



**GOVERNMENT OF PAKISTAN
MINISTRY OF COMMUNICATIONS
NATIONAL HIGHWAY AUTHORITY**



REQUEST FOR PROPOSAL (RFP)

FOR

**PROVISION & MAINTENANCE OF
DATA COMMUNICATION MEDIUM BETWEEN
ETTM TOLL PLAZAS/TOC AT NHA ROAD
NETWORK AND OPERATION CENTRE AT
NHA HQ ISLAMABAD**

Date of Submission of Proposals: **till 12:00 hours on 07-04-2020**

Date of Opening of Technical Proposals: at 12:30 hours on 07-04-2020

**INVITATION
FOR BIDS**



INVITATION FOR BIDS

ALL ELIGIBLE BIDDERS

PROVISION & MAINTENANCE OF DATA COMMUNICATION MEDIUM BETWEEN ETTM TOLL PLAZAS/TOC AT NHA ROAD NETWORK AND OPERATION CENTRE AT NHA HQ ISLAMABAD.

National Highway Authority intends to invite the sealed bids from eligible bidders who can prove their eligibility and qualification as mentioned in Bidding Documents for subject procurement for a period of 03 years from the date of commencement and extendable for two terms of one (01) year on same terms and conditions subject to satisfactory performance and mutual consent. Detail of locations is as under:

Sr.	Locations	Coordinates		Route
		Latitude	Longitude	
1	Gujranwala	32.012279	74.215446	N-5
2	Okara	30.734673	73.301501	N-5
3	Khanbela	28.943249	70.716924	N-5
4	IMDCW (Barakahu)	33.764989	73.220819	N-75
5	Kohat Tunnel	33.630364	71.536640	N-55
6	Attabad Tunnel (05 Nos.)	36.304133	74.791427	N-35
7	Lowari Tunnel (02 Nos.)	35.5159506	71.8353464	N-45
8	M-3 TOC Rajana	30.840080	72.554722	M-3
9	M-5 TOC Tranda M. Panah	29.0737371	70.8069781	M-5
10	Havailian-Thakot TOC Mansehra	34.3452930	73.1547055	KKH-II

2. The applicants having valid Relevant License from **“Pakistan Telecommunication Authority”** for the year 2019 and minimum Average Net worth of ten (10) Million in last three years are eligible to participate in the bidding. Further, the applicant shall provide an undertaking on Judicial Stamp paper (Rs. 50/-) that the bidder is not blacklisted anywhere in Pakistan.
3. The bidding will be done by adopting PPRA Rule 36(b) Single Stage - Two Envelope procedure. The Technical (including above mentioned eligibility documents) and Financial bids must be submitted in separate envelopes as elaborated in "Instructions to Bidders" in RFP.
4. The intended bidders may download the Request for Proposal (RFP) from NHA website under all tenders tab (www.nha.gov.pk). w.e.f. **16.03.2020**. Pre-bid meeting shall be held on **24-03-2020 at 11:00 hours** in NHA Auditorium, Islamabad.
5. The sealed bids in clearly marked envelopes shall be received in the office of General Manager (Revenue) till **12:00 hours on 07.04.2020**. The Technical Bids will be opened on same day at **12:30 hours on 07.04.2020** in NHA Auditorium, 27 Mauve Area, G-9/1 Islamabad in the presence of the bidders or their authorized representatives who may choose to attend.
6. Technical Bids shall be evaluated subject to establishment of eligibility of the bidders and subsequently financial bids of only technically qualified bidders will be opened on the date to be announced after technical evaluation.
7. Further clarifications/details, if any, may be obtained from the office of the Deputy Director (Automation/Rev-Tech) NHA HQ, Islamabad during working hours Ph. 051-9032922.
8. NHA reserves the right to reject any or all the bids as per PPRA rules.

General Manager (Revenue)

National Highway Authority

27 Mauve Area, G-9/1, Islamabad

Phone # 92-51- 9260190

Websites: www.nha.gov.pk, www.ppra.org.pk

**INSTRUCTIONS
TO
BIDDERS (IB)**

INSTRUCTIONS TO BIDDERS

A. GENERAL

IB.1 Scope of Bid and Source of Funds

1.1 Scope of Bid

National Highway Authority (hereinafter called “the Employer”) wishes to receive sealed Technical & Financial bid under Single Stage – Two Envelope Procedure for the following scope of services:

Provision & Maintenance of Data Communication Medium Between under-mentioned ETTM Toll Plazas & TOC at National Highways and Operations Centre at NHA HQ

Sr	Location	Coordinates		Last mile Connectivity	Route
		Latitude	Longitude		
1	Gujranwala	32.012279	74.215446	Optical Fiber	N-5
2	Okara	30.734673	73.301501	Optical Fiber	N-5
3	Khanbela	28.943249	70.716924	Wireless	N-5
4	IMDCW (Barakahu)	33.764989	73.220819	Optical Fiber	N-75
5	Kohat Tunnel	33.630364	71.536640	Wireless/VSAT	N-55
6	Attabad Tunnel (05 Nos.)	36.304133	74.791427	VSAT	N-35
7	Lowari Tunnel (02 Nos.)	35.5159506	71.8353464	VSAT	N-40
8	M-3 TOC Rajana	30.840080	72.554722	Optical Fiber	M-3
9	M-5 TOC Tranda M. Panah	29.0737371	70.8069781	Optical Fiber/Wireless	M-5
10	Havailian-Thakot TOC Mansehra	34.3452930	73.1547055	Wireless	KKH-II

* Bids proposing other than required last mile connectivity as mentioned above will be disqualified from the bidding process.

1.1.1 Bidders must quote for the complete scope of Services. Any bid covering partial scope of work/services will be rejected as non-responsive, pursuant to Clause IB.24.

1.2 Source of Funds

Road Maintenance Account, National Highway Authority.

IB.2 Eligible Bidders

2.1 Bidding is open to all companies/firms/sole-proprietors/JV, who qualify as per eligibility criteria set out as under (**Attach relevant Documents as referred in Appendices A to D of Instructions to Bidder pursuant to clause IB.13**):

- The applicants having valid Relevant License of “Pakistan Telecommunication Authority” for the year 2019. (**Appendix-A**)
- The bidder must possess minimum Average Net worth of ten (10) Million in last three years (i.e. 2017-18, 2016-17 & 2015-16). (**Appendix-D**)
- Provision of undertaking on Judicial Stamp paper (Rs. 50/-) attested by first class magistrate that the bidder is not blacklisted anywhere in Pakistan.

Note: In case of non-provision of any of the above requirements, the respective bidder shall stand disqualified and their financial bid shall be returned un-opened.

IB.3 Eligible Goods and Services

- 3.1 All Goods and Services to be supplied under this Contract shall have their origin in eligible countries listed in **Appendix-A** to Instructions to Bidders and all expenditures made under the Contract will be limited to such Goods and Services.
- 3.2 For purpose of this Clause, “origin” means the place where the Goods are mined, grown or produced or from where the Services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembling of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 3.3 The origin of Goods and Services is distinct from the nationality of the Bidder.

IB.4 Cost of Bidding & Site Visit

- 4.1 The Bidder shall bear all costs associated with the preparation and submission of its respective bid and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 4.2 The bidders are advised to visit and examine the Project Sites and its surroundings and obtain for themselves on their own responsibility all information that may be necessary for preparing the bid and entering into a contract for Operation & Management. All cost in this respect shall be at the bidder’s own expense.
- 4.3 All the factors which may affect the site conditions, environmental effects and any other shall be taken into account by the bidders while quoting their bid and any claim in this regard shall not be accepted at later stage during currency of contract.

B. BIDDING DOCUMENTS

IB.5 Contents of Bidding Documents

- 5.1 In addition to Invitations for Bids, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Clause IB.7.
 1. Instructions to Bidders& Appendices
 - i. Appendix A: Eligible Countries
 - ii. Appendix B: Bidder’s Registration
 - iii. Appendix C: Domestic Goods
 - iv. Appendix D: Financial Position of the Firm
 2. Bid Data Sheet
 3. Form of Technical Bid & Appendices
 - i. Appendix A: Relevant/Specific Experience
 - ii. Appendix B: Response/Latency Time
 - iii. Appendix C: Method of Performing Works/Services
 - iv. Appendix D: Proposed Organization

- v. Appendix E: Notice and Communication Protocols
 - vi. Appendix F: Work/ Services to be Performed by Subcontractors
4. Form of Financial Bid & Appendices
 - i. Appendix A: Scope of Services
 - ii. Appendix B: Reimbursable Costs
 - iii. Appendix C: Integrity Pact
 5. Schedule of Prices
 6. General Conditions of Contract, (GCC)
 7. Particular Conditions of Contract, (PCC)
 8. Standard Forms
 - i. Form of Bid Security
 - ii. Form of Contract Agreement
 - iii. Form of Performance Security
 - iv. Form of Bank Guarantee/Bond for Advance Payment
 9. Specifications- Special Provisions
 10. Specifications - Technical Provisions
- 5.2 The Bidders are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of bid submission will be at the bidders own risk. Pursuant to Clause IB.24, bids which are not substantially responsive to the requirements of the Bidding Documents will be rejected.

IB.6 Clarification of Bidding Documents

- 6.1 A prospective Bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Employer in writing or by telex or fax at the address:

Office of General Manager (Revenue)

National Highway Authority,
27th Mauve Area,
G-9/1, Islamabad

IB.7 Amendment of Bidding Documents

- 7.1 At any time prior to the deadline for submission of bids, the Employer may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by issuing addendum.
- 7.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 5.1 hereof, and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective Bidders shall acknowledge receipt of each addendum in writing to the Employer. The Bidder shall also confirm in the Form of Bid that the information contained in such addenda have been considered in preparing his bid.
- 7.3 To afford prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer may at its discretion extend the deadline for submission of bids in accordance with Clause IB.19.

C. PREPARATION OF BIDS

IB.8 Language of Bid

8.1 The Bid prepared by the Bidder and all correspondence and documents related to the Bid, exchanged by the Bidder and the Employer shall be written in the English language, provided that any printed literature furnished by the Bidder may be written in any other language so long as accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the Bid, the English translation shall govern.

IB.9 Documents Comprising the Bid

9.1 The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Bid and the other called the Financial Bid, containing the documents listed in Bidding Data Sheet under the heading 4.2 A & B respectively. Both the envelopes to be enclosed together in an outer single envelope called the Bid.

9.2 The Bidder shall furnish, as part of the Technical Bid, documents including statement of work methods, equipment, personnel, schedule and any other information as stipulated Bidding Forms, in sufficient detail to demonstrate the adequacy of the Bidders' proposal to meet the work requirements and the completion time referred to in Sub-Clause 1.2 hereof.

IB.10 Form of Bid and Schedules

10.1 The Bidder shall complete, sign and seal the Forms of Technical & Financial Bid & Appendices and Schedule of Prices furnished in the Bidding Documents and shall also enclose other information as detailed in Clause IB.9.

10.2 For the purpose of granting a margin of domestic preference; applicable only in case of supply of Goods/Equipment, if any; pursuant to Clause IB.27, the Employer will classify the bid when submitted in one of three groups as follows subject to change if any, as per policy of the Federal Government as applicable on the date of bid opening;

- (a) **Group 'A' Bid.** (i) For Goods for which labor, raw materials and components from within Pakistan account for at least 20% of the ex-factory bid price of the products offered (ii) For Goods for which labor, raw materials and components from within Pakistan account for over 20% up to 30% of the ex-factory bid price of the products offered (iii) For Goods for which labor, raw materials and components from within Pakistan account for over 30% of the ex-factory bid price of the products offered.
- (b) **Group 'B' Bid.** Goods manufactured in Pakistan for which the domestic content added in the manufacturing cost is less than 20% of the ex-factory bid price; and

- (c) **Group 'C' Bid.** For Goods of foreign origin.

In preparing their bids, the bidders, whether local or foreign, shall enter in the Schedule of Prices ex-factory price for indigenously manufactured products and CIF price as well as customs duty and sales tax and other port charges for products to be imported from outside Pakistan.

IB.11 Bid Prices

- 11.1 The Bidder shall fill up the Schedule of Prices attached to these documents indicating the unit rates and prices of the Works/Services to be performed under the Contract. Prices on the Schedule of Prices shall be entered keeping in view the instructions contained in the Preamble to the Schedule of Prices.
- 11.2 The Bidder shall fill in rates and prices for all items of the Works/Services described in the Schedule of Prices. Items against which no rate or price is entered by a Bidder will not be paid for by the Employer when executed and shall be deemed covered by rates and prices for other items in the Schedule of Prices.
- 11.3 The Bidder's separation of price components in accordance with Sub-Clause 11.1 above will be solely for the purpose of facilitating the comparison of bids by the Employer and will not in any way limit its right to contract on any of the terms offered.
- 11.4 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the Bidder shall remain fixed during the Bidder's performance of the Contract and not subject to variation on any account. When the Bidders are required to quote only fixed price(s) a bid submitted with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to Clause IB.24.
- 11.5 Any discount offered shall be valid for at least the period of validity of the bid. A discount valid for lesser period shall be considered null and void.

IB.12 Currencies of Bid and Payment

- 12.1 Prices shall be quoted in the following currencies:
- (a) For Goods and Services which the Bidder will supply from within Pakistan, the prices shall be quoted in the Pak. Rupees.
 - (b) For Goods and Services which the bidder will supply from outside Pakistan, the prices shall be quoted either in U.S. Dollars or in any other freely convertible currency.
- 12.2 Further, a Bidder wishing to incur a portion of its expenditure in the performance of the Contract in more than one currency (but use no more than two foreign currencies), and wishing to be paid accordingly, shall so indicate in its bid.

12.3 The currencies of payment shall be stated in Particular Conditions of Contract. However, provisions in Sub-Clauses 12.1 & 12.2 above, shall not in any way constitute a contractual or legal binding on the Employer for the payment in the currencies required by the Contractor.

IB.13 Documents Establishing Bidder's Eligibility and Qualifications

13.1 Pursuant to Clause IB.9, the Bidder shall furnish, as part of its Technical bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the Contract, if its bid is accepted.

13.2 The documentary evidence of the Bidder's eligibility to bid shall establish to the Employer's satisfaction that the Bidder, at the time of submission of its bid, is from an eligible source country as defined under Clause IB.2.

13.3 The documentary evidence of the Bidder's qualification to perform the Contract if its bid is accepted, shall establish to the Employer's satisfaction:

- (a) that the bidder has the required/relevant Pakistan Telecommunication Authority certificate (Appendix B to IB);
- (b) that the bidder is registered with SECP, Registrar of Firms or have NTN registration as sole-proprietor (Appendix B to IB);
- (c) that the Bidder has the necessary financial capability and experience (Appendix D to IB);
- (d) that, in the case of a Bidder offering to supply Goods/Services under the Contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the Goods manufacturer/Service Provider to supply the Goods/Services to Pakistan; and
- (e) that, in the case of a Bidder not doing business within Pakistan the Bidder is or will be (if successful) represent an agent in Pakistan equipped and able to fulfill the Supplier's maintenance, repair and parts stocking obligations prescribed in the Conditions of Contract and/or Technical Provisions.

13.4(a) Bidder must possess and provide evidence of the enough relevant / technical experience (Appendix A to Technical Bid). The bidder shall provide performance certificates from the relevant department to ascertain the requisite experience.

- (b) The Bidder shall certify the capacity and capability for performing the Operation and Maintenance Works/Services, qualified man-power and production/delivery of quality materials according to

services/goods and other related information furnished with the bid and the joint venture as well as the partners thereof shall be liable for disqualification in the event of any mis-statement/mis-representation on their part.

The Bidder shall furnish documentary evidence of qualification on the Forms "Evidence of Bidder's Capability" Appendices to the IB.

(c) The bidder should provide evidence of average annual Net Worth (Appendix D to IB).

13.5 Joint Venture

For a Joint Venture to qualify:

- (a) At least one of the partners of joint venture shall satisfy the relevant experience criteria specified in Sub-Clause 13.4(a) hereinabove.
- (b) All firms comprising the joint venture shall be legally constituted and shall meet the eligibility requirement of Sub-Clause 2.1(i) hereof.
- (c) All partners of the joint venture shall at all times and under all circumstances be liable jointly and severally to Employer for the execution of the entire Contract in accordance with the Contract terms and conditions and a statement to this effect shall be included in the authorization mentioned under para (f) below as well as in the Forms of Bid and Form of Contract Agreement (in case of a successful bidder).
- (d) The Forms of Bid, and in the case of successful bidder, the Form of Contract Agreement, shall be signed so as to be legally binding on all partners.
- (e) One of the joint venture partners shall be nominated as being in-charge or "Lead partner" and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners.
- (f) The partner-in-charge shall be authorized to incur liabilities, receive payments and receive instructions for and on behalf of any or all partners of the joint venture.
- (g) A copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments / modifications whatsoever in the joint venture agreement shall be agreed to

between the joint venture partners without prior written consent of the Employer.

- 13.6 The Bidder shall propose, in order of his priority; plant, equipment or goods of not more than three Manufacturers. However, at his own jurisdiction will select only one of such Manufacturers.

IB.14 Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

- 14.1 Pursuant to Clause IB.9, the Bidder shall furnish, as part of its Technical bid, documents establishing the eligibility and conformity to the Bidding Documents of all Goods and Services which the Bidder proposes to perform under the Contract.
- 14.2 The documentary evidence of the Goods and Services eligibility shall establish to the Employer's satisfaction that they will have their origin in an eligible source country as defined under Clause IB.3. A certificate of origin issued at the time of shipment will satisfy the requirements of the said Clause.
- 14.3 The documentary evidence of the Goods and Services' conformity to the Bidding Documents may be in the form of literature, drawings and data and shall furnish:
- (a) A detailed description of the Goods, essential technical and performance characteristics.
 - (b) Complete set of technical information, description data, literature and drawings as required in accordance with Appendix A to Financial Bid, Scope of Services. This will include but not to be limited to the following:
 - (i) A sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the Goods to be furnished.
 - (ii) Details of equipment and machinery with capacity.
 - (iii) Any other information which is required for evaluation purposes.
 - (c) A clause-by-clause commentary on Technical Provisions, provided with the Bidding Documents, demonstrating the Goods' and Services' substantial responsiveness to those Specifications or a statement of deviations and exceptions to the provisions of the Technical Provisions.
- 14.4 For purpose of the commentary to be furnished pursuant to Sub-Clause 14.3(c) above, the Bidder shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers, designated by the Employer in the

Technical Provisions are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names and/or catalogue numbers in its bid, provided that it demonstrates to the Employer's satisfaction that the substitutions are substantially equivalent or superior to those designated in the Technical Provisions. Copies of the standards proposed by the Bidder other than those specified in the Bidding Documents shall be furnished.

IB.15 Bid Security

- 15.1 **Each Bidder shall furnish, as part of his Technical Bid, a Bid Security in the amount of Pakistani Rs. 1.0 Million (Rupees one Million only).**
- 15.2 The Bid Security shall be, at the option of the Bidder, in the form of Deposit at Call or a Bank Guarantee issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistan in favor of the Employer valid for a period Twenty-Eight (28) days beyond the bid validity date.
- 15.3 The Bid Security is required to protect the Employer against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to Sub-Clause 15.7 hereof.
- 15.4 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive, pursuant to Clause IB.24.
- 15.5 The bid securities of first two lowest bidders shall be retained till the award of contract and remaining shall be returned to the respective bidders.
- 15.6 The Bid Security of the successful Bidder will be returned when the Bidder has furnished the required Performance Security, pursuant to Clause IB.34 and signed the Contract Agreement, pursuant to Clause IB.35.
- 15.7 The Bid Security may be forfeited:
- (a) If a Bidder withdraws his bid during the period of bid validity; or
 - (b) If a Bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 24.2 hereof; or
 - (c) In the case of a successful Bidder, if he fails to:
 - (i) Furnish the required Performance Security in accordance with Clause IB.34, or
 - (ii) sign the Contract Agreement, in accordance with Clause IB.35.

IB.16 Validity of Bids

- 16.1 Bids shall remain valid for 180 days after the date of bid opening as prescribed in Clause IB.19.

16.2 In exceptional circumstances prior to expiry of original bid validity period, the Employer may request the Bidders to extend the period of validity for a specified additional period which shall in no case be more than the original bid validity period. The request and the responses thereto shall be made in writing. A Bidder may refuse the request without forfeiture of his Bid Security. A Bidder agreeing to the request will be required to extend the validity of his Bid Security for the period of the extension, and in compliance with Clause IB.15 in all respects in which case, the Employer will be obligated to compensate the Bidders, upon substantiation for their increase in costs (if it is a fixed price bid).

IB.17 Format and Signing of Bid

17.1 Bidders are particularly directed that the amount entered on the Form of Financial Bid shall be for performing the Contract strictly in accordance with the Bidding Documents.

17.2 All Appendices to Bids are to be properly completed and signed.

17.3 No alteration is to be made in the Forms of Bids nor in the Appendices thereto except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.

17.4 Each Bidder shall prepare one (1) Original and one (01) Copy of the documents comprising the bids as described in Clause IB.9 and clearly mark them "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.

17.5 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorizing the signatory of the Bidder to act for and on behalf of the Bidder. All pages of the bids shall be initialed and stamped by the person or persons signing the bids.

17.6 The bids shall contain no alterations, omissions or additions, except to comply with instructions issued by the Employer, or as are necessary to correct errors made by the Bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

17.7 Bidders shall indicate in the space provided in the Forms of Bids their full and proper addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the Contract is to be sent.

17.8 Bidders should retain a copy of the Bidding Documents as their file copy.

**D. SUBMISSION OF BIDS FOR SINGLE STAGE – TWO ENVELOPES
BIDDING PROCEDURE**

IB.18 Sealing and Marking of Bids

18.1 Each bidder shall submit his bid as under:

- (a) ORIGINAL and each COPY of the Bids shall be separately sealed and put in separate envelopes and marked as such.
- (b) The envelopes containing the ORIGINAL and COPIES will be put in one sealed envelope and addressed / identified as given in Sub- Clause 18.2 hereof.
- (c) The Technical & Financial bid should comprise of documents referred in IB 9.1 & shall be placed in separate envelopes in accordance with IB 9.1.

18.2 The inner and outer envelopes shall;

- (a) Be addressed to the Employer at the address provided in the Bidding Data Sheet;
- (b) Bear the Project name, Bid No. and Date of opening of Bid; and
- (c) Provide a warning not to open before the time and date for bid opening as specified in Bid Data Sheet.

18.3 The Bid shall be delivered in person at the address to Employer as given in Bid Data Sheet.

18.4 In addition to the identification required in Sub-Clause 18.2 hereof, the inner envelope shall indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared “late” pursuant to Clause IB.20.

18.5 If the outer envelope is not sealed and marked as above, the Employer will assume no responsibility for the misplacement or premature opening of the bid.

IB.19 Deadline for Submission of Bids

- 19.1 (a) Bids must be received by the Employer at the address specified not later than the time and date stipulated in the Bid Data Sheet either in person or by authorized messenger.
- (b) Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that specified above. Bidders shall bear all expenses incurred in the preparation and delivery of bids. No claims for refund of each expense will be entertained.
- (c) Where delivery of a bid is by mail and the Bidder wishes to receive an acknowledgment of receipt of the bid, he shall make a request

for such acknowledgment letter attached to but not included in the sealed bid package. **Not Applicable**

(d) Acknowledgment of receipt of bids may be provided upon request.

19.2 Bids submitted through mail, telegraph, telex, fax or e-mail shall not be considered.

19.3 The Employer may, at his discretion, extend the deadline for submission of bids by issuing an addendum in accordance with Clause IB.7, in which case all rights and obligations of the Employer and the Bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

IB.20 Late Bids

20.1 (a) Any bid received by the Employer after the deadline for submission of bids prescribed in Clause IB.19 will be returned unopened to such Bidder.

(b) Delays of person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the Bidder's responsibility to determine the manner in which timely delivery of his bid will be accomplished either in person or by messenger.

IB.21 Modification, Substitution and Withdrawal of Bids

21.1 Any Bidder may modify, substitute or withdraw his bid after bid submission provided that modification, substitution or written notice of the withdrawal is received by the Employer prior to the deadline for submission of bids.

21.2 The modification, substitution or notice for withdrawal of any bid shall be prepared, sealed, marked and delivered in accordance with the provisions of Clause IB.18 with the outer and inner envelopes additionally marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL", as appropriate.

21.3 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Forms of Bids may result in forfeiture of the Bid Security pursuant to Clause IB.15.

E. BID OPENING AND EVALUATION FOR SINGLE STAGE TWO – ENVELOPE BIDDING PROCEDURE

IB.22 Bid Opening

22.1 A committee consisting of nominated members by the Employer will open the Technical Bids in public at the address, date and time specified in the Bid Data Sheet in the presence of Bidders' designated

representatives and anyone who choose to attend. The Financial Bids will remain unopened and will be held in custody of the Employer until the specified time of their opening.

- 22.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding Withdrawal Notice contains a valid authorization to request the withdrawal and is read out at bid opening.
- 22.3 Second, outer envelopes marked "SUBSTITUTION" shall be opened. The inner envelopes containing the Substitution Technical Bid and/or Substitution Financial Bid shall be exchanged for the corresponding envelopes being substituted, which are to be returned to the Bidder unopened. Only the Substitution Technical Bid, if any, shall be opened, read out, and recorded. Substitution Financial Bid will remain unopened in accordance with IB 22.1. No envelope shall be substituted unless the corresponding substitution Notice contains a valid authorization to request the substitution and is read out and recorded at bid opening.
- 22.4 Next, outer envelopes marked "MODIFICATION" shall be opened. No Technical Bid and/or Financial Bid shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at the opening of Technical Bids. Only the Technical Bids, both Original as well as Modification, are to be opened, read out, and recorded at the opening. Financial Bids, both Original and Modification, will remain unopened in accordance with IB 22.1. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record.
- 22.5 Other envelopes holding the Technical Bids shall be opened one at a time, and the following read out and recorded:
 - (a) the name of the Bidder;
 - (b) whether there is a modification or substitution;
 - (c) the presence of a Bid Security, if required; and
 - (d) Any other details as the Employer may consider appropriate.

No Bid shall be rejected at the opening of Technical Bids except for late bids, in accordance with IB 20.1. Only Technical Bids read out and recorded at bid opening, shall be considered for evaluation.

Preliminary Examination of Technical Bids

- 22.6 a) The Employer shall first examine qualification and experience Data as per requirements submitted by the Bidder. The technical proposal examination of those bidders only shall be taken in hand who meet the minimum requirement. Only

substantially responsive qualification shall be considered for further evaluation.

- b) The Employer shall examine the Technical Bid to confirm that all the documents have been provided, and to determine the completeness of each document submitted.

22.7 The Employer shall confirm that all the documents and information have been provided for evaluation of Technical bid as required under these bidding documents.

22.8 At the end of the evaluation of the Technical Bids, the Employer will invite only those bidders who have submitted substantially responsive Technical Bids and who have been determined as being qualified for award to attend the opening of the Financial Bids.

The date, time, and location of the opening of Financial Bids will be advised in writing by the Employer. Bidders shall be given reasonable notice for the opening of Financial Bids.

22.9 The Employer will notify Bidders in writing who have been rejected on the grounds of their Technical Bids being substantially non-responsive to the requirements of the Bidding Document and return their Financial Bids unopened before inviting others, who are determined as being qualified, to attend the opening of Financial Bids.

22.10 The Employer shall conduct the opening of Financial Bids of all Bidders who submitted substantially responsive Technical Bids, publically in the presence of Bidders' representatives who choose to attend at the address, date and time specified by the Employer. The Bidder's representatives who are present shall be requested to sign a register evidencing their attendance.

22.11 All envelopes containing Financial Bids shall be opened one at a time and the following read out and recorded:

- (a) The name of the Bidder;
- (b) Whether there is a modification or substitution;
- (c) The Bid Prices, including any discounts and alternative offers; and
- (d) Any other details as the Employer may consider appropriate.

Only Financial Bids and discounts, read out and recorded during the opening of Financial Bids shall be considered for evaluation. No Bid shall be rejected at the opening of Financial Bids.

22.12 If this Bidding Document allows Bidders to quote separate prices for different contracts and the award to a single Bidder of multiple contracts, the contract combination with the lowest evaluated price of the contract combinations is that which is most economical to the Employer.

IB.23 Clarification of Bids

23.1 To assist in the examination, evaluation and comparison of Bids the Employer may, at his discretion, ask the Bidder for a clarification of his Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted.

IB.24 Preliminary Examination & Determination of Responsiveness of Bids

24.1 Prior to the detailed evaluation of bids, pursuant to Clause IB.26:

- (a) the Employer will examine the Bids to determine whether;
 - (i) The Bid is complete and does not deviate from the scope,
 - (ii) Any computational errors have been made,
 - (iii) Required sureties have been furnished,
 - (iv) The documents have been properly signed,
 - (v) The Bid is valid till required period,
 - (vi) The Bid prices are firm during currency of contract if it is a fixed price bid,
 - (vii) Completion period offered is within specified limits,
 - (viii) The Bidder/Manufacturer is eligible to Bid and possesses the requisite experience,
 - (ix) The Bid does not deviate from basic technical requirements, and
 - (x) The Bids are generally in order.

- (b) A bid is likely not to be considered, if;
 - (i) it is unsigned,
 - (ii) its validity is less than specified,
 - (iii) it is submitted for incomplete scope of work,
 - (iv) it indicates completion period later than specified,
 - (v) it indicates that Works/Services and materials to be supplied do not meet eligibility requirements,
 - (vi) it indicates that Bid prices do not include the amount of income tax.

- (c) A bid will not be considered, if;
 - (i) It is not accompanied with bid security,
 - (ii) It is submitted by a Bidder who has participated in more than one bid,
 - (iii) It is received after the deadline for submission of bids,
 - (iv) It is submitted through fax, telex, telegram or email,
 - (v) It indicates that prices quoted are not firm during currency of the contract whereas the Bidders are required to quote fixed price(s),
 - (vi) The Bidder refuses to accept arithmetic correction,

- (vii) it is materially and substantially different from the Conditions/ Specifications of the Bidding Documents.

24.2 Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the total Bid price entered in Form of Bid and the total shown in Schedule of Prices Summary, the amount stated in the Form of Bid will be corrected by the Employer in accordance with the Corrected Schedule of Prices.

If the Bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.

24.3 Prior to the detailed evaluation pursuant to Clause IB.26, the Employer will determine the substantial responsiveness of each Bid to the Bidding Documents. For purpose of these Clauses, a substantially responsive Bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations.

A material deviation or reservation is one

- (i) Which affects in any substantial way the scope, quality or performance of the Works/Services.
- (ii) Which limits in any substantial way, inconsistent with the Bidding Documents, the Employer's rights or the Bidder's obligations under the Contract; or
- (iii) whose rectification/adoption would affect unfairly the competitive position of other Bidders presenting substantially responsive bids.

The Employer's determination of a Bid's responsiveness will be based on the contents of the Bid itself without recourse to extrinsic evidence.

24.4 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the Bidder by correction of the non-conformity.

24.5 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation may be waived by Employer, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

IB.25 Conversion to Single Currency

25.1 To facilitate evaluation and comparison, the Employer will convert, all Bid Prices expressed in the amount currencies in which Bid Price is payable, into a single currency by transfer and Over Draft (TT&OD) composite (selling) exchange rates

Not Applicable

published/authorized by State Bank of Pakistan and applicable to similar transactions, on the date of the opening of Bids.

IB.26 Detailed Evaluation of Bids

26.1 The Employer will evaluate and compare only the bids previously determined to be substantially responsive pursuant to Clause IB.24 as per requirements given hereunder.

26.2 Evaluation and Comparison of Bids

(a) Bids will be evaluated for each item and/or complete scope of work/Services.

(b) Basis of Price Comparison
The prices will be compared on the basis of the Evaluated Bid Price pursuant to Para (e) herein below.

(c) Technical Evaluation
Technical Qualification Criteria is as under:

Sr.	Description	Max Marks	
i.	Last mile connectivity as mentioned in the scope of bid	Must meet	
ii.	Relevant/ Specific Experience(Appendix A to Technical Bid)	5 marks per year	15
iii.	Resolution Time for the following in case of breakdown(Appendix B to Technical Bid)		15
	Category-I: Fault in communication medium	05	
	Category-II: Hardware damage/Theft	05	
	Category-III: Software/Configuration problems	05	
iv.	Latency in communication links (Appendix B to Technical Bid) (Must be less than 71ms otherwise disqualified)	≤ 50ms	20
		≤ 60ms	15
		≤ 70ms	07
Total			50

Note: The Technical Qualifying marks ≥ 30 . A bidder scoring less than thirty (30) marks shall stand technically disqualified and financial bid shall be returned un-opened.

(d) Commercial Evaluation
It will be examined in detail whether the bids comply with the commercial/contractual conditions of the Bidding Documents. It is expected that no major deviation/stipulation shall be taken by the Bidders.

(e) Evaluated Bid Price
In evaluating the bids, the Employer will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

(i) Making any correction for errors pursuant to Sub-Clause 24.2 hereof. (ii) Deleted.

(ii) Making an appropriate adjustment for any other acceptable variation or deviation.

26.3 Evaluation Methods

Pursuant to Sub-Clause 26.2, Para (e)(iii), following evaluation methods for price adjustments will be followed:

- Not Applicable**
- (a) Price Adjustment for Omissions in Scope of Work / Services
 - (b) Price Adjustment for Technical Compliance
 - (c) Price Adjustment for Commercial Compliance
 - (d) Price Adjustment for Deviations in Terms of Payment
 - (e) Price Adjustment for Completion Schedule
- (i) Price Adjustment for Completeness in Scope of Work / Services
In case of omission in the scope of work / Services of a quoted item no price adjustment for the omitted item(s) shall be applied provided that the Bidder has mentioned in the Bid that the same is covered in any other item.

The price adjustment shall not justify any additional payment by the Employer. The price(s) of omitted item(s) shall be deemed covered by other prices of the Schedule of Prices.

- (ii) Price Adjustment for Technical Compliance
- The cost of making good any deficiency resulting from technical non compliance will be added to the Corrected Total Bid Price for comparison purposes only. The adjustments will be applied taking the highest price by other Bidders being evaluated in detail in their final bids for corresponding item. In case of non availability from other Bidders, the price will be estimated by the Employer.

- (iii) Price Adjustment for Commercial Compliance
- The cost of making good any deficiency resulting from any quantifiable variations and deviations from the Bid Schedules and Conditions of Contract as determined by the Employer will be added to the Corrected Total Bid Price for comparison purpose only. Adjustment for commercial compliance will be based on Corrected Total Bid Prices.

- (iv) Price Adjustment for Deviation in Terms of Payment
- If a bid deviates from the terms of payment/payment conditions as specified in the Conditions of Contract and if such deviation is considered acceptable to the Employer, mark-up earned for any earlier payments involved in the terms outlined in the Bid as compared to those stipulated in the Conditions of Contract shall be calculated at the following mark-up rates:

- for foreign currency component: _____ per annum
(insert rate)
- for local currency component: _____ per annum
(insert rate)

and shall be added to the Corrected Total Bid Price for comparison purposes only.

(v) Price Adjustment for Completion Schedule

Bids indicating completion in advance of the dates stated in Conditions of Contract, no credit will be given in this evaluation.

Bids indicating completion period later than the period set out in Conditions of Contract shall be adjusted in the evaluation by adding a factor of 0.05% of the Corrected Total Bid Price for each calendar day of completion later than specified period of the completion.

Bids indicating completion beyond (insert number) days later than the dates set out in Conditions of Contract (PCC 1.2), shall not be considered and rejected as non responsive.

- 26.4 If the bid of the successful Bidder is seriously unbalanced in relation to the Employer's estimate of the cost of work to be performed under the Contract, the Employer may require the Bidder to produce detailed price analyses for any or all items of the Schedule of Prices to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the Employer may require that the amount of the Performance Security set forth in Clause IB.34 be increased at the expense of the successful Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract.

IB.27 Domestic Preference

27.1 In the comparison of evaluated Bids, the Goods manufactured in Pakistan, will be granted a margin of preference in accordance with the following procedures, provided the Bidder shall have established to the satisfaction of Employer that the manufacturing cost of such Goods includes a domestic value addition equal to at least 20% of the ex-factory Bid price of such Goods. Bidders applying for domestic preference shall fill in Appendix C of these Instructions to substantiate their claim.

27.2 The Employer will first review the Bids to determine, the Bid group classification in accordance with Sub-clause 10.2 hereof.

27.3 The comparison shall be Ex-factory price of the Goods to be offered from within Pakistan (such prices include all costs as well as custom duties and taxes paid or payable on raw materials and components incorporated or to be incorporated in the Goods) and the DDP (CIF + Customs duty, sales tax and other import charges) Pakistan seaport price of the Goods to be offered from outside Pakistan.

- 27.4 The lowest evaluated bid of each Group shall first be determined by comparing all evaluated bids in each Group among themselves taking into account:
- (a) In the case of Goods manufactured in Pakistan, sales tax, local body charges and other similar taxes which will be payable on the furnished Goods in Pakistan.
 - (b) In the case of Goods of foreign origin offered from abroad, customs duties, sales tax and other import charges which will be payable on furnished Goods in Pakistan.
 - (c) In the case of Goods of foreign origin already located in Pakistan, customs duty, sales tax and port charges on CIF price as applicable for Sub-Clause 27.4 herein above.
- 27.5 The price preference to Group A bids will be:
- (i) 15% of the ex-factory bid price, if the value addition through indigenous manufacturing is at least 20%;
 - (ii) 20% of the ex-factory bid price, if the value addition through indigenous manufacturing is at least 25% and up to 30%; and
 - (iii) 25% of the ex-factory bid price, if the value addition through indigenous manufacturing is over 30%.
- 27.6 The applicable price preference i.e., as per Sub-Clause 27.5 herein above will be applied to Group A Bid by reducing the ex-factory bid price.
- 27.7 The computation for the purpose of domestic preference under sub-clause 10.2 and clause 27.5 and award of contract shall be subject to change as per policy of the Federal Government as applicable on the date of bid opening.

IB.28 Process to be Confidential

- 28.1 Subject to Clause 23 heretofore, no Bidder shall contact Employer on any matter relating to his Bid from the time of the Bid opening to the time the bid evaluation result is announced by the Employer. The evaluation result shall be announced at least ten (10) days prior to award of Contract. The announcement to all Bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated.
- 28.2 Any effort by a Bidder to influence Employer in the Bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of his Bid. Whereas any Bidder feeling aggrieved may lodge a written complaint not later than fifteen (15) days after the announcement of the bid evaluation result; however, mere fact of lodging a complaint shall not warrant suspension of the procurement process.

F. AWARD OF CONTRACT

IB.29. Post-Qualification

29.1 The Employer, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in supplier's or contractor's capacities, may require the suppliers or contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

Provided that such qualification shall only be laid down after recording reasons therefore in writing. They shall form part of the records of that bid evaluation report.

29.2 The determination will take into account the Bidder's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualification submitted under Appendices to Instructions to Bidders "Evidence of Bidder's Capability" by the Bidder pursuant to Clause IB.13, as well as such other information as required under the Bidding Documents.

29.3 An affirmative determination will be a pre-requisite for award of the Contract to the lowest evaluated Bidder. A negative determination will result in rejection of that Bidder's bid in which event, Employer will proceed to undertake a similar determination of the next lowest evaluated Bidder's capabilities to perform the Contract satisfactorily.

IB.30 Award Criteria

30.1 Subject to Clause IB.32, the Employer will award the Contract to the Bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such Bidder has been determined to be eligible in accordance with the provisions of clause IB.2 qualified to satisfactorily perform the Contract in accordance with the provisions of Clause IB.29.

IB.31 Employer's Right to Vary Quantities

31.1 Employer reserves the right at the time of award of contract to increase or decrease by upto 15% the quantity of Goods and Services specified in the Schedule of Prices without any change in the unit price or other terms and conditions.

IB.32 Employer's Right to Accept any Bid and to Reject any or all Bids

32.1 Notwithstanding Clause IB.30, the Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected Bidders or any obligation to inform the affected Bidders of the grounds for the Employer's action except that the grounds for its rejection shall upon request be communicated, to any Bidder who submitted a bid, without

justification of grounds. Rejection of all bids shall be notified to all Bidders promptly.

- 32.2 No negotiations with the Bidder having been evaluated as lowest responsive or any other Bidder shall be permitted. However, the Employer may have clarification meeting(s) to get clarify any item(s) in the bid evaluation report.

IB.33 Notification of Award

- 33.1 Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful Bidder in writing ("Letter of Acceptance") that his bid has been accepted. This letter may name the sum which the Employer will pay the Contractor in consideration of the execution and completion of the Works/Services by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called the "Contract Price").
- 33.2 The Letter of Acceptance and its acceptance by the Bidder will constitute the formation of the Contract, binding the Employer and the Bidder till signing of the formal Contract Agreement.
- 33.3 Upon furnishing by the successful Bidder of a Performance Security, the Employer will promptly notify the other Bidders that their bids have been unsuccessful and return their bid securities.

IB.34 Performance Security

- 34.1 The successful Bidder shall furnish to the Employer a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of twenty eight (28) days after the receipt of Letter of Acceptance.
- 34.2 Failure of the successful Bidder to comply with the requirements of Sub-Clause IB.34.1 or Clause IB.35 or Clause IB.43 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

IB.35 Signing of Contract Agreement

- 35.1 Within fourteen (14) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Employer will send to the successful Bidder the Form of Contract Agreement provided in the Bidding Documents, duly filled in and incorporating all agreements between the parties for signing and returning it to the Employer.
- 35.2 The formal Agreement between the Employer and the successful Bidder shall be executed within fourteen (14) days of the receipt of such Form of Contract Agreement by the successful Bidder from the Employer.

G. ADDITIONAL INSTRUCTIONS

IB.36 Instructions not Part of Contract

36.1 Bids shall be prepared and submitted in accordance with these Instructions which are provided to assist Bidders in preparing their bids, and do not constitute part of the Bid or the Contract Documents.

IB.37 Contract Documents

37.1 The Documents which will be included in the Contract are listed in the Form of Contract Agreement set out in these Bidding Documents.

IB.38 Sufficiency of Bid

38.1 Each Bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the rates and prices entered in the Schedule of Prices. Except insofar as it is otherwise expressly provided in the Contract, the rates and prices entered in the Schedule of Prices shall cover all his obligations under the Contract and all matters and things necessary for the proper completion of the Works/Services.

IB.39 One Bid per Bidder

39.1 Each Bidder shall submit only one bid either by himself, or as a partner in a joint venture. A Bidder who submits more than one bid (other than alternatives pursuant to Clause IB.41) will be disqualified and bids submitted by him shall not be considered for evaluation and award.

IB.40 Bidder to Inform Himself

40.1 The Bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a Contract for execution of the subject Services.

This shall include but not be limited to the following:

- a. Inquiries on Pakistani Income Tax/Sales Tax/Surcharge or any other Levy imposed by the Government of Pakistan to the Commissioner of the Income Tax and Sales Tax, Islamabad Pakistan.

IB.41 Alternate Proposals by Bidder

41.1 Any Bidder should consider that he can offer any advantage to the Employer by a modification to the designs, specifications or other conditions, he may, in addition to his bid to be submitted in strict compliance with the Bidding Documents, submit any Alternate Proposal(s) containing (a) relevant design calculations; (b) technical specifications; (c) proposed construction methodology; and (d) any other relevant details / conditions, provided always that the total sum entered in the Form of Bid shall be that which represents complete compliance with the Bidding Documents.

41.2 Alternate Proposal(s), if any, of the lowest evaluated responsive Bidder only may be considered by the Employer as the basis for the award of Contract to such Bidder.

IB.42 Local Conditions

42.1 Bidder must verify and supplement by his own investigations the information about site. However, Employer may assist the Bidder wherever practicable and possible.

IB.43 Pre-Bid Meeting

43.1 A Pre-Bid meeting shall be held on time, date & venue as detailed in Bid Data Sheet to clarify and answer any questions on matters related to Bidding Document. Minutes of the Pre-Bid meeting shall be made an addendum to these Bidding Documents.

IB.44 Integrity Pact

44.1 The Bidder shall sign and stamp the Integrity Pact provided at Appendix-C to Financial Bid in the Bidding Document for all Federal Government procurement contracts exceeding Rupees ten (10) million. Failure to provide such Integrity Pact shall make the bid non-responsive.

General Manager (Revenue)
National Highway Authority
Islamabad.

**Appendix A to
Instructions to Bidders**

ELIGIBLE COUNTRIES UNDERTAKING

As per rules of trade & business by the Government of Pakistan.

EVIDENCE OF BIDDER'S REGISTRATIONS

[Note: Bidders to provide the following information in the technical bid and indicate herein its references where this information is available.]

1. Bidder's Legal Name <i>[insert Bidder's legal name]</i>
2. In case of JV, legal name of each party: <i>[insert legal name of each party in JV]</i>
3. Bidder's actual Country of Registration: <i>[insert actual or intended Country of Registration]</i>
4. Bidder's Year of Registration: <i>[insert Bidder's year of registration]</i>
5. Bidder's Legal Address in Country of Registration: <i>[insert Bidder's legal address in country of registration]</i>
6. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name with CNIC Number]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attach copies of following documents: <input type="checkbox"/> PTA Certificate/ License. <input type="checkbox"/> In case of Company, Articles of Incorporation SECP Company Certificate for named in 1, above. <input type="checkbox"/> In case of Firm, Registration certificate from Registrar of Firms for named in 1, above. <input type="checkbox"/> In case of Sole-Proprietor, NTN certificate for named in 1, above. <input type="checkbox"/> In case of JV, JV agreement duly notarized pursuant to IB 13.5. <input type="checkbox"/> In case of government owned entity, documents establishing legal and financial autonomy and compliance with commercial law. <input type="checkbox"/> CNIC of the Owner, Directors and of each partner.

Signature

**Appendix C to
Instructions to Bidders**

Domestic Goods (Value added in Pakistan)

[Bidders claiming eligibility for domestic preference should fill in for supply items only, all columns hereunder and provide documentation to substantiate their claim]necessary

Sr. No.	Description of Indigenous Goods	Unit	Qty	Total Price of Goods Ex-Factory (Pak Rs.)	Domestic value added in the manufacturing process (Pak Rs.)	Amount of value addition (Pak Rs.)
1	2	3	4	5	6	7
Total in columns 5 to 7						

Computations:

- A. Total amount of Value Addition (from Col.7)
Rs _____
- B. Total Ex-Factory Price of Indigenous Goods (from Col.5)
Rs _____
- C. Total Domestic Price of imported supply items
Rs _____
- D. Total Domestic Price of supply items [B+C]
Rs _____
- E. % of value addition = $[(A/D) \times 100]$ _____ %
- F. Domestic Preference = (15, 20 or 25)% of B
Rs _____

**Appendix D to
Instructions to Bidders**

FINANCIAL POSITION OF THE FIRM

Audit Reports for the year (2017-18, 2016-17 and 2015-16) by Chartered Accountant, evidencing cash flow duly signed & stamped by the bidder shall be provided.

Date: _____, 2019

Applicant's Legal Name: _____

Joint Venture Party Legal Name: _____

[The following table shall be filled in for the Applicant and for each partner of a Joint Venture]

Financial information	Historic information for previous years (Rupees in millions)		
	2017/18	2016/17	2015/16
Total Assets (TA)			
Total Liabilities (TL)			
Net Worth (NW)			
Net Worth (Average)*			

- **Attach Audit Reports for the year (2017-18, 2016-17 and 2015-16)** by Chartered Accountant, evidencing cash flow duly signed & stamped by the bidder.

BID DATA SHEET

Bid Data Sheet

The following specific data for the Works to be bided shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.

1.1 Name and address of the Employer:

Chairman

National Highway Authority.
27-28 Mauve Area, G-9/1
Islamabad.

2.1 Name of the Assignment:

“PROVISION & MAINTENANCE OF DATA COMMUNICATION MEDIUM BETWEEN ETTM TOLL PLAZAS/TOC AT NHA ROAD NETWORK AND OPERATION CENTRE AT NHA HQ ISLAMABAD”

3.1 The authorized representatives of Employer are:

- i. Member (Finance) NHA HQ
- ii. General Manager (Revenue) NHA HQ
- iii. General Manager (Region Concerned) NHA.

4.1 The number of copies of the Proposal required: One Original & One copy.

4.2 The Bidder shall submit the following documents with its Bids:

(a) Technical Bid

- i. Eligibility & Qualification Documents
(Appendices A to D for Instructions to Bidders)
- ii. Technical Bid Form and Appendices A to F
- iii. Bid Security (IB.15)
- iv. Written confirmation authorizing the signatory of the Bid to commit the Bidder (IB.17.5)

(b) Financial Bid

- i. Financial Bid Form with Appendices A to C
- ii. Integrity Pact (If Applicable pursuant to IB.44)
- iii. Schedules of Prices

5.1 The address for seeking clarification and writing on the proposal:

Office of General Manager (Revenue)

National Highway Authority,
28th Mauve Area,
G-9/1, Islamabad

6.1 Period of Bid Validity: **180 Days**

7.1 Amount of Bid Security: **Rs. 1.0 Million**

Form: Pay order/Demand Draft/Bank Guarantee in favour of the “Road Maintenance Account, National Highway Authority, Islamabad”.

Validity: 28 days beyond the bid validity period i.e.208 days after bid opening date.

8.1 Venue, time, and date of the pre-Bid meeting:

24-03-2020 at 1100 Hrs
NHA Auditorium
28, Mauve Area, G-9/1,
Islamabad.

9.1 Employer's address for the purpose of Bid submission:

Office of General Manager (Revenue)
National Highway Authority,
28 Mauve Area,
G-9/1, Islamabad

10.1 Deadline for submission of bids:

07-04-2020 at 1200 Hrs

11.1 Venue, time, and date of Technical Proposal opening:

07-04-2020 at 1230 Hrs

12.1 Standard form and amount of Performance Security/Bond acceptable to the Employer as detailed in Clause 8.2:

Amount: One (01) Million

Form: Pay order/Demand Draft/Bank Guarantee in favour of the “Road Maintenance Account, National Highway Authority, Islamabad”.

Validity: 28 days beyond the expiry of contract period.

13.1 Period of Contract

Period of contract shall be 03 years from the date of commencement and extendable for further two terms of one (01) year each on same terms and conditions subject to satisfactory performance and mutual consent.

14.1 **Maximum Installation Time for provision of Data Connectivity Medium for sites will be six (06) weeks. In case of delay Rs. 2500/= shall be applied as penalty per site per day and will be recovered from invoices/performance guarantees.**

**TECHNICAL BID FORM
AND APPENDICES**

Technical Bid Form

PROVISION & MAINTENANCE OF DATA COMMUNICATION MEDIUM BETWEEN ETTM TOLL PLAZAS/TOC AT NHA ROAD NETWORK AND OPERATION CENTRE AT NHA HQ ISLAMABAD

To: General Manager (Revenue)
National Highway Authority,
Islamabad, Pakistan.

We, the undersigned, declare that:

We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (IB) 9;

We offer to execute and complete in conformity with the Bidding Documents the subject Services.

Our Bid consisting of the Technical Bid and the Financial Bid shall be valid for a period of 180 days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

As security for due performance of the under takings and obligations of our bid, we submit here with a Bid security, in the amount specified in Bidding Data Sheet, which is valid (at least) 28 days beyond validity of Bid itself.

We agree to permit Employer or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors. This permission is extended for verification of any information provided in our Technical Bid which comprises all documents enclosed herewith.

We confirm, if our Bid is accepted, that all partners of the joint venture shall be liable jointly and severally for the execution of the Contract and the composition or the constitution of the joint venture shall not be altered without the prior consent of the Owner. (Please delete in case of Bid from a single firm).

Name
In the capacity of
Signed
.....
Duly authorized to sign the Bid for and on behalf of
Date
Address.....

**APPENDIXA to
Technical Bid**

SAMPLE RELEVANT/SPECIFIC EXPERIENCE FORM

[Note: Bidders shall provide performance certificates from the relevant department to ascertain the requisite experience.]

Assignment Name:		
Location within Country:	Professional provided by your Organization (at additional sheet if required):	Staff by your Organization (at additional sheet if required):
Name of Client:	No. of Staff:	
Address of the Client with name of contract person with telephone, mobile and e-mail:	No. of Staff Months:	
Start Date (Month/Year):	Completion Date (Month/Year):	Approx. Value of Services (in Current Rs.)
Name of Associated Firm (s)/Sub-Contractor, if any:	Type of Services Provided: (i) Equipment/machinery (ii) Details of Technical Support (iii) Detail of Professional/Technical Staff (iv) No. of man-months by professional/technical staff	
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed:		
Narrative Description of Project		
Description of Actual Services Provided by Your Organization on the Project including the following:- (i) Type & description of equipment/machinery used, brand name, manufacturer & etc. (ii) Technical Support Services including maintenance and repair services for specified duration and year.		

Firm's Name: _____

Signature: _____

RESPONSE/RESOLUTION TIME & LATENCY IN COMMUNICATION LINKS

Please provide here Response time & Latency in Communication links. This will become part of contract agreement.

Description	Quoted time
Latency in links (milliseconds)	≤ 50ms
Response/Resolution Time for the following in case of breakdown (hours)	
Category-I: Fault in communication medium	12 Hours Maximum
Category-II: Hardware damage/Theft	06 Hours Maximum
Category-III: Software/Configuration problems	03 Hours Maximum

In case of any delay in above requirement during the currency of contract the bidder will be charged with penalties as per relevant clauses given in (BDS.14.1) GCC and SCC.

Firm's Name: _____

Signature: _____

METHOD OF PERFORMING THE WORKS/SERVICES

The Bidder is required to submit a narrative outlining the method of performing the Works/Services. The narrative should indicate in detail and include but not be limited to:

Sr	Location	Route	Offered last mile connectivity
1	Gujranwala	N-5	
2	Okara	N-5	
3	Khanbela	N-5	
4	IMDCW (Barakahu)	N-75	
5	Kohat Tunnel	N-55	
6	Attabad Tunnel (05 Nos.)	N-35	
7	Lowari Tunnel (02 Nos.)	N-40	
8	M-3 TOC Rajana	M-3	
9	M-5 TOC Tranda M. Panah	M-5	
10	Havailian-Thakot TOC Mansehra	KKH-II	

- The sequence and methods in which he proposes to carry out the Works/Services, including the number of shifts per day and hours per shift, he expects to work.
- A list of all major items of constructional and erection plant, tools and vehicles proposed to be used in carrying out the Works/Services at Site, including number of each kind, make, type, capacity of all equipment, working condition, which shall be deployed by him for Civil Work and Erection, Testing and Commissioning of the Works, in sufficient detail to demonstrate fully that the equipment will meet all the requirements of the Technical Provisions.
- The procedure for installation of equipment and machinery and transportation of equipment and materials to the site.
- Details regarding mobilization in Pakistan, the type of facilities including personnel accommodation, office accommodation, provision for maintenance and for storage, communications, security and other services to be used.
- Organization chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done and Services to be performed under the Contract.

**APPENDIX – D TO
Technical Bid**

PROPOSED ORGANIZATION

The Bidder shall list in this Schedule the key personnel he will hire/employ from/for Head office and for Site office to direct and execute the Works and perform the Services, together with their names, qualifications, experience, positions held and their nationalities.

Designation	Name of Person	Summary of Qualifications	Experience	Present Position	Nationality

- Head Office:

NOTICES AND COMMUNICATION PROTOCOLS

[This Appendix of notification and communication protocols should incorporate any processes beyond those defined in Sub-Clause 15.7 for Notices required by the Agreement and for other communications between Owner and Operator. The protocols should include primary and alternate contact information. The protocols should also define the procedures for Operator's communication and dealings with certain third parties on Owner's behalf, as may be required under various other Project Agreements or if the Operator is required to act as agent for the Owner.]

**APPENDIX-F TO
Technical Bid**

WORKS/SERVICES TO BE PERFORMED BY SUBCONTRACTORS

The Bidder will do the work with his own forces except the work listed below which he intends to sub-contract.

<u>Items of Work /Services to be previously Sub-Contracted</u>	<u>Name and address of Sub-Contractor</u>	<u>Statement of similar works/services executed (attach evidence)</u>
--	---	---

Note:

1. No change of Sub-Contractor shall be made by the Bidder without prior approval of the Owner.
2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the Bidder. The Owner's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
3. Statement of similar works/Services shall include description, location & value of work/services, year completed and name & address of the clients.

**EQUIPEMENT TO BE INSTALLED UNDER THIS CONTRACT
AT NHA's PREMISES**

- The bidder shall provide part wise specifications & datasheets, details of warranties of Equipment to be procured under this contract and the same shall become the property of NHA.
- The bidder shall install all the required switches and routers at sites as required for configuration.

**FINANCIAL BID FORM
AND APPENDICES**

FINANCIAL BID FORM
(To be sealed in separate envelope along with Appendices)

**PROVISION & MAINTENANCE OF DATA COMMUNICATION MEDIUM
BETWEEN ETTM TOLL PLAZAS/TOC AT NHA NETWORK AND
OPERATION CENTRE AT NHA HQ ISLAMABAD**

To: General Manager (Revenue)
National Highway Authority,
Islamabad, Pakistan.

We, the undersigned, declare that:

1. Having examined the Bidding Documents including Instructions to Bidders, Conditions of Contract, Specifications, Drawings, Schedule of Prices and Addenda Nos. _____ for the execution of the above-named Works/Services, we, the undersigned, being a bidder doing business under the name of _____ and address _____ and being duly incorporated under the laws of _____ hereby offer to execute and complete such Works/Services and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price as under.

i. One Time Installation Charges*

Sr.	Toll Plaza	Route	Last mile connectivity	Installation Charges (Rs)
1	Gujranwala	N-5	Optical Fiber	
2	Okara	N-5	Optical Fiber	
3	Khanbela	N-5	Wireless	
4	IMDCW (Barakahu)	N-75	Optical Fiber	
5	Kohat Tunnel	N-55	Wireless/VSAT	
6	Attabad Tunnel	N-35	VSAT	
7	Lawari Tunnel	N-40	VSAT	
8	M-3 TOC Rajana	M-3	Optical Fiber	
9	M-5 TOC Tranda M. Panah	M-5	Optical Fiber/Wireless	
10	Havailian-Thakot	KKH-II	Wireless	
11	Operation Center, NHA HQ	ISB	Optical Fiber	
	Totals (A)			

ii. Monthly Recurring Charges for Dedicated CIR rate per site: (CIR: Committed Information Rate) for Fiber / Wireless

Sr.	Bandwidth Range (CIR/ Dedicated)	Monthly Recurring Cost (Rs.)
1.	04 Mbps	Rs.
2.	08 Mbps	Rs.
3.	12 Mbps	Rs.
4.	16 Mbps	Rs.
5.	20 Mbps	Rs.
6.	24 Mbps	Rs.
7.	28 Mbps	Rs.
8.	32 Mbps	Rs.
9.	36 Mbps	Rs.
10.	40 Mbps	Rs.
	Total (B)	Rs. _____

**iii. Monthly Recurring Charges rate per site for VSAT:
Contention Ratio 1:05**

Sr.	Bandwidth Range (CIR/ Dedicated)	Monthly Recurring Cost (Rs.)
1.	01 Mbps	Rs.
2.	02 Mbps	Rs.
3.	03 Mbps	Rs.
4.	04 Mbps	Rs.
Total (C)		Rs. _____

iv. Costs at NHA HQ:

1.	Internet connection of 15 Mbps at NHA HQ.	Rs.
2.	Salary of 02x Support Engineer as mention in scope of services.	Rs.
Total (D)		Rs. _____/-

The lowest bidder shall be declared as successful after declaring its bid responsive and to be evaluated on the basis of following formula:

Total Bid Amount = A + (B x no. of locations on fiber / wireless) + (C x locations on VSAT) + D = _____/-

(In words) _____

Notes:

- i. Total Contract Cost shall be as under:**
Quoted Highest Bandwidth price x no. of site x 36 months
 - ii. The Capital *One Time Installation cost shall be paid in installments throughout the contract period that is**
Monthly Installment = A/36
 - iii. The supply, installation, commissioning, maintenance including repairs/ replacements, future upgrades (if any) and operation of connectivity related equipment shall remain the responsibility of bidder during the currency of contract and all related costs be accounted in the Bid.
 - iv. The employers reserve the right to select any bandwidth for any location as per site requirements.
 - v. All the prices shall be inclusive of all government taxes.
 - vi. The prices shall be effective from the date of commencement for the full contract period without any escalation.
2. We understand that all the Schedules attached hereto form part of this Bid.
 3. We undertake, if our Bid is accepted, to commence the Works/Services and to deliver and complete the whole of the

Works/Services comprised in the Contract within the time stated in the Conditions of Contract (PCC 1.2).

4. We agree to abide by this Bid for the period of 180 days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
6. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Sub-Clause 15.15 of Conditions of Contract for the due performance of the Contract.
7. We understand that you are not bound to accept the lowest or any Bid you may receive.
8. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other Bidder making a Bid for the Works/Services.
9. We confirm, if our Bid is accepted, that all partners of the joint venture shall be liable jointly and severally for the execution of the Contract and the composition or the constitution of the joint venture shall not be altered without the prior consent of the Owner. (Please delete in case of Bid from a single firm).

Dated this _____ day of _____ 20____

Signature _____ in the capacity of _____

duly

authorized to sign bids for and on behalf of _____

(Name of Bidder in Block Capitals)

(Seal)

Address

Witness:

(Signature) _____

(Name)_____

Address:_____

Occupation_____

SCOPE OF SERVICES

Operator shall perform each of the services listed in this appendix A in accordance with the standards required under section 3.2 of the agreement.

Data Communication Medium required at following sites:

Sr	Location	Coordinates		Last mile Connectivity	Route
		Latitude	Longitude		
1	Gujranwala	32.012279	74.215446	Optical Fiber	N-5
2	Okara	30.734673	73.301501	Optical Fiber	N-5
3	Khanbela	28.943249	70.716924	Wireless	N-5
4	IMDCW (Barakahu)	33.764989	73.220819	Optical Fiber	N-75
5	Kohat Tunnel	33.630364	71.536640	Wireless/VSAT	N-55
6	Attabad Tunnel (05 Nos.)	36.304133	74.791427	VSAT	N-35
7	Lowari Tunnel (02 Nos.)	35.5159506	71.8353464	VSAT	N-40
8	M-3 TOC Rajana	30.840080	72.554722	Optical Fiber	M-3
9	M-5 TOC Tranda M. Panah	29.0737371	70.8069781	Optical Fiber/Wireless	M-5
10	Havailian-Thakot TOC Mansehra	34.3452930	73.1547055	Wireless	KKH-II

Note: Employer has the right to delete any toll plaza from scope of services at any time during currency of contract without any compensation payable to the Operator. Similarly any toll plaza can be added in the contract for connectivity medium against which service provider shall have no objection to include in scope of services, however amount shall be payable against additional services as per approved rates.

In addition Operator shall:

- a. Provide the services on a turnkey basis including the import of equipment, transportation of the equipment to the Sites, installation, commissioning, operation and maintenance of the data communication system as per Employer's satisfaction. Operator will have an overall responsibility for the successful operation of the communication system.
- b. Submission of authorization to have valid necessary licenses & approvals required from the Govt. Of Pakistan, Frequency Allocation Board (FAB), Pakistan Software Export Board (PSEB), Pakistan Telecommunication Authority (PTA) or any other relevant agency/organization to provide & maintain the medium for data communication b/w above ETTM Toll Plazas and Operations Centre NHA Islamabad on commercial basis during the currency of Contract.
- c. Connectivity is required on Optical Fiber. However, where there is no Optical Fiber, the bidder may propose any alternate media with minimum latency without compromising the performance of links.**
- d. Operate and monitor communication links being provided to NHA round the clock 7 days a week, 365 days a year at a 99.16% uptime efficiency level.
- e. Operator shall provide FE (Fast Ethernet) link on each of above sites when required by the employer, the operator shall provide additional ports at site within the same bandwidth, this for segregation of video and data in order to avoid separate procurement of additional hardware.

- f. Keep spares in stock for replacement of faulty equipment if and when required for rendering services under this Agreement.
- g. Provide C complete hardware/software backup support to ensure the continuity of services on all sites.
- h. Ensure availability of the dedicated network provided to Employer shall be 99.00% error free confirmation.
- i. Operator shall abide by the code of discipline, rules and regulations enforced inside Employer's premises by the Employer. Operator shall ensure that its personnel understand and abide by such rules and regulations.
- j. Any error, defect or any other discrepancy occurring to the equipment shall be removed/rectified by Operator at its own cost.
- k. Operator will be responsible for initial trainings to Toll Plaza staff regarding initial diagnostics regarding Data connectivity medium.
- l. Operator will provide web based complaint portal (Which will have history of complaints launched with time stamp and downtime and duration of response by the Operator) and 24/7 dedicated telephonic contact to report any issues in the data communication.
- m. Site hardware installation should be concise and include minimum Components at Control Panel.
- n. Operator shall pay salaries to 2 Nos. Support Engineers to be nominated at NHA HQ amounting @ Rs. 80,000/- per month per support Engineer (Net after deduction of all applicable taxes) who will analyze & monitor the communication links as per technical criteria provided by NHA on completion/ termination an shall be handed over to NHA.
- o. The equipment/hardware procured under this contract shall become the property of NHA on completion/termination and shall be handed over to NHA.
- p. On commencement of the contract a joint inventory list with NHA shall be prepared of all hardware/equipment and a copy be provided to NHA for record.

REIMBURSABLE COSTS

A. Reimbursable Cost items shall be paid to Operator in accordance with the requirements of Clauses 5 and 7 or 8 of the Contract as required. Reimbursable Costs may include the following:

1. Labor costs, including allowances for payroll taxes, bonuses and benefits
2. Spare and replacement parts
3. All material, tools and equipment necessary to operate and maintain the Project
4. Chemicals
5. Lubricants (including proper disposal cost)
6. Specialized instrumentation and calibration equipment
7. Rigging and handling equipment
8. Consumables and general supplies
9. Cleaning supplies
10. Shop equipment installed in the Project
11. Authorized leased equipment
12. Specialized test and calibration equipment where required.
13. Major equipment overhauls
14. Building repairs and maintenance (not caused by contractors under the Project Agreement)
15. Taxes (excluding income tax) required to be paid by Contractor/Operator
16. Costs related to training of personnel
17. Consultants' fees and expenses, if incorporated in the Annual Budget or otherwise approved in advance by Owner.
18. Contract services, if incorporated in the Annual Budget or otherwise approved in advance by Owner.

B. The following will be Reimbursable Costs when specifically related to Project support:

1. Office supplies
2. Office equipment and furniture
3. Telephone and other communication service charges
4. Freight and express mail charges
5. Janitorial, cleaning, and grounds keeping services

All Services by Contractor/Operator that support Project activities and all Reimbursable Costs shall be approved by Owner, through the Annual Budget or otherwise, prior to implementation by Contractor/Operator.

(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.PAYABLE BY
THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS.
10.00 MILLION OR MORE**

Contract No. _____ Dated _____
Contract Value: _____
Contract Title: _____

..... [name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan (GoP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoP through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Name of Buyer:

Name of Seller/Supplier:

Signature:

Signature:

[Seal]

[Seal]

SCHEDULE OF PRICES

The bidder shall provide following detailed breakups of bid costs hereunder:

- i. Equipment to be procured/installed under this contract
- ii. Data Backup in local data center on online virtual machine having connectivity with NHA HQ
- iii. Salary Costs
- iv. Any other direct & in-direct costs

**GENERAL CONDITIONS
OF
CONTRACT**

GENERAL CONDITIONS OF CONTRACT

1 AGREEMENT

1.1 AGREEMENT

This Agreement consists of the terms and conditions set forth in the sections captioned by numbered clause designations ("Clauses") and the following appendices, which are incorporated and made part of this Agreement by this reference and are included in any reference to this Agreement:

- i. The Contract Agreement;
- ii. The Letter of Acceptance;
- iii. The completed Forms of Bid (Technical Bid & Financial Bid)
- iv. Addendums, if any;
- v. The General Conditions
- vi. The Particular Conditions of Contract
- vii. Schedule of Prices;
- viii. The completed Appendices to Technical & Financial Bid
- ix. The Drawings;
- x. Special and Technical Provisions;

If the terms and conditions of the Clauses of this Agreement vary or are inconsistent with any portion of the Appendices, the terms of the Clauses this Agreement shall control and be given priority, and the provisions of the Appendices shall be subject to the terms of the Clauses. This Agreement contains the entire agreement between the parties and supersedes all prior agreements, whether oral or written, between the parties with respect to the subject matter of this Agreement. Neither party will be bound by or be deemed to have made any representations, warranties, commitments or other undertakings with respect to the subject matter of this Agreement that are not contained in this Agreement.

1.2 EFFECTIVE DATE AND TERM

This Agreement shall be effective and shall govern the rights and obligations of the parties from and after the date of this Agreement for a period *as mentioned in PCC*.

1.3 RELATIONSHIP OF THE PARTIES

Operator has been retained by Owner as an independent contractor to operate, maintain and manage the Project on behalf of Owner, in accordance with Prudent Utility Practice and the requirements of the Project Agreements. Owner has delegated to Operator overall responsibility for operating, maintaining and managing the Project to ensure that the Project is available for its function namely *as provided in PCC* for Owner and meets all requirements under the Project Agreements. Neither Operator nor any of its employees, subcontractors or agents shall be deemed to have any other status, except that Operator is the agent of Owner to the limited extent that this Agreement expressly grants Operator the authority to act on behalf of Owner.

1.4 REPRESENTATIVES

Owner and Operator shall each designate a representative ("Designated Representative") to act on its behalf in overseeing the performance of this Agreement. Owner and Operator may change their respective Designated Representatives upon written notice to the other party given as provided in this Agreement. Designated Representatives shall be the primary means for communication and all other interactions between Owner and Operator that are required under this Agreement. Designated Representatives shall have the power and authority to bind their respective principals under the terms of this Agreement, with any required internal corporate approvals with respect to such authority being the responsibility of each representative to obtain from his or her principal.

1.5 INTEGRITY PACT.

For Contracts of worth Rupee ten million or more, which relate to federal finance, the Integrity Pact duly signed between the Operator (Contractor/supplier) shall be binding till completion of the contract. In other cases, this Sub-Clause 1.5 of the Agreement is not applicable.

2 DEFINITIONS

Unless otherwise required by the context in which a defined term appears, the following terms shall have the meanings specified in this Clause 2. Terms that are defined in other Clauses shall have the meanings given to them in those Clauses.

"Annual Project Operating Plan" has the meaning set forth in Sub-Clause 6.2.

"Annual Operating Fee" means an annual operating fee paid to Operator during each Contract Year as set forth in Sub-Clause 5.2.

"Annual Budget" has the meaning set forth in Sub-Clause 6.2

"Bankruptcy" means a situation in which (i) a party's actions under applicable debtor relief laws demonstrate an inability to pay its debts as they mature or a need for protection from its creditors; (ii) a court of competent jurisdiction approves a petition filed against a party, which petition sought relief for the party's creditors, and the action of the court remains in effect for an aggregated period of 60 days (whether or not consecutive); (iii) a party admits in writing its inability to pay its debts as they mature; (iv) a party gives notice to any person or entity of its current (or pending) insolvency or suspension of operations; or (v) a party makes an assignment for the benefit of creditors or takes other similar action for the protection or benefit of its creditors.

"Business Day" means any day other than a Sunday or any other day on which commercial banks are authorized or required to close the business *as mentioned in PCC*.

"Contract Year" means: (i) for the first Contract Year, that period from the date of this Agreement to and including June 30 of such year; and (ii) for each Contract Year thereafter, the fiscal year.

"Five-Year Budget" has the meaning set forth in Sub-Clause 6.2(e).

"Force Majeure Event" means an event, condition or circumstance beyond the reasonable control of, and not due to the fault or negligence of, the party affected, and which could not have been avoided by due diligence and use of reasonable efforts, which prevents the performance by such affected party of its obligations hereunder; provided, that a "Force Majeure Event" shall not be deemed to have occurred or to be continuing unless the party claiming Force Majeure complies with the requirements of Sub-Clause 15.3 (*Force Majeure*). Subject to the foregoing, "Force Majeure Event" shall include, as to either party, explosion and fire (in either case to the extent not attributable to the negligence of the affected party), flood, earthquake, storm or other natural calamity or act of God, strike or other labor dispute, war, insurrection or riot, actions or failures to act by governmental entities or officials, failure to obtain governmental permits or approvals (despite timely application thereof and due diligence) and changes in laws, rules, regulations, orders or ordinances affecting operation of the Project, which events were not pending on the date of this Agreement.

"Operating Manuals" means the operating data, design as-built drawings, specifications, vendors' manuals, warranty requirements, procedures (including those for maintenance of the Project and environmental and safety compliance), and similar materials with respect to the Project.

"Procedures Manual" has the meaning set forth in Clause 6.1.

"Project" means the project *as mentioned in PCC* and related assets, together with other facilities and related assets, to be constructed on certain real property, *as mentioned in PCC*.

"Project Agreements" means the agreements relating to the Project, *as mentioned in PCC*, Interconnection Agreement, this Agreement and all other agreements applicable to the Project, permits, and licenses required for the operation, maintenance and management of the Project, as identified in writing by Owner.

"Prudent Utility Practice" means (i) any of the practices, methods, and acts engaged in or approved by a significant portion of the project related industry in the country and geographic region where the Project is located during the relevant time period, or (ii) practices, methods and acts that, in the exercise of reasonable judgment on the

facts known (or that reasonably should have been known) at the time a decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety and expedition.

"Reference Rate" means the discount rate published by the State Bank of Pakistan from time to time.

"Reimbursable Costs" has the meaning set forth in Sub-Clause 5.3.

"Services" has the meaning set forth in Sub-Clause 3.1.

3 SERVICES

3.1 SCOPE OF SERVICES

Operator shall (i) operate, maintain and manage the Project on behalf of Owner ("Services") and (ii) also perform the specific duties set forth in this Agreement if they are not otherwise required by the standards defined in Sub-Clause 3.2.

3.2 STANDARDS FOR PERFORMANCE OF THE SERVICES.

Operator shall perform the Services required under this Agreement, including those set forth in Appendix A, in a prudent, reasonable, and efficient manner and in accordance with (i) Operating Manuals, the Administrative Procedures Manual and applicable vendor warranties, (ii) the applicable Annual Project Operating Plan and Annual Budget, (iii) all applicable Laws, (iv) Prudent Utility Practices, (v) the Project Agreements, (vi) the requirements of any System Operator. Operator shall use all reasonable efforts to optimize the useful life of the Project and to minimize Reimbursable Costs and Project outages or other unavailability.

3.3 OPERATOR'S PERSONNEL STANDARDS

Operator shall provide as reasonably necessary all labor and professional, supervisory and managerial personnel as are required to perform the Services. Such personnel shall be qualified to perform the duties to which they are assigned and shall meet any requirements for Project personnel under the Project Agreements. All individuals employed by Operator to perform the Services shall be employees of Operator, and their working hours, rates of compensation and all other matters relating to their employment shall be determined solely by Operator (subject to Owner's approval rights with respect to the Annual Budget). With respect to labor matters, hiring personnel, and employment policies, Operator shall comply with all applicable Laws. Operator also shall act in a reasonable manner that is consistent with the intent and purpose of this Agreement and with Operator's acknowledgment (hereby given) that Operator has no authority to enter into any contracts with respect to labor matters that purport to bind or otherwise obligate Owner.

3.4 COMPLIANCE

Operator shall comply with all Laws applicable to the operation, maintenance and management of the Project and the performance of the Services. Operator shall apply for and obtain, and Owner shall assist Operator in applying for and obtaining, all necessary permits, licenses and approvals (and renewals of the same) required to allow Operator to do business or perform the Services in the jurisdictions where the Services are to be performed. Operator shall provide reasonably necessary assistance to Owner, to secure permits, licenses, and approvals (and renewals of the same) that Owner is required to obtain from or file with any governmental agency regarding the Project. Operator also shall file such reports, notices, and other communications as may be required by any governmental agency regarding the Project.

3.5 OPERATING RECORDS AND REPORTS

Operator shall maintain, at a location acceptable to Owner, the Project operating logs, records, and reports that document the operation and maintenance of the Project, all in form and substance sufficient to meet Owner's reporting requirements under the Project Agreements. Operator shall maintain current revisions of drawings, specifications, lists, clarifications and other materials related to operation and maintenance of the Project provided to Operator by Owner and vendors. Operator shall provide Owner reasonably necessary assistance in connection with Owner's compliance with reporting requirements under the Project Agreements, applicable Laws or any other agreement to which Owner is a party relating to the Project. Such assistance shall include providing reports, records, logs and other information that Owner may reasonably request as to the Project or its operation.

3.6 NO LIENS OR ENCUMBRANCES

Operator shall maintain the Project free and clear of all liens and encumbrances resulting from any action of Operator or work done at the request of Operator, except for such liens or encumbrances that result directly from nonpayment by Owner of amounts due and owing to Operator under this Agreement.

3.7 NO ACTION

Except where such action is expressly permitted by this Agreement, Operator shall not take any action that would cause a default under any Project Agreement.

3.8 EMERGENCY ACTION

If an emergency endangering the safety or protection of persons, the Project, or property located near the Project occurs, Operator shall promptly notify Owner and take all necessary action to attempt to

prevent or mitigate any such threatened damage, injury or loss. Operator shall make reasonable efforts to minimize any cost associated with remedial action in case of such an emergency.

3.9 ACTION IN EXTRAORDINARY CIRCUMSTANCES

In the event that:

- (A) The Project or major Project equipment suffers an unplanned outage (or Operator reasonably believes that such an occurrence is imminent), and
- (B) Operator has made reasonable, but unsuccessful, efforts to notify and communicate with Owner regarding such occurrence or imminent occurrence in accordance with the terms of this Agreement, then Operator shall:
 - (i) take all necessary action to prevent or to mitigate such unplanned outage,
 - (ii) make reasonable efforts to minimize any cost associated the such remedial action,
 - (iii) continue to attempt to notify and communicate with Owner regarding the occurrence and the remedial action, and
 - (iv) Not expend for such purposes more than an aggregate *as mentioned in PCC* in any Contract Year.

4 OWNER RESPONSIBILITIES

4.1 INFORMATION

Owner shall provide Operator with all vendor manuals, spare parts lists, Project data books and drawings which are provided to Owner pursuant to any Project Agreement or by any contractor responsible for construction, installation, repair or maintenance of the Project or a part thereof. Subject to the standards of performance set forth in Sub-Clause 3.2, Operator shall be entitled to rely upon such information in performance of the Services. Owner shall also provide Operator with copies of all Project Agreements and any amendments thereto and any other documents that define the Project's operating requirements.

4.2 OVERHAUL OF MAJOR EQUIPMENT AND CAPITAL IMPROVEMENT

The cost of all major equipment teardowns and overhauls and all capital improvements shall be the responsibility of Owner. Operator shall promptly notify Owner in writing of any such teardowns and overhauls of major equipment or capital improvements that Operator believes are necessary or advisable together with a proposed schedule for completing such repairs or improvements. To the extent reasonably possible, the costs of all major equipment teardowns and overhauls and all capital improvements shall be incorporated into the applicable Annual Budget. If such costs have been incorporated into the applicable approved Annual Budget, or if Owner has otherwise consented in writing to reimburse Operator for such costs, Operator

shall schedule, coordinate, contract and oversee the performance of such activities. Operator also shall be responsible for monitoring and enforcing contract compliance by the contractor performing such work, including taking such steps, short of litigation, to enforce any warranties granted to Owner by such contractor.

4.3 ANNUAL BUDGET AND PROJECT OPERATING PLAN

In accordance with Clause 6, Owner shall be responsible for approval of the Annual Budget, the Annual Project Operating Plan and the Five-Year Budget.

5 COMPENSATION AND PAYMENT

5.1 PAYMENTS

As compensation to Operator for performance of the Services hereunder, Owner shall pay Operator the Annual Operating Fee (or a pro rata portion thereof in the case of a Contract Year of less than 12 months). In addition, Owner shall (at Owner's Option) either (i) reimburse Operator, in the manner and at the times specified in this Clause 5 and Appendix B, as modified from time to time, for all Reimbursable Costs or (ii) pay such Reimbursable Costs directly to the applicable third parties.

5.2 ANNUAL OPERATING FEE

For the first Contract Year and each subsequent Contract Year, Owner/ Employer shall pay to Operator the sum *as mentioned in PCC* per month of the Contract Year, for an annual fee *as mentioned in PCC* (the "Annual Operating Fee"). Beginning on the first day of the second Contract Year and on the first day of each Contract Year thereafter, the Annual Operating Fee (and the corresponding monthly operating fee) shall be adjusted to reflect changes *as mentioned in PCC*.

5.3 REIMBURSABLE COSTS

Owner shall reimburse Operator for all costs incurred by Operator in performing the Services, including the costs set forth in Appendix B (collectively, the "Reimbursable Costs"). Owner's obligation under this provision is subject to (i) Owner's express approval of the costs as part of an Annual Budget or separately in writing, or (ii) Operator incurring costs in accordance with Sub-Clauses 3.8 (*Emergency*), 3.9 (*Extraordinary Circumstances*). Expenditures made by Operator in excess of the Annual Budget that are required to comply with any Law applicable to the Services or to the Project, shall be approved and reimbursed by Owner. Subject to Owner's right to modify the provisions of this Sub-Clause 5.3 from time to time. Owner shall pay Reimbursable Costs as follows:

- (a) Owner will advance to Operator on a mutually agreed basis, funds required for given Operator to make payments as they

become due in accordance with the Annual Budget. Not less than fifteen (15) days before the first day of each calendar month during the term of this Agreement, Operator shall submit to Owner an estimate of funds required for such month, which estimate shall be in accordance with the Annual Budget. Owner shall pay to Operator the amount of such estimate prior to the time such funds are required by Operator. Such advances shall be deposited in a separate account in Operator's name, as agent for Owner, in a scheduled Bank of Pakistan, subject to withdrawal by Operator solely for the purpose of making required payments. Within fifteen (15) days of the end of each month, Operator shall submit to Owner a statement of receipts and disbursements, in detail satisfactory to Owner, together with supporting documentation.

- (b) Operator shall not incur Reimbursable Costs unless they are incurred in accordance with the applicable Annual Budget, or are permitted by Sub-Clauses 3.8 (*Emergency*), 3.9 (*Extraordinary Circumstances*). If Operator becomes aware that Reimbursable Costs exceed or will exceed the amount provided in the applicable Annual Budget by 5% or more, Operator shall use all reasonable efforts to notify Owner within ten (10) days and shall not, without Owner's approval to amend the applicable Annual Budget or Owner's authorization for Operator to make such expenditure, perform any further Services that will cause or increase a budget overrun, except as provided in Sub-Clauses 3.8 (*Emergency*), 3.9 (*Extraordinary Circumstances*). If Owner refuses to authorize expenditures in excess of the Annual Budget, Operator shall be relieved of those duties or obligations of this Agreement that cannot be performed without the expenditures Owner refuses to approve.
- (c) In all cases, Operator shall use reasonable commercial efforts to mitigate any adverse effect from Owner's refusal to authorize expenditures in excess of the Annual Budget. Owner's reimbursement of any cost related to the Services shall not be construed as Owner's approval or acceptance of the Services.

5.4 ADJUSTMENT AND CONDITIONS

Notwithstanding the payment of any amount pursuant to the foregoing provisions, Owner shall remain entitled to conduct a subsequent audit and review of all Reimbursable Costs incurred and paid by Owner and of any supporting documentation for a period of two (2) years after the applicable Contract Year. If such audit and review shows that any amount previously paid by Owner to Operator did not constitute a Reimbursable Cost, Owner may (a) recover such amount from Operator, plus interest at the Reference Rate, calculated from the date the audit commenced, or (b) deduct such amount from any payment that thereafter may become due to Operator.

5.5 BILLING AND PAYMENT

Within 15 days following the end of each month, Operator shall submit the receipts and disbursements showing Reimbursable Costs for such month in accordance with Sub-Clause 5.3(a). Within 15 days after receipt of any such invoice, Owner shall:

- (a) pay Operator the sum specified in such invoice, less (i) any amounts previously deposited with Operator relating to such invoice as well as net interest (if any) earned on the bank deposit, and (ii) any portion of such invoice amount that Owner disputes in good faith or is permitted to offset under this Agreement; and
- (b) with respect to any disputed portion of such invoice, provide Operator with a written statement explaining, in reasonable detail, the basis for such dispute. The parties shall attempt to resolve any such disputed portion in accordance with Clause 14.

CLAUSE 6 PROCEDURES, PLANS AND REPORTING

6.1 PROCEDURES MANUAL

The parties have approved a procedures manual that includes procedures for (i) reporting and correspondence pursuant to this Agreement, (ii) procurement and contracting, and (iii) accounting, bookkeeping and record-keeping ("Procedures Manual"). The Procedures Manual shall govern the covered activities of Operator for the term of this Agreement, subject to such revision and amendment as agreed in writing by Owner and Operator.

6.2 ANNUAL PROJECT OPERATING BUDGET AND PLAN

- (a) **Proposal:** At least ninety (90) days before the beginning of each Contract Year, Operator shall prepare and submit to Owner a proposed annual budget for the Contract Year, established on a monthly basis. The proposed annual budget shall include separate operating and capital budgets. The proposed annual budget shall also set forth, in detail acceptable to Owner, (i) anticipated operations, repairs and capital improvements, (ii) maintenance and overhaul schedules, (iii) planned procurement (including equipment, spare parts, and consumable inventories), (iv) labor activities (including staffing, labor rates, and holidays), (v) administrative activities, and (vi) other work proposed to be undertaken by Operator, together with an itemized estimate of all Reimbursable Costs to be incurred. Each proposed annual budget shall be accompanied by a proposed annual operating plan setting forth the assumptions and implementation plans underlying the proposed annual budget. Any actions to be performed by Operator under the proposed annual operating plan shall be consistent with Operator's obligations set forth in this Agreement.

- (b) **Adoption:** Owner shall review Operator's proposed annual budget and annual operating plan within thirty (30) days following receipt of the proposals. Owner may, by written request, propose changes, additions, deletions and modifications to the proposals. If requested by Operator, Owner shall provide Operator any cost information in Owner's possession from previous Contract Years applicable to items in the proposed annual budget. Owner and Operator will then meet and use their reasonable commercial efforts to agree upon a final budget and plan (the "Annual Budget" and "Annual Project Operating Plan", respectively), which shall be approved in writing by both parties. Except to the extent that the terms of Sub-Clause 3.8 and 3.9 permit Operator to take actions which are outside the final Annual Budget without the consent of Owner, the final Annual Budget and Annual Project Operating Plan shall remain in effect throughout the applicable Contract Year, subject to revisions and amendments proposed by either party and consented to in writing by the other party.
- (c) **Changes:** Operator shall notify Owner as soon as reasonably possible of any significant deviations or discrepancies from the projections contained in the Annual Budget or Annual Project Operating Plan.
- (d) **Failure to Adopt:** If, by the first day of any Contract Year after the first Contract Year, the parties are unable to reach agreement concerning any item or portion of the Annual Budget for such Contract Year, then the amount(s) of such item or portion of the Annual Budget for such Contract Year shall be equal to 105% of the amount for the corresponding item or portion of the Annual Budget for the preceding Contract Year.
- (e) **Five-Year Budget.** At least ninety (90) days before the first day of each Contract Year, Operator shall prepare and submit to Owner a proposed budget for the next 5 Contract Years or the remaining term of the Agreement, whichever period is shorter. The proposed five-year budget shall be established on an annual basis and shall include separate operating and capital budgets. The proposed five-year budget shall also set forth, in detail acceptable to Owner,
- (i) anticipated operations, repairs and capital improvements;
 - (ii) maintenance and overhaul schedules;
 - (iii) planned procurement (including equipment, spare parts, and consumable inventories);
 - (iv) labor activities (including staffing, labor rates, and holidays);
 - (v) administrative activities; and
 - (vi) other work proposed to be undertaken by Operator, together with an itemized estimate of all Reimbursable Costs to be incurred, accompanied by the underlying assumptions and implementation plans of the proposed five-year budget. Owner shall review Operator's proposed

five-year budget within 30 days following receipt of the proposal. Owner may, by written request, propose changes, additions, deletions and modifications to the proposals. Owner and Operator will then meet and use their reasonable commercial efforts to agree upon a final five-year budget (the "Five-Year Budget"), which shall be approved in writing by both Parties. If a final Five-Year Budget is not approved in its entirety by both parties, the proposed five-year budget submitted by Operator, together with Owner's final suggested changes, additions, deletions and modifications shall serve as the Five Year Budget. The Five-Year Budget shall be used only for planning and comparison purposes, and shall not constrain Operator in its actions or expenditures, provided, however, that Operator shall be required to conform in its operations to the Annual Budget and Annual Project Operating Plan as provided in this Agreement.

6.3 OPERATING DATA AND RECORDS

Operator shall monitor and record all operating data and information that (i) Owner must report to any person or entity under any Project Agreement, (ii) Owner must report to any government agency or other person or entity under applicable Laws and (iii) Owner reasonably requests. Operator shall report required or requested operating data and information to Owner as specified by Owner to support monthly invoicing under the Project Agreements, and within fifteen (15) Calendar Days following a request by Owner. Operating data to be reported include information from operating (logs, meter and gauge readings) and maintenance records.

6.4 ACCOUNTS AND REPORTS

Operator shall cooperate with Owner in complying with reporting requirements set forth in the Project Agreements and shall, during the term of this Agreement, furnish or cause to be furnished to Owner the following reports concerning the Project operations and the Services:

- (a) **Monthly Reports:** Within ten (10) calendar days following the last day of each calendar month, Operator shall submit: (i) a progress report, in detail acceptable to Owner, covering all activities during such month with respect to operations and maintenance (including information regarding the inputs and outputs of the project / facility.

(Specify) capital improvements, labor relations, other significant matters, and Services. The monthly report shall include a comparison of such items to the corresponding values for the preceding month and for the corresponding portion of the previous Contract Year, a listing of any significant operating problems along with immediately planned remedial actions, and a brief summary of major activities planned for the next reporting

period, and (ii) a statement setting forth all Reimbursable Costs paid or incurred in such month, which statement shall itemize, in detail acceptable to Owner, the computation of such Reimbursable Costs including documentary evidence and shall state whether or not the Project operations have conformed to the applicable Annual Project Operating Plan and Annual Budget during such reporting period and if not, the extent and reasons for any deviation and the planned remedial action.

- (b) **Annual Reports:** As soon as available, and in any event within sixty (60) days after the end of each Contract Year, Operator shall submit an annual report describing, in detail substantially similar to that contained in the monthly reports referred to in Sub-Clause 6.4(a), the Project activities and operating data for such Contract Year. The annual report shall present a comparison of such Project activities and operating data with the goals set forth in the Annual Project Operating Plan and Annual Budget for such Contract Year, and with those achieved during the preceding Contract Year (if applicable) and an explanation of any substantial deviations. Within thirty (30) days after submission of each annual report, Operator shall meet with Owner to review and discuss the report and any other aspects of Project operations that Owner may wish to discuss.
- (c) **Litigation, Permit Lapses:** Upon obtaining knowledge thereof, Operator shall promptly notify Owner in writing of: (i) any event of default under any of the Project Agreements; (ii) any litigation, claims, disputes or actions, threatened or filed, concerning the Project or the Services; (iii) any refusal or threatened refusal to grant, renew or extend (or any action pending or threatened that might affect the granting, renewal or extension of) any license, permit, warranty, approval, authorization or consent relating to the Project or the Services; and (iv) any dispute with any governmental authority relating to the Project or the Services.
- (d) **Other Information:** Operator shall promptly submit to Owner any material information concerning new or significant aspects of the Project's activities and, upon Owner's request, shall promptly submit any other information concerning the Project or the Services.

6.5 ADDITIONAL COMMUNICATIONS

Operator shall communicate certain additional events specified in Appendix C to Owner and third parties in accordance with the communication protocols set forth in Appendix C to this Agreement.

7 LIMITATIONS ON AUTHORITY

7.1 GENERAL LIMITATIONS

Notwithstanding any provision in this Agreement to the contrary, unless previously approved by Owner in writing or through Owner's approval of the Annual Budget, Operator and any employee,

representative, contractor or other agent of Operator are prohibited from taking the specified actions with respect to the matters indicated below.

- (a) **Disposition of Assets:** Sell, lease, pledge, mortgage, convey, or make any license, exchange or other transfer or disposition of any property or assets of Owner, including any property or assets purchased by Operator where the purchase cost is a Reimbursable Cost;
- (b) **Contract:** Make, enter into, execute, amend, modify or supplement any contract or agreement (i) on behalf of, in the name of, or purporting to bind Owner or (ii) that prohibits or otherwise restricts Operator's right to assign such contract or agreement to Owner at any time;
- (c) **Expenditures:** Make or consent or agree to make any expenditure for equipment, materials, assets or other items which would be a Reimbursable Cost, except in conformity with the Annual Budget; provided, however, that solely in connection with actions taken by Operator pursuant to Sub-Clauses 3.8 (*Emergency*), 3.9 (*Extraordinary Circumstances*), Operator may, without prior approval from Owner, make limited expenditures outside the Annual Budget in accordance with those provisions;
- (d) **Other Actions:** Take or agree to take any other action that materially varies from the applicable Annual Project Operating Plan, Annual Budget or the requirements of any Project Agreement;
- (e) **Lawsuits and Settlements:** Settle, compromise, assign, pledge, transfer, release or consent to the compromise, assignment, pledge, transfer or release of, any claim, suit, debt, demand or judgment against or due by, Owner or Operator, the cost of which, in the case of Operator, would be a Reimbursable Cost hereunder, or submit any such claim, dispute or controversy to arbitration or judicial process, or stipulate in respect thereof to a judgment, or consent to do the same;
- (f) **Liens:** Create, incur or assume any lien upon the Project;
- (g) **Transactions on Behalf of Others:** Engage in any other transaction on behalf of Owner or any other person or entity not expressly authorized by this Agreement or that violates applicable Laws, this Agreement or any Project Agreement; or
- (h) **Agreements:** Enter into any agreement to do any of the foregoing.

7.2 EXECUTION OF DOCUMENTS

Any agreement, contract, notice or other document that is expressly permitted hereunder (or under written approval of Owner) to be

executed by Operator shall be executed by the authorized representative of Operator or, subject to prior written notice to Owner, by such other representative of Operator who is authorized and empowered by Operator to execute such documents.

8 TERM AND TERMINATION

8.1 TERM

The term of this Agreement shall be from and including the date of this Agreement to and including *as mentioned in PCC*. Upon agreement of Owner and Operator, this Agreement may be extended for certain periods of agreed duration. This Agreement is subject to earlier termination pursuant to Sub-Clauses 8.2, 8.3, 8.4 or 8.5

8.2 IMMEDIATE TERMINATION BY OWNER

Subject to the terms of any Project Agreements, Owner may terminate this Agreement immediately:

- (i) upon the Bankruptcy of Operator; or
- (ii) upon the occurrence of a Force Majeure Event that is not remedied within one hundred and twenty (120) days of its initial occurrence. If the Agreement is terminated by Owner pursuant to Sub-Clause 8.2(i) or 8.2(ii), Operator shall be compensated for all Reimbursable Costs incurred by Operator to and including the date of termination. In addition, if the Agreement is terminated by Owner pursuant to Sub-Clause 8.2(ii), Operator shall be paid all unpaid Annual Operating Fees to and including the date of termination.

8.3 TERMINATION UPON NOTICE BY OWNER

Subject to the terms of any Project Agreements, Owner may terminate this Agreement upon ten (10) days prior written notice to Operator in the event

- (i) that Operator violates, or consents to a violation of, any Laws applicable to the Services or the Project, where the violation has or may have a material adverse effect on the maintenance or operation of the Project or Owner's interest, and Operator does not cure such violation within thirty (30) days (or, if not curable within thirty (30) days, within such period of time as is reasonably necessary, but in no event more than ninety (90) days, provided Operator diligently commences and pursues such cure and indemnifies Owner for all related costs, of whatever kind), or
- (ii) of a material breach by Operator in the performance of the Services, if Operator does not cure such breach within thirty (30) days from the date of Operator's receipt of notice from Owner demanding cure (or, if not curable within thirty (30) days, within such period of time as is reasonably necessary, but in no event more than 90 days, provided Operator diligently

commences and pursues such cure and indemnifies Owner for all related costs, of whatever kind). If the Agreement is terminated by Owner pursuant to this Sub-Clause 8.3, Operator shall be compensated for all Reimbursable Costs incurred by Operator and all unpaid Annual Operating Fees to and including the date of termination.

8.4 OTHER TERMINATION UPON NOTICE BY OWNER

Subject to the terms of any Project Agreements, Owner may terminate this Agreement with sixty (60) days prior written notice to Operator, upon the occurrence of :

- (a) a sale or transfer by Owner of its rights in the Project or a sale or transfer of all or substantially all of the assets of or interests in Owner, (b) Operator's Reimbursable Costs for Services exceeding 110% of the approved Annual Budget with respect to Reimbursable Costs, for any 2 consecutive Contract Years, where such overruns are the fault of, or due to the negligent operation of the Project by, Operator, (c) a determination by Owner that, for any reason, it no longer intends to continue operation of the Project or (d) a determination by Owner that it does not wish to extend this agreement pursuant to Sub-Clause 8.1. If the Agreement is terminated by Owner pursuant to this Section 8.4, Operator shall be compensated for all Reimbursable Costs incurred by Operator and all unpaid Annual Operating Fees to and including the date of such termination under this Sub-Clause 8.4.

8.5 TERMINATION BY OWNER WITHOUT CAUSE

In addition to its rights set forth in this Clause 8, subject to the terms of any Project Agreements, Owner reserves the right to terminate this Agreement without cause upon ninety (90) days written notice to Operator. If the Agreement is terminated by Owner pursuant to this Sub-Clause 8.5, Operator shall be compensated for all Reimbursable Costs incurred by Operator and all unpaid Annual Operating Fees to and including the date of such termination under this Sub-Clause 8.5. Such payments, together with the termination payment set forth in Sub-Clause 8.8, shall be Operator's sole remedy in respect of such termination and shall be made by Owner within 30 days of receipt of a final invoice from Operator.

8.6 TERMINATION BY OPERATOR

Subject to the terms of any Project Agreements, Operator may terminate this Agreement for cause upon fifteen (15) days prior written notice to Owner in the event of: (i) Owner's Bankruptcy; or (ii) Owner's failure to perform in a timely manner any of its material obligations under this Agreement and such failure is not cured within thirty (30) days of Owner's receipt of a notice from Operator demanding cure (or, if not curable within thirty (30) days, within such period of time as is

reasonably necessary, but in no event more than 90 days, provided that Owner diligently commences and continues to pursue such cure).

8.7 PROJECT CONDITION AT END OF TERM

Upon expiration or termination of this Agreement, Operator shall remove its personnel from the Project. Operator shall leave the Project in as good condition as it was on the Effective Date, normal wear and tear and casualty excepted. Operator shall be paid all unpaid Reimbursable Costs. All special tools, improvements, inventory of supplies, spare parts, safety equipment, Operating Manuals and Procedures Manuals, operating logs, records and documents maintained by Operator pursuant to Sub-Clause 3.5 and any other items furnished on a Reimbursable Cost basis under this Agreement will be left at the Project and will become or remain the property of Owner without additional charge. Owner shall also have the right, in its sole discretion, to assume and become liable for any contracts or obligations that Operator may have undertaken with third parties in connection with the Services. Operator shall cooperate in taking all reasonable steps requested by Owner required to effect the assumption of the contracts, provided that Owner agrees to indemnify and hold harmless Operator for all liabilities arising out of events and obligations arising from the assumption of contract rights and obligations after the date of any such assumption. Operator shall use commercially reasonable efforts to cooperate with Owner or a succeeding operator to assure that the operation, maintenance and management of the Project are not disrupted.

8.8 TERMINATION PAYMENT

- (a) In the event of a termination of this Agreement pursuant to the above Sub-Clauses 8.2 (ii), 8.4 (a), 8.4 (c), 8.4 (d) or 8.5, Operator shall be entitled, in addition to all other amounts due under this Agreement as of the date of termination, to a demobilization and cancellation payment equal to the total of all relocation and severance costs incurred with respect to Operator's employees and all costs Operator is at such time contractually or legally obligated to pay to its employees, or which are incurred with the prior written approval of Owner. Severance costs for each of Operator's employees shall be *as mentioned in PCC* for each year such employee has worked for Operator at the Project. Subject to Owner's right to conduct a subsequent audit and review pursuant to Sub-Clause 8.8(b), such amounts shall be due and payable by Owner within 30 days of Operator's submission of an invoice, which invoice shall include a statement of all such costs and expenses in the form and with the substantiation required by Sub-Clause 6.2(a). Owner shall pay any and all legal costs incurred by Operator to collect payments under this Sub-Clause 8.8.
- (b) **Audit.** Notwithstanding payment of any amount pursuant to this Section 8.8, Owner shall remain entitled to conduct a subsequent audit and review of all costs incurred and paid by

Owner pursuant to this Section 8.8, together with any supporting documentation requested by Owner, for a period of 2 years from and after the date of such payment. If, pursuant to such audit and review, it is determined that any amount previously paid to Operator did not constitute, in whole or in part, a reimbursable item pursuant to this Sub-Clause 8.8, Owner may recover such amount from Operator plus interest at the Reference Rate calculated from the date such audit commences, or Owner may deduct or cause to be deducted such amount from any payment that may be due to Operator.

9 WARRANTY

9.1 VENDOR'S WARRANTIES

For Owner's benefit, Operator shall obtain from sellers of equipment, material, or services (other than the Services), warranties against defects in materials and workmanship to the extent such warranties are reasonably obtainable, and, to the extent of any such warranties actually obtained, Owner releases Operator from any further liability arising in respect of such equipment, material or services (other than the Services) to the extent such liability is covered by any such warranty. Operator itself shall not be liable for any such warranties, or for any defects or damage caused by such equipment, material or services (other than the Services). Upon Owner's request, Operator agrees to take such steps as are necessary, short of litigation, to enforce said warranties. Each such warranty shall be enforceable by Owner for Owner's benefit or assignable by Operator to Owner without any further action or consent by or on the part of any third party. Unless otherwise requested, Operator shall administer such warranties and immediately notify Owner of any defects discovered or suspected that may be covered by such warranties. When requested, Operator shall assign any such warranty to Owner and assist Owner with the administration and enforcement of such warranty, or, if such warranty is not assignable to Owner, assist Owner with the administration and enforcement of such warranty.

10 INDEMNIFICATION AND LIABILITIES

10.1 INDEMNIFICATION

- (a) **Indemnification by Operator:** Operator shall indemnify, defend and hold harmless Owner, the members thereof, and their respective officers, directors, employees, agents, Affiliates and representatives (the "Owner Indemnified Parties"), from and against any and all claims (in whatever form and to the fullest extent permitted by law) arising out of or in any way connected with, but only to the extent of, any gross negligence, fraud or willful misconduct of Operator or anyone acting on Operator's behalf or under its instructions, in connection with this Agreement and Operator's obligations thereunder. Any costs or expenses incurred by Operator pursuant to its indemnity

obligations under this Sub-Clause 10.1(a) shall be the sole responsibility of the Operator.

- (b) **Indemnification by Owner:** Owner shall indemnify, defend and hold harmless Operator, its officers, directors, employees, agents, Affiliates and representatives (the "Operator Indemnified Parties") from and against any and all claims (in whatever form and to the fullest extent permitted by law) arising out of or in any way connected with, but only to the extent of, any gross negligence, fraud or willful misconduct of Owner or anyone acting on Owner's behalf or under its instructions (other than Operator and its suppliers, subcontractors, vendors, and their subcontractors and vendors and any employee or agent of the foregoing), in connection with this Agreement and Owner's obligations thereunder.

10.2 ENVIRONMENTAL LIABILITY

- (a) **Operator Liability:** Operator shall not be responsible for claims directly or indirectly related to hazardous materials present at the Project before the date of this Agreement, except to the extent Operator acted with respect to such materials in a grossly negligent manner. Owner shall defend, indemnify and hold Operator harmless against such claims, except to the extent such claims arise from Operator's grossly negligent or intentional acts.
- (b) **Owner's Liability:** Owner shall not be responsible for claims directly related to hazardous materials at the Project arising out of the grossly negligent or intentional acts of Operator. This provision of the Agreement shall not be construed to require Operator to take corrective action with respect to any hazardous materials at the Project before the date of this Agreement.
- (c) **Governmental Actions:** If action is required at the Project to comply with any applicable environmental laws during the term of this Agreement, Owner (with Operator's assistance) shall be responsible for the costs of compliance. Costs for such compliance action shall only be incurred by Operator only with Owner's prior written consent, unless a governmental authority requires Operator to incur such costs and expenses prior to obtaining such written consent.

11 LIMITATIONS OF LIABILITY

11.1 LIMITATIONS OF LIABILITY

- (a) **Consequential Damages:** Notwithstanding any provision in this Agreement to the contrary, Operator and Owner each agree not to assert against the other any claim, demand or suit for consequential, incidental, indirect or special damages arising from any aspect of the performance or nonperformance of the other party or any third-party engaged by such other party under this Agreement, and each party hereto waives any such

claim, demand or suit against the other in connection with this Agreement.

- (b) **Damages Limited to Annual Operating Fee:** The aggregate liability of Operator [except for those claims that are subject to the provisions of Sub-Clause 10.1(a) (*Indemnification by Operator*)] shall in no event exceed, during any Contract Year, the Annual Operating Fee payable to Operator during such Contract Year plus the amount necessary to satisfy Operator's indemnification responsibilities under Clause 10.
- (c) **Limited Personal Liability:** Operator and Owner each understand and agree that there shall be absolutely no personal liability on the part of any of the members, partners, officers, employees, directors, agents, authorized representatives or Affiliates of Owner or Operator for the payment of any amounts due hereunder, or performance of any obligations hereunder. Operator shall look solely to the assets of Owner for the satisfaction of each and every remedy of Operator in the event of any breach by Owner. Owner shall look solely to the assets of Operator for the satisfaction of each and every remedy of Owner in the event of any breach by Operator.
- (d) **Survival:** The parties further agree that the waivers and disclaimers of liability, indemnities, releases from liability, and limitations on liability expressed in this Agreement shall survive termination or expiration of this Agreement, and shall apply at all times (unless otherwise expressly indicated), regardless of fault, negligence, strict liability, or breach of warranty of the party indemnified, released or whose liabilities are limited, and shall extend to the members, partners, principals, officers, employees, controlling persons, executives, directors, agents, authorized representatives, and affiliates of such party.
- (e) **Exclusivity.** The provisions of this Agreement constitute Operator's and Owner's exclusive liability, respectively, to each other, and Operator's and Owner's exclusive remedy, respectively, with respect to the Services to be performed hereunder and Owner hereby releases Operator performing Services hereunder, and Operator hereby releases Owner performing its obligations hereunder, from any further liability.

12 CONFIDENTIALITY

12.1 Operator

Operator agrees to hold in confidence for a period *as mentioned in PCC* from the date of disclosure, any information supplied to Operator by Owner or others acting on its behalf. Operator further agrees, to the extent requested by the supplier of such information, to require its subcontractors, vendors, suppliers and employees to enter into appropriate nondisclosure agreements relative to such information, prior to the receipt thereof.

12.2 Owner

Owner agrees to hold in confidence for a period *as mentioned in PCC* from the date of disclosure, any information supplied to Owner by Operator or others acting on its behalf, provided that Owner may disclose such information as is reasonably necessary but without affecting the proprietary (intellectual property) rights, if any of the Operator or others. Owner further agrees, to the extent requested by the supplier of such information, to require its members and contractors to enter into such appropriate nondisclosure agreements relative to such information, prior to their receipt thereof.

12.3 Exceptions

The provisions of this Clause shall not apply to information that was in the public domain, was already in the receiving party's possession, or was received lawfully and free of any obligation to treat it as confidential.

12.4 Required Disclosure

If a receiving party or any of its respective representatives is required by applicable law to disclose any of the information that is otherwise required to remain confidential pursuant to this Clause 12, the receiving party will notify the other party promptly in writing so that the other party may seek a protective order or other appropriate remedy (which the receiving party will not oppose), or, in the other party's sole discretion, waive compliance with the terms of this Agreement.

13 TITLE, DOCUMENTS AND DATA

13.1 Materials and Equipment

Title to all materials, equipment, tools, supplies, consumables, spare parts and other items purchased or obtained by Operator on a Reimbursable Cost basis hereunder shall pass immediately to and vest in Owner upon the passage of title from the vendor or supplier thereof, provided, however, that such transfer of title shall in no way affect Operator's obligations as set forth in this Agreement.

13.2 Documents

All materials and documents prepared or developed by Operator, its employees, representatives or contractors in connection with the Project or performance of the Services, including all manuals, data, drawings, plans, specifications, reports and accounts, shall become Owner's property when prepared, and Operator, its agents, employees, representatives, or contractors shall not use such materials and documents for any purpose other than performance of the Services, without Owner's prior written approval. All such materials and

documents, together with any materials and documents furnished to Operator, its agents, employees, representatives, or contractors by Owner, shall be delivered to Owner upon expiration or termination of this Agreement and before final payment is made to Operator.

13.3 Review by Owner

All materials and documents referred to in Sub-Clause 13.2 hereof shall be made available for review by Owner (including their agents or advisors) at all reasonable times during development and promptly upon completion. All such materials and documents required to be submitted for approval by Owner shall be prepared and processed in accordance with the requirements and specifications set forth in the Administrative Procedures Manual. However, Owner's approval of materials and documents submitted by Operator shall not relieve Operator of its responsibility for the correctness thereof or of its obligation to meet all requirements of this Agreement.

13.4 Proprietary Information

Where materials or documents prepared or developed by Operator or its agents, employees, representatives or contractors contain proprietary information, systems, techniques, or know-how acquired from third parties by Operator or others acting on its behalf, such persons or entities shall retain all rights to use or dispose of such information, provided, however, that Owner shall have the right to the same to the extent necessary for operation or maintenance of the Project.

14 RESOLUTION OF DISPUTES

14.1 Resolution Through Discussions

If any dispute or difference of any kind (a Dispute") arises between Owner and Operator in connection with, or arising out of, this Agreement, the Owner and Operator within thirty (30) days shall attempt to settle such Dispute in the first instance through discussions. The designated representatives of Owner and Operator shall promptly confer and exert their best efforts in good faith to reach a reasonable and equitable resolution of such Dispute. If the representatives are unable to resolve the Dispute within five (5) calendar days, the Dispute shall be referred within two (2) calendar days of the lapse of the five (5) calendar day period to the responsible senior management of each party for resolution. Neither party shall seek any other means of resolving any Dispute arising in connection with this Agreement until the responsible senior management of Owner and Operator have had at least five (5) Business Days to resolve the Dispute following referral of the Dispute to them. If the parties are unable to resolve the Dispute using the procedure described in this Clause, either party may deliver notice to the other party of its intent to submit the Dispute to arbitration ("Arbitration Notice"). The

Arbitration Notice shall include the specific issues concerning the Dispute which must be resolved by the arbitration.

14.2 Arbitration

Any Dispute arising out of, or in connection with, this Agreement and not settled by the procedure prescribed in Sub-Clause 14.1, shall (regardless of the nature of the Dispute) be finally settled in accordance with Arbitration Act 1940 as amended or any statutory modification or re-enactment thereof for the time being in force the place of arbitration shall be *as mentioned in PCC*.

14.3 Continued Performance

During the pendency of any arbitration, Operator and Owner shall continue to perform their obligations under this Agreement.

CLAUSE 15 MISCELLANEOUS PROVISIONS

15.1 Assignment

Neither Owner nor Operator party may assign its rights or obligations under this Agreement without the prior written consent of the other party hereto, except that this Agreement may be assigned by Owner without such prior consent to any successor of Owner, to a person or entity acquiring all or substantially all of the Project, or any purchaser of the Project upon the exercise of remedies under a Project Agreement.

15.2 AccesstoProject

(a) Owner: Owner, and their respective agents and representatives shall have access at all times to the Project and any documents, materials and records and accounts relating to Project operations for purposes of inspection and review. Upon the request of Owner, or their respective agents and representatives, Operator shall make available to such persons or entities and provide them with access to any operating data and all operating logs.

(b) Cooperation: During any such inspection or review of the Project, each of Owner, and their respective agents and representatives shall use its reasonable commercial efforts to cause authorized visitors to comply with Operator's safety and security procedures and to conduct such inspection and review in a manner which causes minimal interference with Operator's activities. Operator agrees to cooperate fully with Owner, and their respective agents and representatives in providing requested information and documentation for the support of any financial or legal transactions associated with the Project.

15.3 ForceMajeure

If either Owner or Operator is rendered wholly or partially unable to perform its obligations under this Agreement (other than payment

obligations) due to a Force Majeure Event, the party affected by such Force Majeure Event shall be excused from whatever performance is impaired by such Force Majeure Event, provided that the affected party promptly, upon learning of such Force Majeure Event and ascertaining that it will affect its performance hereunder, (i) promptly gives notice to the other party stating the nature of the Force Majeure Event, its anticipated duration, and any action being taken to avoid or minimize its effect and (ii) uses its reasonable commercial efforts to remedy its inability to perform. The suspension of performance shall be of no greater scope and no longer duration than that which is necessary. No obligations of either party which arose before the occurrence causing the suspension of performance and which could and should have been fully performed before such occurrence shall be excused as a result of such occurrence. The burden of proof shall be on the party asserting excuse from performance due to a Force Majeure Event.

15.4 Amendments

No amendments or modifications of this Agreement shall be valid unless evidenced in writing and signed by duly authorized representatives of both parties.

15.5 Survival

Notwithstanding any provisions herein to the contrary, the obligations set forth in Clauses 7, 10, 12 and 14, and the limitations of liabilities set forth in Clause 11, shall survive in full force despite the expiration or termination of this Agreement.

15.6 No Waiver

It is understood and agreed that any delay, waiver or omission by Owner or Operator with respect to enforcement of required performance by the other under this Agreement shall not be construed to be a waiver by Owner or Operator of any subsequent breach or default of the same or other required performance on the part of Owner or Operator.

15.7 Notices

All notices and other communications (collectively "Notices") required or permitted under this Agreement shall be in writing and shall be given to each party at its address or fax number set forth in this Sub-Clause 15.8 or at such other address or fax number as hereafter specified as provided in this Section 15.8. All Notices shall be:

- (i) delivered personally, or
- (ii) sent by fax, electronic mail, telegraph, registered or certified mail (return receipt requested and postage prepaid), or
- (iii) sent by a nationally recognized overnight courier service. Notices shall be deemed to have been given

- (A) when transmitted if sent by fax, electronic mail, or telegraph (provided the transmittal is confirmed), or
- (B) upon receipt by the intended recipient if given by any other means.

Notices shall be sent to the following addresses:

To Operator:

[As mentioned in PCC]

To Owner:

[As mentioned in PCC]

15.8 Fines and Penalties

If during the term of this Agreement any governmental or regulatory authority or agency assesses any fines or penalties against Operator or Owner arising from Operator's failure to operate and maintain the Project in accordance with applicable Laws without Owner's prior written consent, such fines and penalties shall, subject to the limitations set forth in Clause 11, be the sole responsibility of Operator and shall not be deemed a Reimbursable Cost.

15.9 Representations and Warranties

Each party represents and warrants to the other party that:

- (a) such party has the full power and authority to execute, deliver and perform this Agreement and to carry out the transactions contemplated hereby;
- (b) to the best of such party's knowledge, the execution, delivery and performance by such party of this Agreement, does not and will not materially conflict with any legal, contractual, or organizational requirement of such party; and
- (c) there are no pending or threatened legal, administrative, or other proceedings that if adversely determined, could reasonably be expected to have a material adverse effect on such party's ability to perform its obligations under this Agreement.

15.10 Counterparts

The parties may execute this Agreement in counterparts, which shall, in the aggregate, when signed by both parties constitute one instrument. Thereafter, each counterpart shall be deemed an original instrument as against any party who has signed it.

15.11 Governing Law

This Agreement is executed and intended to be performed as mentioned in PCC and the laws of country shall govern its construction, interpretation and effect.

15.12 Partial Invalidity

If any term, provision, covenant or condition of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the rest of this Agreement shall remain in full force and effect and in no way be affected, impaired or invalidated.

15.13 Captions

Titles or captions of Clauses contained in this Agreement are inserted as a matter of convenience and for reference, and do not affect the scope or meaning of this Agreement or the intent of any provision hereof.

15.14 Amounts

All amounts of money in this Agreement are denominated in the currency *as mentioned in PCC*.

15.15 Performance Security

The Operator shall provide Performance Security in the currency and amount, *as mentioned in PCC*, to the Owner before signing the Contract. The security shall be in the form of Bank Guarantee or on the form provided in the Bidding Document lead from an insurance company rated as AA by PACRA/JCT, which shall be valid 28 days beyond the Term of the Contract. In case of guarantee from a foreign bank, it shall be counter guaranteed by a scheduled bank in Pakistan.

**PARTICULAR CONDITIONS
OF
CONTRACT**

PARTICULAR CONDITIONS OF CONTRACT

(To be read in conjunction with GCC)

1 AGREEMENT

- 1.1 Appendix B - Reimbursable costs is not applicable under this contract.
- 1.2 Period of contract shall be 03 years from the date of commencement and extendable for further two terms of one (01) year each on same terms and conditions subject to satisfactory performance and mutual consent.
- 1.3 Provision & Maintenance of Data Communication Medium between ETTM Toll Plazas/TOC at NHA network and Operations Centre at NHA HQ Islamabad.

2 DEFINITIONS

-Owner means Employer/ NHA.

3 LOCATION OF PROJECT

1. Detail of Locations Sites & Ops Centre

Sr.	Location	Coordinates		Route
		Latitude	Longitude	
1	Gujranwala	32.012279	74.215446	N-5
2	Okara	30.734673	73.301501	N-5
3	Khanbela	28.943249	70.716924	N-5
4	IMDCW (Barakahu)	33.764989	73.220819	N-75
5	Kohat Tunnel	33.630364	71.536640	N-55
6	Attabad Tunnel	36.304133	74.791427	N-35
7	Lawari Tunnel	35.5159506	71.8353464	N-40
8	M-3 TOC Rajana	30.840080	72.554722	M-3
9	M-5 TOC Tranda M. Panah	29.0737371	70.8069781	M-5
10	Havailian-Thakot TOC Mansehra	34.3452930	73.1547055	KKH-II

2. **Operations Centre,**
National Highway Authority,
27th Mauve Area, G-9/1,
Islamabad

This is a fixed price contract inclusive of all government taxes.

3 SERVICES

- 3.1 Employer has the right to delete any toll plaza from scope of services at any time during currency of contract without any compensation payable to the Operator. Similarly any toll plaza can be added in the contract for connectivity medium against which rate will be mutually negotiated.

4 OWNER/EMPLOYER RESPONSIBILITIES

- 4.1 The Owner/Employer shall arrange Electricity Supply at sites.

5 COMPENSATION AND PAYMENT

- 5.1 This is a fixed price contract. The Owner/Employer shall only be responsible for payment of bid amount as quoted by the bidder or the services actually rendered by the operator to Employer.

- 5.2 Deleted.

- 5.3 Deleted. This is a fixed price contract. The Owner/Employer shall only be responsible for payment of bid amount as quoted by the bidder in the bid form or the services actually rendered by the operator to Employer.

- 5.4 Deleted.

- 5.5 Amended as:

Within 15 days following the end of each month, Operator shall submit the invoice in the Office of General Manager (Revenue) and within 45 days after receipt of any such invoice, Owner/Employer shall:

- (a) pay Operator the sum after necessary deductions (if any as specified in clause 15.8 of GCC and clause 16 of PCC) specified in such invoice, less (i) any amounts previously deposited with Operator relating to such invoice as well as net interest (if any) earned on the bank deposit, and (ii) any portion of such invoice amount that Owner/Employer disputes in good faith or is permitted to offset under this Agreement; and
- (b) with respect to any disputed portion of such invoice, provide Operator with a written statement explaining, in reasonable detail, the basis for such dispute. The parties shall attempt to resolve any such disputed portion in accordance with Clause 14.

6 PROCEDURES, PLAN AND REPORTING

- 6.1 Amended as:

The operator shall prepare Procedures Manual and seek its approval from the Owner/Employer within in thirty (30) days of award of contract which shall include all the necessary activities &

responsibilities of operator regarding this contract including detailed Standard Operating Procedures (SOPs) to ensure the best standard practices. Any changes in this manual, if desired later by operator or Owner/Employer, shall subject to approval from the Owner/Employer.

6.2 Deleted.

6.3 Amended as:

“Operator shall monitor and record all operating data and information that (i) Owner must report to any person or entity under any Project Agreement, (ii) Owner must report to any government agency or other person or entity under applicable Laws and (iii) Owner reasonably requests. Operator shall report required or requested operating data and information to Owner/Employer. Operating data to be reported include information from operating (logs, meter and gauge readings) and maintenance records.”

8 TERM AND TERMINATION

8.1 Three (03) years from the date commencement and extendable for further two terms of one (01) year each on same terms and conditions subject to satisfactory performance and mutual consent. No Reimbursable Costs or Annual Operating Fee is applicable under this contract.

8.2 Duration for notice of termination shall be sixty (60) days.

8.3 Notice period by operator to the Owner/Employer is sixty (60) days.

8.4 No Reimbursable Costs or Annual Operating Fee is applicable under this contract.

8.5(a) Deleted.

12 CONFIDENTIALITY

12.1 Operator agrees to hold in confidence any information supplied to Operator by Owner/Employer or others acting on its behalf. Operator further agrees, to the extent requested by the supplier of such information, to require its subcontractors, vendors, suppliers and employees to enter into appropriate nondisclosure agreements relative to such information, prior to the receipt thereof.

12.2 Owner/Employer agrees to hold in confidence any information supplied to Owner/Employer by Operator or others acting on its behalf, provided that Owner/Employer may disclose such information as is reasonably necessary but without affecting the proprietary (intellectual property) rights, if any of the Operator or others. Owner/Employer further agrees, to the extent requested by the supplier of such information, to require its members and contractors to enter into such appropriate nondisclosure agreements relative to such information, prior to their receipt thereof.

14 RESOLUTION OF DISPUTES

14.1 Amended as:

If any dispute or difference of any kind whatsoever arises between the Operator and the Owner/Employer in connection with or arising out of the Agreement or performance of the job whether during the progress of the job or after its completion or after its termination, abandonment or breach of the Agreement, it shall in the first place be referred to:

- a. The Dispute Resolution Committee composed of General Manager (Revenue) and General Manager (Finance) NHA and said notice/reference shall contain the cause of action, mentioning facts of the case and relief sought. The Dispute Resolution Committee shall decide the dispute within twenty eight (28) days of the receipt of such notice.
- b. If the lessee is dissatisfied with the decision of the Dispute Resolution Committee or if the decision of the Dispute Resolution Committee is not forthcoming within the stipulated or extended period, the Lessee may within two (02) weeks from the receipt of the decision of the Dispute Resolution Committee or expiry of twenty eight days' time refer the matter to a Members' Committee composed of Member (Administration), and Member (Finance) along with the cause of action, mentioning facts of the case and relief sought. The Members' Committee will act as a Sole Adjudicator and shall decide the matter within twenty eight (28) days from the date of submission.

14.2 Amended as:

The Lessee, if dissatisfied with the decision of the Adjudicator shall have the right to serve Notice for Intention to commence arbitration within twenty eight (28) days of receipt of the Adjudicator's decision or within twenty eight (28) days after the expiry of the period stipulated herein above for decision of the Adjudicator in case he fails to give decision. The Arbitration shall take place at Islamabad under the Pakistan Arbitration act of 1940 as amended from time to time. The arbitration proceedings shall take place at Islamabad and shall be conducted in the English language. The Award of the Arbitrator shall be final and binding upon both parties.

15 MISCELLANEOUS PROVISIONS

15.7 Address of Owner/Employer

Office of General Manager (Revenue)
National Highway Authority
27-28, Mauve Area, G-9/1, Islamabad

Address of Operator (To be filled by the bidder)

[Name _____]
[Address _____]
Attn: _____[designated pursuant to Sub-Clause 1.4]
Tel: _____
Fax: _____
E-Mail: [E-mail address]_____

15.11 Islamic Republic of Pakistan's Laws.

15.14 All amounts shall be in Pakistani [Rupees].

15.15 The Performance Security shall be in the Pakistani Rupees for an amount of One (01) Million. The security shall be in the form of Bank Guarantee or on the form provided in the Bidding Document, which shall be valid 28 days beyond the Term of the Contract. In case of guarantee from a foreign bank, it shall be counter guaranteed by a scheduled bank in Pakistan.

16 PERFORMANCE INDICATORS& PENALTIES:

16.1 Down Time Calculation:

Penalty shall be imposed on Operator for the downtime of unserviceable links as per the formulas mentioned below, however Operator shall not be held responsible or liable for any such delay caused by Force Majeure and the delivery/commissioning period as and if extended accordingly.

16.2.1 Central Site (NHA H.Q, Islamabad) Or Toll Plaza Site:

a. Each occurring fault will be rectified within three (3) hours after the information is passed to Operator during working hours and six (6) hours during off hours and holidays. If any such fault is not rectified within stipulated time the down time deduction of such site starts as per the following formula;

Per Hour Deduction for the Downtime: Rs. 5000

b. If the problem is not rectified even after lapse of 06 hours the following formula will be applicable:

Per Hour Deduction for the Downtime: Rs. 10,000

c. If the problem is not rectified even after passing 01x day (i.e. 24 Hrs) after which the contract shall be terminated along with forfeiture of Performance Guarantees and recovery of any other charges to be incurred due to downtime incident.

16.3 Each incident of downtime and its rectification shall be treated independently.

16.4 The calculation of downtime will be for each individual site.

STANDARD FORMS

STANDARD FORMS

- Form of Bid Security
(Bank Guarantee)
- Form of Contract Agreement
- Form of Performance Security
(Bank Guarantee/Insurance Bond)
- Form of Bank Guarantee for Advance Payment

FORM OF BID SECURITY

(Bank Guarantee)

Guarantee No. _____

Executed on _____

Expiry date _____

Name of Guarantor (Bank) with address:

(Scheduled Bank in Pakistan)

Name of Principal (Bidder) with address:

—

Penal Sum of Security (express in words and figures): _____

—

Bid Reference No. _____ Date of Bid
Opening _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal, we the Guarantor above-named are held and firmly bound unto the _____, (hereinafter called the "Employer") in the sum stated above, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid numbered dated as above for _____ (Particulars of Bid) to the said Employer; and

WHEREAS, the Employer has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Employer, conditioned as under:

- (1) that the Bid Security shall remain valid for a period 28 days beyond the period of validity of the Bid i.e. 208 days from the date of opening of Bids;
- (2) that in the event of;

- (a) the Principal withdraws his Bid during the period of validity of Bid, or
- (b) the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 24.2 of Instructions to Bidders, or
- (c) failure of the successful bidder to
 - (i) furnish the required Performance Security, in accordance with Clause 34 of Instructions to Bidders, or
 - (ii) sign the proposed Contract Agreement, in accordance with Clause 35 of Instructions to Bidders,

then the entire sum be paid immediately to the said Employer as liquidated damages and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefor, on the prescribed form presented to him for signature enter into a formal Contract with the said Employer in accordance with his Bid as accepted and furnish within twenty eight (28) days of his being requested to do so, a Performance Security with good and sufficient surety , as may be required, upon the form prescribed by the said Employer for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified for its validity then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Employer the said sum stated above upon first written demand of the Employer without cavil or argument and without requiring the Employer to prove or to show grounds or reasons for such demand notice of which shall be sent by the Employer by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the Principal has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Guarantor shall pay without objection the sum stated above upon first written demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounden Guarantor has executed the instrument under its seal on the date indicated above, the name and seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

Guarantor (Bank)

Witness:

Signature _____

1. _____

Name _____

Title _____
Corporate Secretary (Seal)

2. _____

Name _____

Title _____
Corporate Secretary (Seal)

(Name, Title & Address)
(Seal)

Corporate Guarantor

FORM OF CONTRACT AGREEMENT

This OPERATION AND MAINTENANCE AGREEMENT (hereinafter called the "Agreement") is made and entered into the ____ day of _____(month) 20____ by and between **[Legal name, form and country of Project Employer]** (hereinafter called the "Employer"), and **[Legal name, form and country of O&M firm]** (hereinafter called the "Operator").

WHEREAS, Employer owns a **[Description of Project]**, **[Name of Project]** ("Project") and desires to contract for operation, maintenance and management of the Project,

WHEREAS, Operator provides operation, maintenance and management services for **Projects** and has agreed to provide those services for the Project on the terms and conditions set forth in this Agreement,

NOW this Agreement witnesssseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Contract Agreement;
 - (b) The Letter of Award;
 - (c) The completed Form of Bid;
 - (d) The Particular Conditions of Contract;
 - (e) The General Conditions of Contract;
 - (f) The priced Schedule of Prices;
 - (g) Completed Appendices to Bid ;
 - (i) The Specifications-Technical and Special Provisions
 - (h) The Drawings;
 - (i) any other
3. In _____ Consideration_____Operator
Covenants_____

FORM OF PERFORMANCE SECURITY
(Bank Guarantee)

Guarantee No. _____

Executed on _____

Expiry date _____

Name of Guarantor (Bank/Approved Insurance Company) with address: _____

Name of Principal (Contractor) with address: _____

Penal Sum of Security (express in words and figures) _____

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the "Employer") in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Employer's above said Letter of Acceptance for _____ (Name of Contract) for the _____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full

force and virtue till all requirements of Sub-Clause 8.7, Project Condition at End of Term,, , of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defences under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments and without requiring the Employer to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Employer's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Employer's designated Bank & Account Number.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Guarantor (Bank/Approved Insurance Co.)

Witness:

1. _____

Signature _____

Corporate Secretary (Seal)

Name _____

Title _____

2. _____

Name, Title & Address

Corporate Guarantor
(Seal)

This _____ guarantee shall expire not later than _____
by which date we must have received any claims by registered letter,
telegram, telex or telefax.

It is understood that you will return this Guarantee on expiry or
after settlement of the total amount to be claimed hereunder.

Guarantor (Bank)

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

Name, Title & Address
Guarantor (Seal)

Signature

Name

Title

Corporate

NOT APPLICABLE

**SPECIFICATIONS
SPECIAL PROVISIONS**

-Nil-



SPECIFICATIONS
TECHNICAL PROVISIONS

Following details will become part of Contract.

Description	Quoted time
Latency in links (milliseconds)	
Response/Resolution Time for the following in case of breakdown (hours)	
Category-I: Fault in communication medium	
Category-II: Hardware damage/Theft	
Category-III: Software/Configuration problems	

Firm's Name: _____

Signature: _____

DRAWINGS

-Nil-

