be provided must be 3-Phase meters. Quantity of AMR is already given in BoQ. Single line diagrams will be provided during the detailed design stage.</p> |
| 36 | Inbox | On-board Bus – Security & Surveillance System - Page 74 (Package B) | <p>It is written in RFP on page 156 as "IP Cameras onboard bus are provided by bus vendor". Also, the Video Recording System is requested to be bid by the Bidder.</p> <p>Please kindly inform us as whether the buses already have DVR or will the bidder provide DVR solution?</p> | <p>The DVR onboard bus is NOT in the Scope of Supply of the IITS Package B RFP and is not included in the BoQ of Package B. DVR onboard buses will be provided by the Vehicle supplier. However the integration of video feed from bus onboard cameras must be implemented by IITS Package B Supplier.</p> |
| 37 | Inbox | Traffic Signal Lights / Page 82 (Package B) | <p>Please provide more detailed information about the UPS System or do you want contractor to design the UPS System with 1 hour backup?</p> <p>Since the bid is based on CAPEX / OPEX model please consider the fact that the batteries included with the system are consumable items which need replacement after a certain time period keeping in mind the BIDDER has to meet the said backup time in RFP in order to comply with the KPIs provided and usually it's a high cost considering 05 years & 6 months of operations.</p> | <p>A UPS system to provide at least one hour of backup supply for the signal system is required. Replacement of Battery is part of the Maintenance scope.</p> |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|-------|--|--|--|
| | | | Authority must consider to have UPS batteries build as part of the BOQ to run 05 years of extensive operations. | |
| 38 | Inbox | Under System Support, "Layouts of Text Templates" & "Layouts of Level 1 devices Template"; / Page 72 | We believe this feature set should not be considered as a must since this features maybe used very limited times and since the contract is for 05 years & 6 months. Though the bidder / solution provider can provide this feature set as a SERVICE during the tenure of the project. Please consider & clarify. | As it's scope of RFP, the Bidder must provide this functionality. |
| 39 | Inbox | Attestation / Notarization of International Documents | Please provide the list of international documents to be notarized or attested. Furthermore, please consider the current global COVID-19 situation due to which bidder may require more time for notarization / attestation of the documents internationally. Please clarify the provisioning of extension of time for submission of such documents. | Please refer to response of question number 20 above. |
| 40 | Inbox | Consumable Items / Hardware / Equipment | Since the bid is based on CAPEX / OPEX model please consider the fact that all consumable items; such as, UPS Batteries, HHM Batteries, Any other batteries, Printer Cartridges, HHM Printer Cartridges, TVM Printer Cartridges, TVM and TOM Printer rolls, which need replacement / fill-up after a certain time period keeping in mind the BIDDER has to comply with the KPIs provided and usually it's a high cost considering 05 years & 6 months of operations. | Consumables for six months for Package A are already part of Amended BoQ being published on SIDCL's website. The Authority will later decide based on consumption patterns and price competitiveness any further quantities and source of consumables, either through the same Contractor or may find another source at SIDCL's discretion. |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|-------|---|---|---|
| | | | <p>SIDCL / Authority must consider to have spare related to all consumable parts / items / hardware / equipment built as part of the BOQ to run 05 years & 6 months of extensive operations.</p> | |
| 41 | Inbox | <p>AFC Level 1: Inspection/Validation / Page 52</p> | <p>RFP Document Says: Automatic Gates should be used for Fare Control both in BRT station entrances and exits. Gates should be installed in each station such that access to platform and station exits from every possible path should be via the respective control gate (Station design will be provided to AFC Contractor).</p> <p>Please provide the station design documents containing turnstile information, the dimension of the area where the turnstiles have to be installed.</p> | <p>Drawings are attached as Annexure VIII. The Bidders are encouraged to visit the already constructed stations of Green Line to get first hand knowledge of installation requirements.</p> |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|--|---|---|---|
| 42 | Inbox (endorsed by all the bidders) | B.6: Hardware for Real Time Passenger Information System (RTPI) Page 85 & 86 | <p>RTPI is part of AFC-BSS Integrated System.</p> <p>Why is Hardware of the RTPI (LED/LCD/TFT Displays) as mentioned on Page 85 & 86 of Package B RFP?</p> <p>If you are considering RTPI-LCD/TFT/LED Displays as an individual component of the RTPI system then you may understand that AFC-BSS solution works on internationally recognized standards and works as integrated solutions. The RTPI displays cannot be separated from the Package A.</p> <p>As all the hardware pertaining to AFC/BSS system is requested in Package A same should be considered for RTPI hardware and it should be made part of Package A solution NOT Package B.</p> | <p>Agreed as unanimously suggested by all the bidders. RTPI, as a complete package (both hardware and software,) is now made part of Package A's scope of supply. Please refer to updated RFP and the Addendum1 published by SIDCL, to be downloaded free of cost from Authority's website.</p> |
| 43 | LMKT | | <p>It is mandatory for supporting & Maintenance Staff to have PEC certification?</p> | <p>No. PEC Certification requirement is not mentioned anywhere for support & maintenance staff in the RFP documents. However, the bidders are encouraged to employ duly certified support and maintenance team for the project.</p> |
| 44 | LMKT | | <p>Kindly remove the criteria for PEC certification for local personnel's.</p> | <p>For the Key Personnel in the project implementation team, PEC certification is a mandatory requirement as per PEC byelaws. However, this condition has been relaxed in terms of Support and Maintenance staff.</p> |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| | | | | |
|----|------|--|---|---|
| 45 | LMKT | | <p>In Package A - customers will bear the duties? What are customer responsibilities & what are client responsibilities in this perspective? Kindly elaborate the shipment process as in who will be the consignee, who will pay the duties & taxes, as we are assuming that we will give CIF price for the imported equipment.</p> | <p>Refer 4.30 of RFP for crisp demarcation of responsibilities. However for sake of clarity, it is to reiterate that for Package A only, consignee, of imported items under LC, will be SIDCL. The bidder will be given access to WeBOC ID of SIDCL for import / customs related procedural import and clearing prerequisites. The responsibility for import, clearing, shipping, insurance etc. shall lie with the Contractor. The Authority is only responsible for import duties in PKR, only for the imported items brought in the name of SIDCL under the LC, to be paid to revenue authorities for Package A only, for which the procedural and clearing responsibility (including the hiring of clearing agent if any) remains with the Contractor. For Package-B, the Authority is not opening LC, and the contractor shall quote rates inclusive of all taxes and import duties. Shipping, Insurance and all import related expenses (excluding import duties for Package-A only) are to be borne by the contractor.</p> |
| 46 | LMKT | | <p>In Package A – The prices given by customer for all the imported items should be inclusive of With Holding tax?</p> | <p>For Package A, Withholding Tax to the extent of imported items, for which the Consignee will be SIDCL, will be borne by the Authority.</p> |
| 47 | LMKT | | <p>Since, the international partners and banks will be involved for this bidding, it would be hard for us to compile up all the proposal in this short span. Therefore we request you to kindly extend the bid submission time for at least two more weeks i.e. till 30th December 2020.</p> | <p>In addition to response of query no 20 above, for the convenience of bidders the Submission date of Bids is relaxed herewith for one week i.e. the submission date for Package A and B will now be December 23, 2020. No further extension shall be expected from the Authority owing to paucity of time and being a high priority time bound project.</p> |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

ATTENDANCE SHEET

ANNEXURE -A

| GOVERNMENT OF PAKISTAN MINISTRY OF PLANNING, DEVELOPMENT & SPECIAL INITIATIVES SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LTD (Former KIDCL) | | | | | | |
|--|--------------------------------------|-----------------------|-------------------------------|-------------------------------|------------------|-----------|
| SUBJECT: Integrated Intelligent Transport System (IITS) for Bus Rapid Transit System (Green and Orange Lines), Karachi (Package A and B) | | | | | | |
| VENUE: Board Room, SIDCL Head Office, Karachi | | | | | | |
| ATTENDANCE SHEET 30-11-2020 (02:30 PM) | | | | | | |
| Sr. No. | Company Name | Representative Name | Designation | Email Address | Contact No. | Signature |
| | TCPS | Fahad Rehman | CEO - Lehman Coach Service | fahad@tcps. com. cn | 03332301660 | |
| | NLC | Yazid Ahmed | SM Contract | yazid.ahmed@ncl.com.pk | 03452385999 | |
| | MASTER MOTOR. | Awais Shayan | Sales Engineer | awais.shayan@ mmcl.com.pk | 0301- 8284398 | |
| | LMKR | Ata-ur-Rahman Tanveer | EVP | atanveer@lml.com | 0336-8567151 | |
| | Techsol Solutions | Sheikh Faraz | BDM | faraz@techsol. com | 0331-8233556 | |
| | M M H Engineering (Faraz Shaukat) | Faraz Shaukat | Manager Commercial | faraz.shaukat@mmheng.com | 0321-4778501 | |
| | NRTC | Engr. Jehanzeib | Marketing officer | jehanzeib.chippa@ nrtc.com | 0306-3098426 | |
| | Supplire consulting | Kashif | Lead Manager Services | kashif.abro@ supplire.co | 03322455451 | |



ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020

| GOVERNMENT OF PAKISTAN MINISTRY OF PLANNING, DEVELOPMENT & SPECIAL INITIATIVES SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LTD (Former KIDCL) | | | | | | |
|--|--------------------|---------------------|---------------------|-----------------------|--------------|-----------|
| SUBJECT: Integrated Intelligent Transport System (IITS) for Bus Rapid Transit System (Green and Orange Lines), Karachi (Package A and B) VENUE: Board Room, SIDCL Head Office, Karachi | | | | | | |
| ATTENDANCE SHEET 30-11-2020 (02:30 PM) | | | | | | |
| Sr. No. | Company Name | Representative Name | Designation | Email Address | Contact No. | Signature |
| | Silicon Technology | Salman | Manager Data Center | Salman@silicon.net.pk | 0321-8755205 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020**

| <p align="center">GOVERNMENT OF PAKISTAN MINISTRY OF PLANNING, DEVELOPMENT & SPECIAL INITIATIVES SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LTD (Former KIDCL)</p> | | | | | | |
|---|--------------|---------------------|-----------------|------------------------|--------------|-----------|
| <p align="center">SUBJECT: Integrated Intelligent Transport System (IITS) for Bus Rapid Transit System (Green and Orange Lines), Karachi (Package A and B)</p> | | | | | | |
| <p align="center">VENUE: Board Room, SIDCL Head Office, Karachi</p> | | | | | | |
| <p align="center">ATTENDENCE SHEET 30-11-2020 (02:30 PM)</p> | | | | | | |
| Sr. No. | Company Name | Representative Name | Designation | Email Address | Contact No. | Signature |
| | BLIC JV, DCC | SEHAIL AHMED | IITS Consultant | skhan_98@yahoo.com | 03232137287 | |
| | BLIC JV, DEC | SAJID AHMED | IITS Consultant | ahmedsajid10@gmail.com | 0333-2287282 | |
| | KPMG | SYED MAISAM ABBAS | IITS Consultant | smaisam.abbas@kpmg.com | 0300-8210426 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |



ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETINGS HELD ON NOVEMBER 30, 2020

| GOVERNMENT OF PAKISTAN MINISTRY OF PLANNING, DEVELOPMENT & SPECIAL INITIATIVES SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LTD (Former KIDCL) | | | | | | |
|--|---------------------------|--------------|-----------------------------|---------------|-------------|-----------|
| SUBJECT: Integrated Intelligent Transport System (IITS) for Bus Rapid Transit System (Green and Orange Lines), Karachi (Package A and B) | | | | | | |
| VENUE: Board Room, SIDCL Head Office, Karachi | | | | | | |
| ATTENDENCE SHEET 30-11-2020 (02:30 PM) | | | | | | |
| Sr. No. | Representative Name | Company Name | Designation | Email Address | Contact No. | Signature |
| 1 | Mr. Bilal Ahmed Memon | SIDCL | Chief Operating Officer | | | |
| 2 | Mr. Khadim Hussain Mirani | | Chief Financial Officer | | | |
| 3 | Mr. Abdul Aziz | | Sr. Manager Bus Ops and ITS | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |