



**GOVERNMENT OF SINDH  
SINDH COAL AUTHORITY**

No.SCA-23/TW/DG/ 838 /2016  
Karachi, dated: 6<sup>th</sup> December, 2016

To,

✓ The Managing Director  
Sindh Public Procurement Regulatory Authority  
Government of Sindh  
Karachi.

**SUBJECT: CONSULTANCY SERVICES FOR DESIGN & CONSTRUCTION  
SUPERVISION OF:**

- i) IMPROVEMENT/REHABILITATION OF REMAINING PORTION OF ROAD FROM SUJAWAL TO BADIN (52 KM) NEAR KHORE WAH TO START OF BADIN BYPASS (KM 27+750 TO KM 79+750), SCHEME NO. I, (ADP # 2227/2016-17).
- ii) IMPROVEMENT/REHABILITATION OF REMAINING PORTION OF ROAD FROM BADIN TO WANGO MOR (KM 9+950 TO KM 27+750, KM 29+750 TO KM 33+150, KM 41+750 TO KM 44+150, KM 47+350 T KM 53+250, LENGTH 29.5 KM) SCHEME NO. II, (ADP # 2228/2016-17).
- iii) REHABILITATIO /RECONSTRUCTION OF ROAD FROM THATTA TO SUJAWAL (30 KM), SCHEME NO. III (ADP # 2237/2016-17)

**CONTRACT AGREEMENT**

Enclosed please find herewith a copy of Contract Agreement signed between Sindh Coal Authority, Govt. of Sindh and M/s. EA Consulting (Pvt) Limited (Consultants) regarding the subject schemes for hoisting of SPPRA's Website.

  
**(DANISH SAEED)**  
Director General

c.c.to:-

1. The Secretary to Government of Sindh, Energy Deptt., Karachi.
2. The Chief Engineer, SCA, Karachi.
3. M/s. EA Consulting (Pvt) Limited alongwith copy of Contract Agreement.

## Bid Evaluation Report

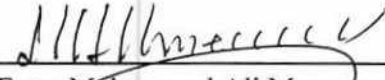
1. Name of Procuring Agency: Energy Department, Sindh Coal Authority, GoS
2. Tender Reference No: SCA-23/TW/DG/612/2016
3. Tender Description/Name of Work/Item: Consultancy Services for Design & Construction Supervision of
- 1) IMPROVEMENT/REHABILITATION OF REMAINING PORTION OF ROAD FROM SUJAWAL TO BADIN (52 KM) NEAR KHORE WAH TO START OF BADIN BYPASS (KM 27+750 TO KM 79+750), SCHEME NO. I, (ADP # 2227/2016-17).
  - 2) IMPROVEMENT/REHABILITATION OF REMAINING PORTION OF ROAD FROM BADIN TO WANGO MOR (KM 9+950 TO KM 27+750, KM 29+750 TO KM 33+150, KM 41+750 TO KM 44+150, KM 47+350 T KM 53+250, LENGTH 29.5 KM) SCHEME NO. II, (ADP # 2228/2016-17).
  - 3) REHABILITATION /RECONSTRUCTION OF ROAD FROM THATTA TO SUJAWAL (30 KM), SCHEME NO. III (ADP # 2237/2016-17)
4. Method of Procurement: Quality & Cost Based Selection (QCBS)
5. Tender Published: EOI was Published in Daily News Papers in English, Urdu, Sindhi with eligibility/Qualification Criteria.
6. Total Bid Documents Sold: Ten (10)
7. Total Bid Received: Nine (09)
8. Bid Opening Date: 16<sup>th</sup> November, 2016.
9. No. of Bid Qualified: Three (03)
10. Bid(s) Rejected: Six (06) (Incomplete, non-responsive)
11. Financial Bid Opening Date: 18<sup>th</sup> November, 2016


NO: 2567  
DATE: 08-12-16

12. Bid Evaluation Report:

S. No	Name of firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reason for acceptance/rejection	Remarks	
0	1	2	3	4	5	6	
1	M/s.EA Consulting (Pvt) Ltd	102,412,052/-	1 <sup>st</sup>	N/A	Lowest Evaluated Bid, Responsive & Submitted lowest Price Bid	Recommended for Award of Contract	
2	M/s. AA Associates in association with ECIL	112,256,397/-	2 <sup>nd</sup>	N/A	High Cost	Rejected	
3	M/s. Associates Consulting Engineers (Pvt) Limited	Not participated in financial bidding process					

Signature of the Members of the Committee.

  
 Engr. Muhammad Ali Memon  
 Chief Engineer, SCA  
 Member, CSC

  
 Muhammad Yaqoob Kazi  
 DAO.SCA  
 Member, CSC

  
 Danish Saeed  
 Director General, SCA,  
 Chairman, CSC



# GOVERNMENT OF SINDH ENERGY DEPARTMENT

## CONTRACT AGREEMENT

for

CONSULTANCY SERVICES FOR DESIGN & CONSTRUCTION  
SUPERVISION OF

1. Improvement/Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) Near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I
2. Improvement/Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 to Km 53+250, Length 29.5 Km) Scheme No. II
3. Rehabilitation /Reconstruction of Road from Thatta to Sujawal (30 km), Scheme No. III

between



### SINDH COAL AUTHORITY

(Employer - The Procuring Agency)

and



### EA Consulting Pvt Ltd

(Formerly Engineering Associates)

Engineering, Architecture & Project Management

Head Office: AL-9, 15th Lane, Khayaban-e-Hilal,

Phase VII, D.H.A., Karachi-75500.,

Tel: UAN: 111-111-584, Fax: (021) 3584-1825

(The Consultant)

DECEMBER 2016



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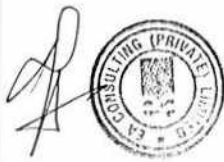
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**LETTER OF ACCEPTANCE**



## FORM OF CONTRACT

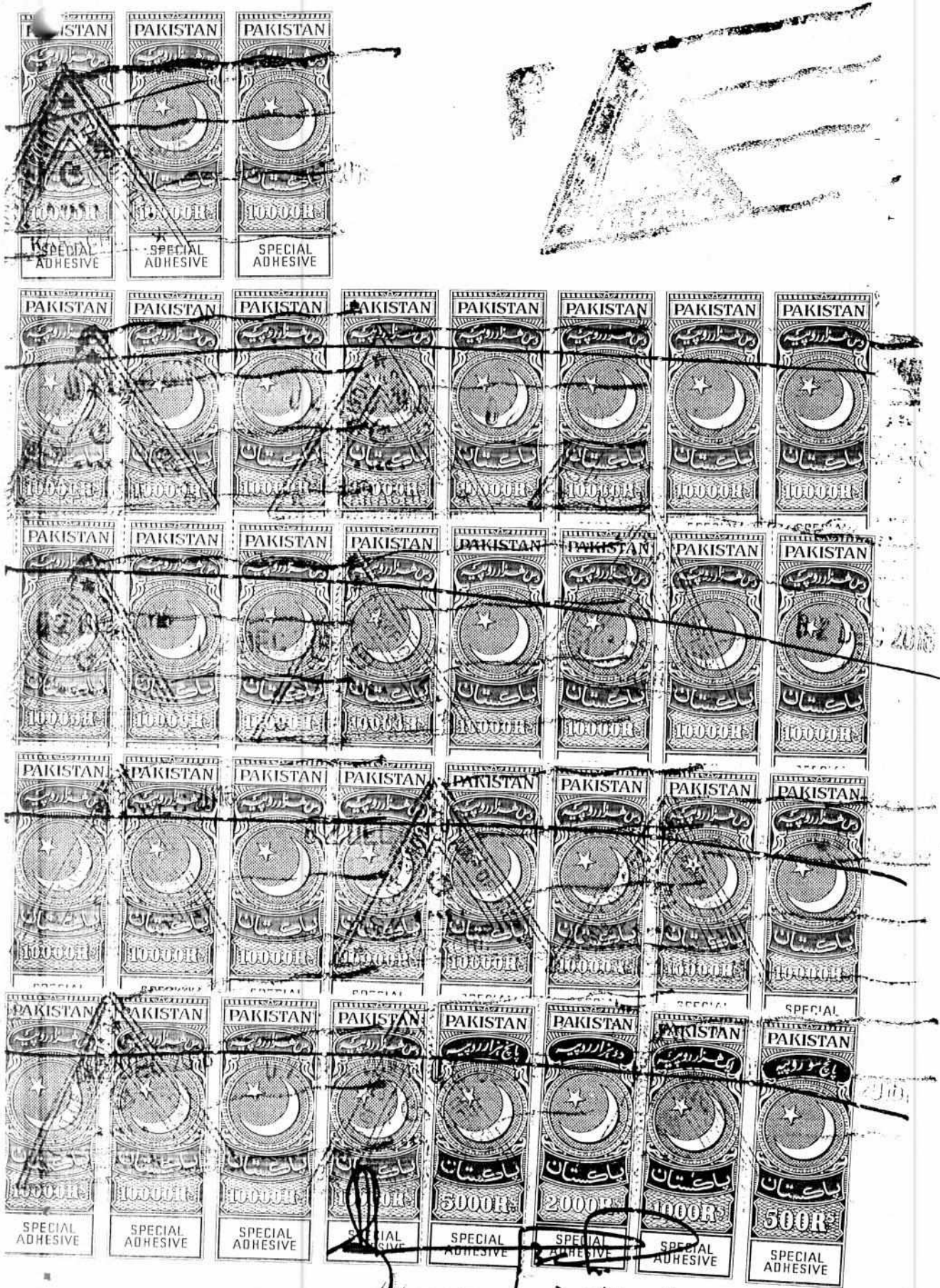




38087/

CHNO 134

Date 2/12/2016



OFFICE SUPERINTENDENT  
 Office, City Court  
 Karachi

2016-16.

02 DEC 2016



(iii) The following documents attached hereto shall be deemed to form an integral part of this Contract.

- a) The General Conditions of Contract
- b) The Special Conditions of Contract
- c) The following Annexures
  - Annex A: TOR / Scope of Services including Project Staffing Requirements, Project Deliverables / Reporting Requirements, Facilities during Construction Supervision Phase and Additional Services etc;
  - Annex B: Cost Estimates for Design, Construction Supervision & Post Construction (DLP) Phases with list of Personnel and Rates
  - Annex C: Project Implementation Schedule
  - Annex D: Project Staff Schedule
  - Annex E: Minutes of Negotiation Committee Meeting
  - Integrity Pact

**2. Term**

The Consultant shall perform the Services during the period commencing from -----, 2016] and continuing through -----, 2018 or any other period as may be subsequently agreed by the parties in writing.

**3. Payment**

A. Ceiling

For Services rendered pursuant to Annex A, the PA shall pay the Consultant an amount not to exceed [Rs. 102,412,052, including Sales Tax]. This amount has been established based on the understanding that it includes all of the Consultant's costs and profits as well as any tax obligation that may be imposed on the Consultant.

C. Payment Conditions

Payment shall be made in Pak Rupees no later than 30 days following submission by the Consultant of invoices in duplicate to the Coordinator designated in paragraph 4.

**4. Project Administration**

A. Coordinator

The PA designates Director General (DG) Sindh Coal Authority (SCA) as PA's Coordinator, or any other official designated and authorized by DG Sindh Coal Authority (SCA); the Coordinator shall be responsible for the coordination of activities under the Contract, for receiving and approving invoices for payment, and for acceptance of the deliverables by the Consultant.

B. Timesheets

During the course of their work under this Contract the Consultant's employees providing services under this Contract may be required to complete timesheets or any other document used to identify time spent, as instructed by the Coordinator.

C. Records and Accounts

The Consultant shall keep accurate and systematic records and accounts in respect of the Services, which will clearly identify all charges and expenses. The PA reserves the right to audit, or to nominate a reputable accounting firm to audit, the Consultant's records relating to amounts claimed under this Contract during its term and any extension, and for a period of three months thereafter.

**5. Performance Standard**

The Consultant undertakes to perform the Services with the highest standards of professional and ethical competence and integrity. The Consultant shall promptly replace any employees



assigned under this Contract that the PA considers unsatisfactory.

**6. Confidentiality**

The Consultants shall not, during the term of this Contract and within two years after its expiration, disclose any proprietary or confidential information relating to the Services, this Contract or the PA's business or operations without the prior written consent of the PA.

**7. Ownership of Material**

Any studies, reports or other material, graphic, software or otherwise, prepared by the Consultant for the PA under the Contract shall belong to and remain the property of the PA. The Consultant may retain a copy of such documents and software.

**8. Consultant Not to be Engaged in Certain Activities**

The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and any entity affiliated with the Consultant, shall be disqualified from providing goods, works or services (other than the Services or any continuation thereof) for any project resulting from or closely related to the Services.

**9. Insurance**

The Consultant will be responsible for taking out any appropriate insurance coverage for their personnel and equipment.

**10. Assignment**

The Consultant shall not assign this Contract or Subcontract any portion thereof it without the PA's prior written consent.

**11. Law Governing Contract and Language**

The Contract shall be governed by the laws of Islamic Republic of Pakistan or the Provincial Government and the language of the Contract shall be English.

**12. Dispute Resolution**

Any dispute arising out of this Contract, which cannot be amicably settled between the parties, shall be referred to adjudication/arbitration in accordance with the Arbitration Act of 1940.

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

**FOR AND BEHALF OF PA**



Signed by: **Danish Saeed**

Title: Director General  
Sindh Coal Authority  
Coal & Energy Development  
Authority, Govt. of Sindh

Witness:

Name: **M. J. Hussain**  
Title: Chief Engineer  
Sindh Coal Authority

**FOR AND BEHALF OF CONSULTANT**

Signed by: **Tanveer Ahmed**

Signed by: **Tanveer Ahmed**

Title: Director  
EA Consulting Pvt Ltd  
AL-9, 15<sup>th</sup> Lane, Khyban-e-Hilal  
Phase-VII, DHA, Karachi.

Witness:

Name: **Muhammad Siddiq Sulemani**  
Title: ~~Deputy~~ Head of Highways

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## GENERAL CONDITIONS OF CONTRACT



## GENERAL CONDITIONS OF CONTRACT

### 1. GENERAL PROVISIONS

**1.1 Definitions** Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- (a) "Applicable Law" means the Sindh Public Procurement Act, thereunder Rules 2010.
- (b) "Procuring Agency PA" means the implementing department which signs the contract
- (c) "Consultant" means a professional who can study, design, organize, evaluate and manage projects or assess, evaluate and provide specialist advice or give technical assistance for making or drafting policies, institutional reforms and includes private entities, consulting firms, legal advisors, engineering firms, construction managers, management firms, procurement agents, inspection agents, auditors, international and multinational organizations, investment and merchant banks, universities, research institutions, government agencies, nongovernmental organizations, and individuals.
- (d) "Contract" means the Contract signed by the Parties and all the attached documents listed in its Clause 1, that is General Conditions (GC), the Special Conditions (SC), and the Appendices.
- (e) "Contract Price" means the price to be paid for the performance of the Services, in accordance with Clause 6;
- (f) "Effective Date" means the date on which this Contract comes into force and effect pursuant to Clause GC 2.1.
- (g) "Foreign Currency" means any currency other than the currency of the PA's country.
- (h) "GC" mean these General Conditions of Contract.
- (i) "Government" means the Government of Sindh.
- (j) "Local Currency" means Pak Rupees.
- (k) "Member" means any of the entities that make up the joint venture/consortium/association, and "Members" means all these entities.
- (l) "Party" means the PA or the Consultant, as the case may be, and "Parties" means both of them.
- (i) "Government" means the Government of Sindh.
- (m) "Personnel" means persons hired by the Consultant or by any Sub-Consultants and assigned to the performance of the Services or any part thereof.
- (n) "SC" means the Special Conditions of Contract by which the GC may be amended or supplemented.
- (o) "Services" means the consulting services to be performed by the Consultant pursuant to this Contract, as described in the Terms of References.
- (p) "Sub-Consultants" means any person or entity to whom/which the Consultant subcontracts any part of the Services.
- (q) "In writing" means communicated in written form with proof of receipt.

**1.2 Law governing Contract** This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the applicable law.

**1.3 Language** This Contract is executed in the language specified in the SC, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

**1.4 Notices** 1.4.1 Any notice, request or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice

request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SC.

- 1.4.2 A Party may change its address for notice hereunder by giving the other Party notice in writing of such change to the address specified in the SC.

**1.5 Location** The Services shall be performed at such locations as are specified in special condition of contract and, where the location of a particular task is not so specified, at such locations, whether in the Government's country or elsewhere, as the PA may approve.

**1.6 Authority of Member in Charge** In case the Consultant consists of a joint venture/ consortium/ association of more than one individual firms, the Members hereby authorize the individual firms or specified in the SC to act on their behalf in exercising all the Consultant's rights and obligations towards the PA under this Contract, including without limitation the receiving of instructions and payments from the PA.

**1.7 Authorized Representatives** Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the PA or the Consultant may be taken or executed by the officials specified in the SC.

**1.8 Taxes and Duties** The Consultant, Sub-Consultants, and their Personnel shall pay such direct or indirect taxes, duties, fees, and other impositions levied under the Applicable Law as specified in the SC, the amount of which is deemed to have been included in the Contract Price.

**1.9 Fraud and Corruption** A. If the PA determines that the Consultant and/or its Personnel, sub-contractors, sub-consultants, services providers and suppliers has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices, in competing for or in executing the Contract, then the PA may, after giving 14 days' notice to the Consultant, terminate the Consultant's employment under the Contract, and may resort to other remedies including blacklisting/disqualification as provided in SPPR 2010.

Any personnel of the Consultant who engages in corrupt, fraudulent, collusive, coercive, or obstructive practice during the execution of the Contract, shall be removed in accordance with Sub-Clause 4.2.

#### Integrity Pact

- B. If the Consultant or any of his Sub-consultants, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Consultant as Appendix-G to this Form of Contract, then the Client shall be entitled to:
- (a) recover from the Consultant an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Consultant or any of his Sub-consultant, agents or servants;
  - (b) terminate the Contract; and
  - (c) recover from the Consultant any loss or damage to the Client as a result of such termination or of any other corrupt business practices of the Consultant or any of his Sub-consultant, agents or servants.



On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Consultant shall proceed in accordance with Sub-Clause 1.9 A. Payment upon such termination shall be made under Sub-Clause 1.9 A after having deducted the amounts due to the Client under 19 B Sub-Para (a) and (c).

## 2. COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT

- 2.1 Effectiveness of Contract** This Contract shall come into effect on the date the Contract is signed by both Parties or such other later date as may be stated in the SC. The date the Contract comes into effect is defined as the Effective Date.
- 2.2 Commencement of Services** The Consultant shall begin carrying out the Services not later than the number of days after the Effective Date specified in the SC.
- 2.3 Expiration of Contract** Unless terminated earlier pursuant to Clause GC 2.6 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SC.
- 2.4 Modifications or Variations** Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any proposals for modification or variation made by the other Party.
- 2.5 Force Majeure** The failure on the part of the parties to perform their obligation under the contract will not be considered a default if such failure is the result of natural calamities, disasters and circumstances beyond the control of the parties.
- 2.5.2 No Breach of Contract** The failure of a Party to fulfill any of its obligations under the contract shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.
- 2.5.3 Extension of Time** Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.
- 2.5.4 Payments** During the period of their inability to perform the Services as a result of an event of Force Majeure, the Consultant shall be entitled to continue to be paid under the terms of this Contract, as well as to be reimbursed for additional costs reasonably and necessarily incurred by them during such period for the purposes of the Services and in reactivating the Service after the end of such period.
- 2.6 Termination**
- 2.6.1 By the PA** The PA may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (f) of this Clause GC 2.6.1. In such an occurrence the PA shall give a not less than thirty (30) days' written notice of termination to the Consultant, and sixty (60) days' in the case of the event referred to in (e).  
If the Consultant does not remedy the failure in the performance of their obligations under the Contract, within thirty (30) days

after being notified or within any further period as the PA may have subsequently approved in writing.

- (b) If the Consultant becomes insolvent or bankrupt.
- (c) If the Consultant, in the judgment of the PA has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- (d) If, as the result of Force Majeure, the Consultant(s) are unable to perform a material portion of the Services for a period of not less than sixty (60) days.
- (e) If the PA, in its sole discretion and for any reason whatsoever, decides to terminate this Contract.
- (f) If the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GC 8 hereof.

#### 2.6.2 By the Consultant

The Consultants may terminate this Contract, by not less than thirty (30) days' written notice to the PA, such notice to be given after the occurrence of any of the events specified in paragraphs (a) through (c) of this Clause GC 2.6.2:

- (a) If the PA fails to pay any money due to the Consultant pursuant to this Contract without consultants fault.
- (b) Pursuant to Clause GC 7 hereof within forty-five (45) days after receiving written notice from the Consultant that such payment is overdue.
- (c) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) days.
- (d) If the PA fails to comply with any final decision reached as a result of arbitration pursuant to Clause GC 8 hereof.

#### 2.6.3 Payment upon Termination

Upon termination of this Contract pursuant to Clauses GC 2.6.1 or GC 2.6.2, the PA shall make the following payments to the Consultant:

- (a) payment pursuant to Clause GC 6 for Services satisfactorily performed prior to the effective date of termination;
- (b) except in the case of termination pursuant to paragraphs (a) through (c), and (f) of Clause GC 2.6.1, reimbursement of any reasonable cost incident to the prompt and orderly termination of the Contract, including the cost of the return travel of the Personnel and their eligible dependents.

### 3. OBLIGATIONS OF THE CONSULTANT

#### 3.1 General

##### 3.1.1 Standard of Performance

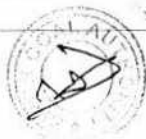
The Consultant shall perform the Services and carry out their obligations hereunder with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as faithful advisers to the PA, and shall at all times support and safeguard the PA's legitimate interests in any dealings with Sub-Consultants or third Parties.

##### 3.2 Conflict of Interests

The Consultant shall hold the PA's interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.

##### 3.2.1 Consultants not to Benefit from

The payment of the Consultant pursuant to Clause GC 6 shall constitute the Consultant's only payment in connection with this Contract or the





**Commissions,  
Discounts, etc.**

Services, and the Consultant shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Consultant shall use their best efforts to ensure that the Personnel, any Sub-Consultants, and agents of either of them similarly shall not receive any such additional payment.

**3.2.2 Consultant and  
Affiliates not to be  
Otherwise Interested  
in Project**

The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and any entity affiliated with the Consultant, as well as any Sub-Consultants and any entity affiliated with such Sub-Consultants, shall be disqualified from providing goods, works or services (other than consulting services) resulting from or directly related to the Consultant's Services for the preparation or implementation of the project.

**3.2.3 Prohibition of  
Conflicting Activities**

The Consultant shall not engage, and shall cause their Personnel as well as their Sub-Consultants and their Personnel not to engage, either directly or indirectly, in any business or professional activities which would conflict with the activities assigned to them under this Contract.

**3.3 Confidentiality**

Except with the prior written consent of the PA, the Consultant and the Personnel shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Consultant and the Personnel make public the recommendations formulated in the course of, or as a result of, the Services.

**3.4 Insurance to be  
Taken Out by the  
Consultant**

The Consultant (a) shall take out and maintain, and shall cause any Sub-Consultants to take out and maintain, at their (or the Sub-Consultants', as the case may be) own cost but on terms and conditions approved by the PA, insurance against the risks, and for the coverage, as shall be specified in the SC; and (b) at the PA's request, shall provide evidence to the PA showing that such insurance has been taken out and maintained and that the current premiums have been paid.

**3.5 Consultant's  
Actions Requiring  
PA's Prior Approval**

The Consultant shall obtain the PA's prior approval in writing before taking any of the following actions:

- (a) entering into a subcontract for the performance of any part of the Services,
- (b) appointing such members of the Personnel not listed by name in Appendix C, and
- (c) any other action that may be specified in the SC.

**3.6 Reporting  
Obligations**

- (a) The Consultant shall submit to the PA the reports and documents specified in (PA may insert appendix) hereto, in the form, in the numbers and within the time periods set forth in the said Appendix.
- (b) Final reports shall be delivered in CD ROM in addition to the hard copies specified in said Appendix.

**3.7 Documents  
Prepared by the  
Consultant to be the  
Property of the PA**

- (a) All plans, drawings, specifications, designs, reports, other documents and software submitted by the Consultant under this Contract shall become and remain the property of the PA, and the Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the PA, together with a detailed inventory thereof.
- (b) The Consultant may retain a copy of such documents and software. Restrictions about the future use of these documents, if any, shall be specified in the SC.



**3.8 Accounting, Inspection and Auditing**

- 3.8.1 The Consultant shall keep, and shall cause its Sub-consultants to keep, accurate and systematic accounts and records in respect of the Contract, in accordance with internationally accepted accounting principles and in such form and detail as will clearly identify relevant time changes and costs.
- 3.8.2 The Consultant shall permit, and shall cause its Sub-consultants to permit, the PA and/or persons appointed by the PA to inspect its accounts and records relating to the performance of the Contract and the submission of the Proposal to provide the Services, and to have such accounts and records audited by auditors appointed by the PA if requested by the PA. The Consultant's attention is drawn to Clause 1.9.1 which provides, inter alia, that acts intended to materially impede the exercise of the PA's inspection and audit rights provided for under Clause 3.8 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the PA's prevailing sanctions procedures.).

**4. CONSULTANT'S PERSONNEL**

**4.1 Description of Personnel**

The Consultant shall employ and provide such qualified and experienced Personnel and Sub-Consultants as are required to carry out the Services. The titles, agreed job descriptions, minimum qualifications, and estimated periods of engagement in the carrying out of the Services of the Consultant's Key Personnel are described in Appendix C. The Key Personnel and Sub-Consultants listed by title as well as by name in Appendix C are hereby approved by the PA.

**4.2 Removal and/or Replacement of Personnel**

- (a) Except as the PA may otherwise agree, no changes shall be made in the Key Personnel. If, for any reason beyond the reasonable control of the Consultant, such as retirement, death, medical incapacity, among others, it becomes necessary to replace any of the Key Personnel, the Consultant shall provide as a replacement a person of equivalent or better qualifications.
- (b) If the PA finds that any of the Personnel have (i) committed serious misconduct or have been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Consultant shall, at the PA's written request specifying the grounds thereof, provide as a replacement a person with qualifications and experience acceptable to the PA.
- (c) The Consultant shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

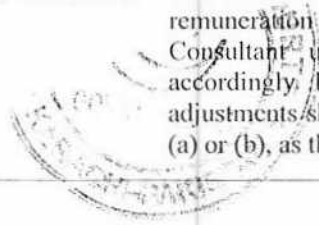
**5. OBLIGATIONS OF THE PA**

**5.1 Assistance and Exemptions**

The PA shall use its best efforts to ensure that the Government shall provide the Consultant such assistance and exemptions as specified in the SC.

**5.2 Change in the Applicable Law Related to Taxes and Duties**

If, after the date of this Contract, there is any change in the Applicable Law with respect to taxes and duties which increases or decreases the cost incurred by the Consultant in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Consultant under this Contract shall be increased or decreased accordingly by agreement between the Parties, and corresponding adjustments shall be made to the amounts referred to in Clauses GC 6.2 (a) or (b), as the case may be.



**5.3 Services and Facilities**

The PA shall make available free of charge to the Consultant the Services and Facilities listed under Appendix F.

**6. PAYMENTS TO THE CONSULTANT**

**6.1 Security**

The consultant has to submit bid security and the performance security at the rate mention in SC.

**6.2 Lump-Sum Payment**

The total payment due to the Consultant shall not exceed the Contract Price which is an all inclusive fixed lump-sum covering all costs required to carry out the Services described in Appendix A. Except as provided in Clause 5.2, the Contract Price may only be increased above the amounts stated in Clause 6.2 if the Parties have agreed to additional payments in accordance with Clause 2.4.

**6.3 Contract Price  
6.4 Payment for Additional Services**

The price payable in Pak Rupees/foreign currency/ is set forth in the SC. For the purpose of determining the remuneration due for additional services as may be agreed under Clause 2.4, a breakdown of the lump-sum price is provided in Appendices D and E.

**6.5 Terms and Conditions of Payment**

Payments will be made to the account of the Consultant and according to the payment schedule stated in the SC. Unless otherwise stated in the SC, the first payment shall be made against the provision by the Consultant of an advance payment guarantee for the same amount, and shall be valid for the period stated in the SC. Such guarantee shall be in the form set forth in Appendix G hereto, or in such other form, as the PA shall have approved in writing. Any other payment shall be made after the conditions listed in the SC for such payment have been met, and the Consultant has submitted an invoice to the PA specifying the amount due.

**7. GOOD FAITH**

**7.1 Good Faith**

The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

**8. SETTLEMENT OF DISPUTES**

**8.1 Amicable Settlement**

The Parties agree that the avoidance or early resolution of disputes is crucial for a smooth execution of the Contract and the success of the assignment. The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.

**8.2 Dispute Resolution**

Any dispute between the Parties as to matters arising pursuant to this Contract that cannot be settled amicably within thirty (30) days after receipt by one Party of the other Party's request for such amicable settlement may be submitted by either Party for settlement in accordance with the provisions specified in the SC.



**SPECIAL CONDITIONS OF CONTRACT**



## SPECIAL CONDITIONS OF CONTRACT

- Number of GC Amendments of, and Supplements to, Clauses in the General Conditions of Contract
- 1.1 Sindh Public Procurement Act and Sindh Public Procurement Rules 2010.
- 1.3 The language is English
- 1.4 The addresses are:
- Procuring Agency** : House No. 16, E-Street, behind Zamzama Park, DHA Phase V, Karachi
- Attention : Director General (DG), Sindh Coal Authority (SCA)
- Facsimile : 021-99251038
- E-mail : dgsc@yahoo.com
- Consultant** : EA Consulting Pvt. Ltd  
AL-9, 15th Lane, Khayaban-e-Hilal, Phase VII, DHA, Karachi
- Attention : Mr. Tanveer Ahmed
- Facsimile : 021-35841637 & 021-35841825
- E-mails : highways@caeworld.com & tanveer@caeworld.com
- 1.6 The Member in Charge is Mr. Tanveer Ahmed, Director
- 1.7 The Authorized Representatives are:
- For the PA** : Director General,
- For the Consultant** : Muhammad Siddiq Sulemani
- 2.2 The date for the commencement of Services shall be within seven (07) days of signing of the Contract.
- 2.3 The time period shall be 3 months for Design and Tender Documentation, 24 months for Construction Supervision and 3 months for closing / finalization of construction contract.
- 3.4 The risks and the coverage shall be as follows:
- (a) Third Party liability insurance, with a minimum coverage of **PKR 200,000/- per occurrence;**
- (b) professional liability insurance, with a minimum coverage of twice the Contract Amount;
- (c) Employer's liability and workers' compensation insurance in respect of the Personnel of the Consultant and of any Sub-Consultants, in accordance with the relevant provisions of the Applicable Law, as well as, with respect to such Personnel, any such life, health, accident, travel or other insurance as may be appropriate; **PKR 600,000/- per occurrence in case of death and PKR 150,000/- in case of injury.**
- (d) insurance against loss of or damage to (i) equipment purchased in whole or in part with funds provided under this Contract, **Full Replacement Cost** (ii) any documents prepared by the Consultant in the performance of the Services, **Full cost to be incurred on the reproduction of any such document.**

3.7 (b) The Consultant shall not use these documents and software for purposes unrelated to this Contract without the prior written approval of the PA.

5.1 *Not Applicable*

6.1 1% Bid Security submitted with financial proposal shall be returned back to the Consultant upon receipt of 5% Performance Security or shall be adjusted in the Performance Security.

6.3 The amount in **Pak Rupees 102,412,052/-**.

6.5 The accounts for local currency is:

Title of Account: EA Consulting Pvt Ltd  
Account Number: 000102391-9 (SWIFT Code: UNILPKKA)  
IBAN: PK32 UNIL 0112 1620 01023919  
Bank: United Bank Limited, Sunset Boulevard  
Branch, Karachi

Payments shall be made according to the following schedule:

**A Design Phase**

- a) Fifteen (15) percent of the design contract price shall be paid on the submission of Inception Report.
- b) Sixty (60) percent of the design contract price shall be paid upon submission of tender documents, bid evaluation
- c) Fifteen (15) percent of the design contract price shall be paid upon submission of Draft Final Report
- d) Ten (10) percent of the design contract price shall be paid upon submission of the final report.

**B Construction Supervision Phase**

Consultants' invoices shall be paid in every month as per the input (remuneration and out of pocket expenses) made during the month

8.2 Disputes shall be settled by Complaint Redressal Committee define in SPPR 2010 or through arbitration Act of 1940 in accordance with the following provisions:

The Arbitration shall take place in Karachi.



**ANNEXURE-A**  
**TERMS OF REFERENCE**



## TERMS OF REFERENCE (TOR)

1. The Government of Sindh, Energy Department is taking steps to provide enabling infrastructure to generate power/energy from the Coal, which is a natural gift available in mass quantity in the desert area of the Tharparkar District in the Province of Sindh. For exploring the coal by open cast mining and power generation, heavy machinery and equipment is to be transported from Sea port Karachi to Thar Coal Field Area. As per requirements of the potential investors for providing save access to transport their heavy equipment and machinery to the Coal Field Area, the existing road network needs to be improved to cater for heavy loading requirements. The Government of Sindh, Energy Department/Sindh Coal Authority has therefore decided to widening / improve / strengthening the existing road network which lead to Thar Coal Field Area:
  - (i) **Improvement/Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) Near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I**
  - (ii) **Improvement/Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 t Km 53+250, Length 29.5 Km), Scheme No. II**
  - (iii) **Rehabilitation/Reconstruction of Road from Thatta to Sujawal (30 Km), Scheme No. III**
2. The scope of work required for planning, designing and construction supervision services for the above mentioned schemes is outlined in this section of RFP.
3. **The Consultant**

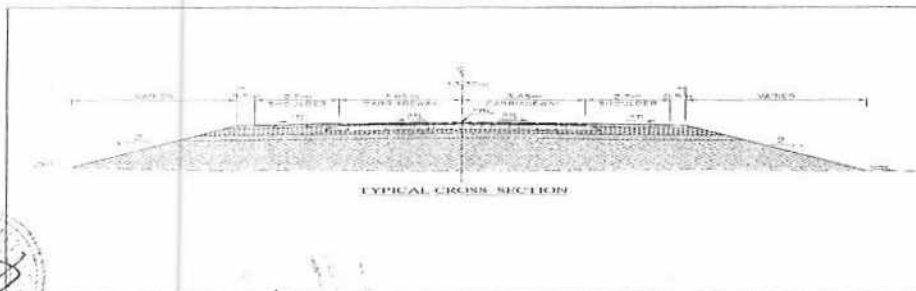
The services will be provided by a consulting firm, joint venture or consortium of consulting firms to be appointed by Sindh Coal Authority / Energy Department in accordance with the SPPRA 2010. The consultant will provide the staffing for carrying out the works in design phase and providing construction supervision services, as mentioned in this RFP for the Scheme I, II and III. The final staffing will be adjusted to suit the actual procurement and implementation schedule.

### **Part A: PLANNING, DESIGN, PREPARATION OF TENDER DOCUMENTS AND PRE-COSNTRUCTIONS SERVICES.**

Broadly the consultants will provide detailed Engineering Design including improvement of geometrical design of existing roads.

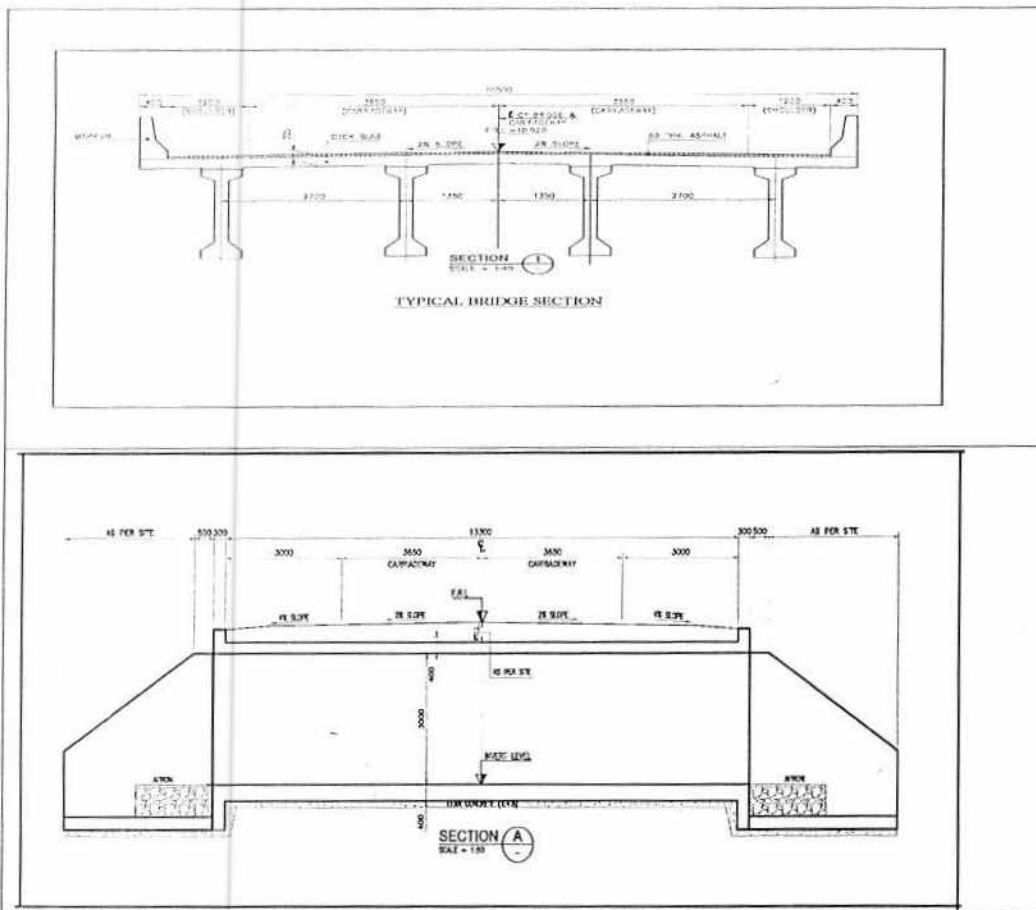
The project / contract road(s) will be two lane single carriageways with:

Carriageway Width	7.3 m
Shoulder Width	3 m (2.5 m paved and 0.5m earthen)
Camber	Carriageway 2% and Shoulder 4 %
Full Super elevation	6 %
Design Speed	80 kph for plain and 50-60 kph for urban area as per site requirements.



Standards for Structures AASHTO, Pakistan Highway Code of Practice for bridges and culverts 1967, UBC/IBC 2003, ASTM, ACI, Vehicles live load, Class A & Class AA loading





The scope of the work for the consultants will include, but not necessarily be limited to the following.

- i. Carry out topographic surveys, including horizontal and vertical alignment and cross sections, establishment of horizontal control points, benchmarks and permanent reference beacons as required for detailed Engineering design to enable construction quantities to be calculated to the accuracy of (+) (-) 10 %.
- ii. Collect soil samples from roadway, existing pavement structure and borrow areas and testing for classification, Atterberg limits (liquid and plastic limits). Modified AASHTO compaction, soaked CBR and suitability for stabilization.
- iii. Collect samples from quarry sources for fine and course aggregates and test them for use in sub base, aggregate base, asphalt concrete and cement concrete works etc.
- iv. Carry out Inventory and condition surveys of the project roads, including its geometric features, type and condition of drainage structures, load carrying capacity, pavement and other major features. Assess/ quantify potential problems that are related to the land acquisition, cutting of trees, relocation of utilities etc and should be addressed before construction contracts are awarded.
- v. Investigate the suitability of locally available construction material and where necessary, locate new queries and borrow pits and assess the quantity of material and hauling distance.
- vi. Examine materials found along the road alignments, taken at suitable intervals. Pay particular attention to/sub surface conditions at bridge sites (if any) through appropriate geo technical survey.
- vii. Carryout traffic count surveys along the project roads. On the basis of traffic count, historical records and projections made, traffic levels and axles load considerations, determine the most cost effective construction option for project roads.



- viii. Study the existing hydrological regime based on an analysis of rainfall and flood records, including sub surface water characteristics, supplemented by detailed field investigation, to establish the adequacy of road embankment levels, culverts and side ditches.
- ix. Assess cross drainage requirement and propose new structure (bridges, culverts and cause ways as appropriate) or improvement of existing structures where these are otherwise structurally sound. If required by the PA, carry out as additional services necessary Non Destructive Testing (NDT) for ascertaining the condition of existing culverts, bridges to withstand heavy loading of the equipment and machinery which is to be transported to Thar coal field area.
- x. Update technical, economic and social data (if provided by the Client)
- xi. Prepare revised PC-1 based on the detailed Engineering design and cost estimates.
- xii. Any other road Engineering details required by the Army authorities, highways and Procuring Agency.
- xiii. The relevant record /data is also required to be computerized / digitalized
- xiv. Prepare pavement designs based on TRRL Road Note 31 / AASHTO in accordance with the requirement of the Sindh Coal Authority. Suggest improvements, rehabilitation, reconstruction and new construction strategies accordingly.
- xv. Prepare Detailed Engineering Designs, Tender Documents, including Bills of Quantities, Engineering Estimates and work out the cost of civil work contracts and overall project.
- xvi. Carryout highway safety audit. The road safety design should focus on the junction design, pedestrian safety facility in built up areas, traffic sign and road side safety design etc.
- xvii. Prepare appropriate contact packages, taking into account the location of the project roads and size of contracts, suitable for NCB among qualified domestic contractors with varying implementation capability and / or capacity.
- xviii. Prepare PQ documents for contractors and assist Sindh Coal Authority in pre-qualification of contractors, preparation of Invitation to Bid, Evaluation of bids received, and award of civil works contracts.
- xix. In conjunction with the Sindh Coal Authority, prepare realistic construction schedule showing the anticipated progress of works and expenditure for the contract packages. The schedule will reflect seasonal, climatic effects at the work sites, and will take into account typical outputs of road projects of similar nature.
- xx. Ensure that the bid documents include specific provision to minimize disruption / damage to the environment and local settlements due to constructions.

#### **PART B: CONSTRUCTION SUPERVISION AND POST-CONSTRUCTION SERVICES**

1. Depending on the construction packaging, the scope of construction supervision and post-construction services may consist of one or more construction packages under different construction contracts. The supervision Consultant, however, shall supervise the works of all construction contracts for both schemes under one consultancy services package/contract:
2. The objective of the consultancy services under this phase are:
  - a. Proper management of civil work contracts as the Engineer including field measurements and quality assurance work.



- b. Comprehensive supervision of project implementation activities carried out by the contractors to ensure complete compliance with the drawings, technical specifications and various stipulations contained in the Contract Documents.
  - c. Efficient construction supervision by personnel who are experienced in the modern methods of construction supervision and contract management.
  - d. Ensure high standards of quality assurance in the supervision / execution of work.
  - e. Ensure completion of the works within the stipulated period and/or identify ahead of time impediments to this effect.
3. The main features of Contract Management Framework (CMF) envisaged for the execution of the proposed construction of works are:-
- a. For administration of the contract under the project, the SCA will be the Employer. The Employer will have a Project Management Unit (PMU) and project implementation unit (PIU), which are the in-charge of the works. The PMU shall be headed by the Chief Engineer, Sindh Coal Authority who is assisted by appropriate professional and support staff. The Chief Engineer Sindh Coal Authority will act as the Employer's Representative.
  - b. The Consultant shall nominate a Representative who shall be called the Team Leader, and will act as the 'Engineer'. The Engineer shall have a team of experienced professional and support staff for the execution of the Consultancy Service under the Contract.
  - c. The supervision Consultant will make the necessary measurements and control the quality of works. While the supervision Consultant shall make all Engineering decisions required during the implementation of the Contract, he shall seek prior approval of the Employer with regard to the following.
    - i. Any variations or deviations with financial implications
    - ii. Variation in work quantities for fixation of rates
    - iii. Sanction of additional items, sums or costs and variations of rates and prices.
    - iv. Approval the subletting of and part of works.
    - v. Stopping and / or termination of the Contract for Works.
    - vi. Change in specification and deviation from approved drawings.
    - vii. Any other as required per Conditions of Contract of construction contract.
4. The scope Consulting Services for construction supervision phase shall include but not necessarily be limited to the following:

**Engineering and Administration**

- (a) To assist Employer in contract administration and management of the project.
- (b) To act as 'Engineer' for the purpose of civil works contract.
- (c) To interpret the Technical Specifications and Contract Documents.
- (d) Scrutinize and approve the Contractors' detailed work programme, suggest modifications if any, after a careful study keeping in view the overall interest of the project. After having approval, the same will be issued to the Contractor for implementation with copy to the Employer.
- (e) Scrutinize and/ or review Contractor's superintendence, personnel and suggest modifications, if any.
- (f) Initiate advance actions for handing over of site and / or issue of drawings, and / or advise Employer.
- (g) Scrutinize the Construction Methods proposed by the Contractor for carrying out the works to ensure that these are satisfactory with particular reference to the technical requirements, project implementation schedule and environmental aspects as well as safety of works, personnel and the general public.
- (h) The Engineer is to approve the working drawings/detailed drawings prepared earlier under design phase or by the Contractor or any other agency and also setting out data and issue the same to the contractor.
- (i) Liaison and co-ordination through client with the local authorities for shifting of utilities, wherever required.



- (j) Certify 'As constructed' drawings for each component of the works finished by the Contractor.
- (k) Review and ensure conformity of Contractor's securities in approved formats.
- (l) Maintain a day-to-day diary recording all events to the works.

#### **Construction Supervision**

- (a) Carry out detailed checking and verification of the setting-out data for the work including lines, levels and layout to ensure conformity with the working drawings.
- (b) Carry out inspection of the contractor's equipment, machinery, installations, housing and medical and mandatory facilities etc. And ensure that they are adequate and are in accordance with the terms and conditions of the contract.
- (c) Direct the Contractor to carry out all such works to do such things as may be necessary to avoid or to reduce the risk in case of any emergency affecting the safety of life or to reduce the risk in case of any emergency affecting the safety of life or of the adjoin property and advise the Employer as soon thereafter as is reasonably practicable.
- (d) Supervise the contract in all matters concerning safety and care of the work including environmental aspects and labor welfare.
- (e) Inspect Works on substantial Completion before taking over and indicate the Employer any outstanding work to be carried out by the contractor during the Defect Liability period.

#### **Quality of materials and Works**

- (a) Evolve and implementing a system for the quality assurance of the works. The systems of control of quality of materials and completed works shall also include sampling methods and criteria and accepting and acceptance criteria. The sampling methods and the acceptance criteria shall be based on statistical methods and the recommendations of the relevant codes, standards and international practices. Any other aspects for proper quality control shall be finalized and executed accordingly.
- (b) Inspect the performance of works with regard to workmanship and compliance with the specifications, order / supervise/ perform tests on materials and / or work and approve / disapprove the Contractor's plant and equipment.
- (c) Review and approve the test results/certificates of all construction materials and / or sources of materials and carry out additional tests as necessary to establish their quality.
- (d) Associate with the work tests being carried out by the contractor and undertake additional tests as necessary to assess the quality of works.
- (e) Carry out technical supervision of the works to ensure their quality and conformity with the standards and specifications as per contract. In addition to assessing and checking the laboratory and field tests carried out by the Contractor, the Consultants shall carry out independent tests as necessary to establish their quality.
- (f) In the event any material or item of works is found to be substandard and unacceptable, the Consultant shall initiate actions so that such cases do not recur.
- (g) Maintain a permanent record of all measurements for the work quantities to be paid for and the results of all tests carried out for monitoring the quality of works.

#### **Measurement and Payment**

- (a) Take field measurement of all items of works and of quantities of materials incorporated in the work and maintain up to date books containing such computations or other information concerning the use of construction materials, properly segregated in to sections of construction.
- (b) Maintain up to date records of remaining quantities to be incorporated in the work and monitor the expected project cost based upon the remaining quantities. General records of all labor and specified materials used in the works, including copies of orders, delivery notes and invoices for such materials and details of wage rates paid by the contractor shall be maintained.



- (c) Prepare a schedule for placing the orders for specified material, in consultation with the contractor, to minimize the financial effects of escalation in the price of those materials.
  - (d) Certify that work volume and recommend the interim / final certificate for payment accordingly.
  - (e) Furnish the certificate to the Employer that the items included in the Contractor's bills satisfy the required quality of works and are acceptable with regards to the standards and specifications prescribed in the Contract.
  - (f) Check and certify all requests for payments, all monthly bills, interim bill and final bill of the Contractor.
  - (g) Following percentage checks / recording of measurement and quality control tests shall be exercised by the team members of the Consultant's before submission of the measurements/ bills to Employer.
    - i. All measurement of all items of works will be recorded by ARE and Quantity Surveyor in the Measurement Book as per provisions and rules.
    - ii. All measurement of hidden items of works will be recorded by the ARE and Quantity Surveyor in the Measurement Book as per provision and rules.
    - iii. Following percent checks on measurement shall be done by the team members of the consultant.
      - By Resident Engineer - 50%
      - By Assistant Resident Engineer - 100%
- These checks shall be made on every road or stretch of road in the given percentage and should cover all important items / components of work. Checks of measurements have been laid down but the consultant will be fully responsible for all measurements prescribed for the RE or for other than those checked by ARE. But this does not prohibit RE for from checking the measurement of the part checked by ARE. However, this shall be in addition to the prescribed percentage.
- (h) Scrutinize and advice the Employer upon the claims raised by the Contractor, if any.
  - (i) To perform repeat tests or check measurements, if directed by the Employer. These repeat tests or measurements may be conducted in the presence of Employer or his representatives as may be directed.
  - (j) In case of conflicts, perform tests or measurements of any or all of the items in presence of Employer.

### **Progress of Work**

- (a) Implement a system for monitoring the progress of work based on computer project management techniques.
- (b) Systematically check the progress of the Work and order the initiation of the work, which is part of the Contract.
- (c) Maintain an up-to-date status of all construction activities against the original schedule for completion of works.
- (d) Shall investigate and initiate early action with regard to the delays in the execution of works. The Resident Engineer shall explain in his monthly progress and special reports the reasons for delays and explain the actions to be taken / already taken to correct the situation. All reports prepared by the Consultants' Team shall be objective and shall substantiate any event/ recommendation with factual data and information. The progress Reports shall contain the pertinent data and chart form and shall clearly bring out the comparison between the projected and the actual work done using "S" curves and /or any other widely accepted superior methods of representation.

### **Land Acquisition Plans and / or Documents, as Required**

- i. Prepare land plans and land statements in consultation with the Employer and Revenue Authority (if required).
- ii. Prepare the details lists of damages of settlements and other agriculture / crops and assist the clients in awarding the compensation for the same.



## 5. Project Implementation Schedule

It is envisaged that the design and construction supervision phases for the above mentioned contracts shall be as follows:

- |  |           |
|--|-----------|
| (a) Design Phase i/c pre-construction activities | 03 Months |
| (b) Construction Phase                           | 24 Months |
| (c) Post Construction Phase (DLP)                | 12 Months |
- (Initial 3 months for project accounts finalization and remaining 9 months for project monitoring and issuance of Defects Liability Certificate)

## 6. Project Staffing Requirements

The Consultant is expected to provide the following personnel for the time periods for different assignments (Design and Construction Phases), as indicated in sub head 5 above. The staff shown below for Design Phase only is indicative and subject to variation by agreement with Sindh Coal Authority / Coal and Energy Development Department.

- (a) **Design Phase:**
- Team Leader
  - Contract Engineer
  - Highway Design Engineer
  - Structure Design Engineer
  - Pavement Design Engineer
  - Geotechnical Engineer
  - Traffic Engineer
  - Quantity Surveyor
  - Surveyors
  - CAD operators
  - Support Staff

Man Months of above staff will be estimated by the Consultant.

(b) **Construction Phase:**

While construction packaging will be identified, subsequent to contract packaging, it is envisaged that the Team of Construction Supervision Consultant shall have the following professionals and supporting indicative staff for entire duration of 24 months.

S.#	Position	Scheme - I, II & III	
		Qty.	Man-Month
	<b>Key Staff</b>		
1	Team Leader (The Engineer) (15 days/month)	1	12
2	Contract Engineer (15 days/month)	1	12
3	Resident Engineer	1	24
4	Assistant Resident Engineer (Highway)	2	48
5	Assistant Resident Engineer (structures)	2	48
6	Material Engineer	1	24
7	Quantity Surveyor	1	24
8	Site Inspector (Highway)	4	96
9	Site Inspector (Structure)	3	72
10	Surveyor	6	144
11	Lab Technician	6	144
	<b>Support Staff</b>		
12	Computer Operator	1	24
13	Peon/Messenger	2	48

(c) Post- Construction Phase (DLP)

S.#	Position	Scheme – I, II & III			
		Qty.	Initial 3 Month	Remaining 9 months	Total
			Man-Months	Man-Months	
<b>Key Staff</b>					
1	Team Leader (The Engineer)	1	1.5	0.9	2.4
2	Contract Engineer	1	1.5	-	1.5
3	Resident Engineer	1	3	3	6
4	Quantity Surveyor	1	3	3	6
<b>Support Staff</b>					
5	Computer Operator	1	3	9	12
6	Peon / Messenger	2	6	18	24

7. Project Deliverables

All reports documents prepared by the Consultants shall be professionally precise and objective. The report formats shall be finalized in consultation with the Employer. The consultants shall provide specified number of copies / sets of the following reports and / or documents to Employer, which may be varied as per requirements:

(a) Design Phase

- i. Inception report..... 03 copies
- ii. Topographic Survey Report..... 03 copies
- iii. Site Survey and Investigation Report..... 03 copies
- iv. Traffic Survey & Study Report..... 03 copies
- v. Pavement Design Report..... 03 copies
- vi. Draft Final Design Report..... 02 copies
- vii. Final Design Report..... 03 copies
- viii. Revised PC-1 Document..... 10 copies
- ix. Tender Documents including BOQ, Drawings, Specification.. 10 to 20 copies
- x. Engineer's Estimate..... 03 copies

Note: The electronic versions of all documents will be provided to the Employer.

(b) Pre-Construction Phase

- i. Pre-qualification documents for contractors..... 20 copies
- ii. Prequalification Evaluation Report..... 02 copies
- iii. Bid Evaluation Report..... 02 copies

(c) Construction Supervision Phase

- i. Monthly Progress Report..... 03 copies

(d) Post- Construction Phase

- i. Project Completion Report (upon completion..... 03 copies  
of DLP period with Consultants).

**FACILITIES DURING SUPERVISION CONSTRUCTION PHASE**

The Employer will provide the following inputs and facilities:

- i) The Administrative facilities in performing the services.
- ii) Documents related to the project available in the Department / Authority.
- iii) The Consultant's Team leader (The Engineer) and Contract / Procurement Engineer and his support staff will be stationed at Karachi and their office, accommodation / housing, furnishing equipment and running cost of utilities excluding transportation with POB and maintenance will be financed by the Consultant under the Consultancy Contract Agreement.



- iv) The site offices and accommodations / housing for construction supervision residential staff will be provided through Civil Work Contract.
- v) The furnishing, equipment and running cost of utilities for Consultants supervision staff site offices and housing / accommodations will be financed through Civil Work Contract.
- vi) Transportation of the Consultants supervision staff with POL and maintenance will be will be financed through Civil Work Contract.
- vii) Material testing laboratories (central and field) including furnishing, equipment, their maintenance and utilities will be provided through Civil Work Contract.
- viii) Survey Equipment including maintenance will be provided through Civil Work Contract.

#### ADDITIONAL SERVICES

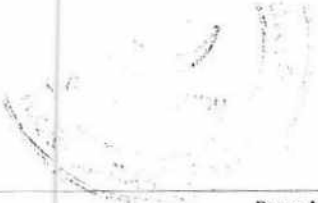
If required to do so by the Employer, the Consultant shall provide additional services which include the following, as appropriate:

- i. Advise the Employer with respect to carrying out the work following an appeal to arbitration or litigation to the works.
- ii. Services other than these and other than minor extras which do not materially affect the scope of the Consultant's agreement will be authorized by the Employer at rates and under conditions to be mutually agreed.





**ANNEXURE-B**  
**COST ESTIMATES FOR DESIGN,  
CONSTRUCTION SUPERVISION & POST  
CONSTRUCTION (DLP) PHASES WITH LIST OF  
PERSONNEL AND RATES**



1) Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I

2) Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, 41+750 to Km 44+150, Km 47+350 to Km 53+250 (29.5 Km)], Scheme No. II

3) Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III

Form FIN-2 : SUMMARY OF COSTS

Sr. No.	Item	Cost (PKR)
1	Total Cost of Financial Proposal	90,630,134
2	Sales Tax on Services @ 13%	11,781,917
<b>Grand Total of Financial Proposal</b>		<b>102,412,052</b>



1) Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I

2) Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, 41+750 to Km 44+150, Km 47+350 to Km 53+250 (29.5 Km)], Scheme No. II

3) Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III

Form FIN-3 : BREAKDOWN OF COST BY ACTIVITY

Sr. No.	Activity	Amount (PKR)
1	Total Man-Power Cost	90,630,134
2	Total Direct Cost	-
Total ==>		90,630,134



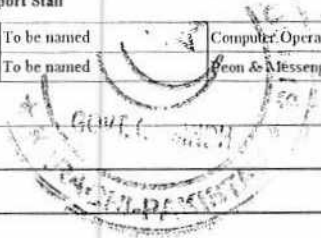
1) Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750) Scheme No. I

2) Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, 41+750 to Km 44+150, Km 47+350 to Km 53+250 (29.5 Km)] Scheme No. II

3) Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III

Form FLN-4 : BREAKDOWN OF REMUNERATION

Sr. No.	Name	Position	Monthly Charge Rate (PKR)	Man-Months	Amount (PKR)
<b>Design Phase</b>					
1	Muhammad Siddiq Sulemani	Team Leader / The Engineer			4,500,000
2	Admiral (R) Muneer Wahid	Contract Engineer			
3	Atif Naeem Baig	Highway Design Engineer			
4	Dr. Abulkhair Masroor	Structure Design Engineer			
5	Afzal Walid	Pavement Design Engineer			
6	Saif Ahmed Saeed	Geotechnical Engineer			
7	S. Muhammad Tayyab	Traffic Engineer			
8	Naveed Ahmed	Quantity Surveyor			
9	To be named	Surveyors			
<b>Total (a) (Lump sum) -----&gt;</b>					<b>4,500,000</b>
<b>Supervision Phase</b>					
<b>Key Staff</b>					
10	Muhammad Siddiq Sulemani	Team Leader / The Engineer	360,114	12	4,321,368
11	Admiral (R) Muneer Wahid	Contract Engineer	244,363	12	2,932,356
12	Ghulam Mujtaba Channar	Resident Engineer	264,941	24	6,358,584
13	Sohail Ahmed/Anwar Mallah	Assistant Resident Engineer (Hwy), 2 nos	180,057	48	8,642,736
14	Farooq Bhayo/Asraf	Assistant Resident Engineer (Str.), 2 nos	180,057	48	8,642,736
15	Syed Shahshah	Material Engineer	167,196	24	4,012,704
16	To be named	Quantity Surveyor	141,473	24	3,395,352
17	To be named	Site Inspector (Hwy), 4 nos	90,028	96	8,642,688
18	To be named	Site Inspector (Str.) 3 nos	90,028	72	6,482,016
19	To be named	Surveyor 6 nos	92,601	144	13,334,544
20	To be named	Lab Technician 6 nos	77,167	144	11,112,048
<b>Sub-Total -----&gt;</b>					<b>77,877,132</b>
<b>Support Staff</b>					
21	To be named	Computer Operator	55,303	24	1,327,272
22	To be named	Peon & Messenger (1 + 1)	36,011	48	1,728,528
<b>Sub-Total -----&gt;</b>					<b>3,055,800</b>
<b>Total Remuneration (b) -----&gt;</b>					<b>80,932,932</b>
<b>Post-Construction Phase (DLP)</b>					
<b>Key Staff</b>					
1	Muhammad Siddiq Sulemani	Team Leader / The Engineer	360,114	2.40	864,274
2	Admiral (R) Muneer Wahid	Contract Engineer	244,363	1.50	366,545
3	Ghulam Mujtaba Channar	Resident Engineer	264,941	6.00	1,589,646
4	To be named	Quantity Surveyor	141,473	6.00	848,838
<b>Sub-Total -----&gt;</b>					<b>3,669,302</b>
<b>Support Staff</b>					
5	To be named	Computer Operator	55,303	12	663,636
6	To be named	Peon & Messenger (1 + 1)	36,011	24	864,264
<b>Sub-Total -----&gt;</b>					<b>1,527,900</b>
<b>Total Remuneration (c) -----&gt;</b>					<b>5,197,202</b>
<b>Total Remuneration (a+b+c) -----&gt;</b>					<b>90,630,134</b>



1) Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750) Scheme No. I

2) Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, 41+750 to Km 44+150, Km 47+350 to Km 53+250 (29.5 Km)] Scheme No. II

3) Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III, (ADP # 2237/2016-17)

Form FIN-5 : BREAKDOWN OF REIMBURSABLE EXPENSES

Sr. No.	Description	Unit	Rate (PKR)	Quantity	Amount (PKR)
1	Per diem allowances	Day	-	-	-
2	International flights	Trip	-	-	-
3	Miscellaneous travel expenses	Trip	-	-	-
4	Communication costs between [Design Office Karachi] and [Client's HQ Karachi]	Month	-	-	-
5	Drafting, reproduction of reports	LS	-	-	-
6	Equipment, instruments, materials, supplies, etc.	LS	-	-	-
7	Shipment of personal effects	Trip	-	-	-
8	Use of computers, software	Month	-	-	-
9	Geotechnical Investigation through Test Pits	LS	-	-	-
10	Laboratory tests	LS	-	-	-
11	Local transportation costs	Month	-	-	-
12	Office rent, clerical assistance	Month	-	-	-
13	Topographic Survey	LS	-	-	-
14	Visual Condition Survey Pavement Surfacing	LS	-	-	-
15	Visual Condition Survey of existing structures	LS	-	-	-
16	Traffic Survey	LS	-	-	-
<b>Total</b> $\Longrightarrow$					-



**ANNEXURE-C**  
**PROJECT IMPLEMENTATION SCHEDULE**



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1/2

1) Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I

2) Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 to Km 53+250, Length 29.5 Km), Scheme No. II

3) Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III

**WORK PLAN**

DESCRIPTION	MONTHS		
	1st	2nd	3rd
Reconnaissance Survey & Alignment Study of Bypasses	█		
Data Collection	.....		
Inception Report	█		
Mobilization of Survey Teams	█		
Field Surveys	████████████████████		
GPS & Traverse Survey	████████████████████		
Double Levelling	████████████████████		
Topographic Survey & Monumentation	████████████████████		
Traffic Surveys	██████████		
Soil Investigation for Pavement Design	████████████████████		
Condition Survey for Existing Pavement	██████		
Condition Survey for Existing Structures	██████		
Topographic Survey data Processing		████████████████████	
Soil & Material Testing		████████████████████	
Traffic Survey Data Analysis & Forecast	██████████		
Preliminary Geometric Design, Horizontal Alignment		████████████████████	
Hydrology		██████████	
Preliminary Geometric Design, Vertical Profile		████████████████████	
Analysis of Condition Survey & Preliminary Design of Structures		████████████████████	
Analysis of Condition Survey & Pavement Design		██████████	
Design of Intersection & Ancillary Works (Traffic Signs, Pavement Marking etc)		████████████████████	
Final Design & Drawings			██████████
Review of Specifications & Preparation of Addenda (if any)		██████████	
BOQ & Engineers Estimates		████████████████████	
Quantity Estimation			██████████
Engineer's Estimate		████████████████████	
PC - 1 & Economic Analysis			██████
Prequalification Documents & Evaluation	████████████████████		
Tender Documents (Draft & Final) & Bid Evaluation		████████████████████	
Final Submission			██████



**ANNEXURE-D**  
**PROJECT STAFF SCHEDULE**





1) Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I

2) Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 to Km 53+250, Length 29.5 Km), Scheme No. II

3) Rehabilitation / Reconstruction of Road from Thatra to Sujawal (30 Kms), Scheme No. III

Staffing Schedule (Design Services)

Sr. No.	Name	Position	Month			Man-Months
			1	2	3	
1	Muhammad Siddiq Sulamani	Team Leader / The Engineer	████████████████████	████████████████████	████████████████████	3
2	Admiral (R) Muneeb Wahid	Contract Engineer		████████████████████		2
3	Aarif Naeem Baig	Highway Design Engineer	████████████████████	████████████████████	████████████████████	3
4	Dr. Abulkhair Mastoor	Structure Design Engineer	████████████████████	████████████████████	████████████████████	3
5	Afzal Wahid	Pavement Design Engineer	████████████████████	████████████████████	████████████████████	2
6	Saif Ahmed Saeed	Geotechnical Engineer	████████████████████	████████████████████	████████████████████	2
7	S. Muhammad Tayyab	Traffic Engineer	████████████████████	████████████████████		2
8	Naveed Ahmed	Quantity Surveyor	████████████████████	████████████████████	████████████████████	3
9	To be named	Surveyors	████████████████████	████████████████████	████████████████████	3

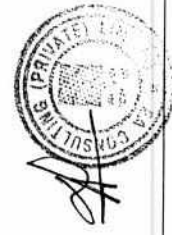


1) Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I

2) Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 to Km 53+250, Length 29.5 Km), Scheme No. II

3) Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III  
Staffing Schedule (Construction Supervision Services)

Sr. No.	Name	Position	Month																								Man-Months	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
<b>Key Staff</b>																												
1	Muhammad Siddiq Sulernami	Team Leader / The Engineer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	12
2	Admiral (R) Muneer Wahid	Contract Engineer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	12
3	Ghulam Mujtaba Channar	Resident Engineer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	24
4	Sohail Ahmed	Assistant Resident Engineer (Hwy)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	48
5	Anwar Mallah	Assistant Resident Engineer (Str.)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	48
6	Farooq Bhayo	Material Engineer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	24
7	Ashraf	Quantity Surveyor	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	24
8	Syed Shahisha	Site Inspector (Hwy), 4 nos	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	96
9	To be named	Site Inspector (Str.) 3 nos	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	72
10	To be named	Surveyor 6 nos	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	144
11	To be named	Lab Technician 6 nos	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	144
<b>Support Staff</b>																												
12	To be named	Computer Operator	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	24
14	To be named	Peon & Messenger (1 + 1)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	48



1) Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I

2) Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 to Km 53+250, Length 29.5 Km), Scheme No. II

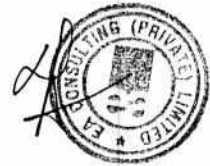
3) Rehabilitation / Reconstruction of Road from Thatta to Sujuwal (30 Kms), Scheme No. III

**Staffing Schedule (Post Construction Services)**

Sr. No.	Name	Position	Month												Man-Months				
			1	2	3	4	5	6	7	8	9	10	11	12					
<b>Key Staff</b>																			
1	Muhammad Siddiq Sulemani	Team Leader / The Engineer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	2.40
2	Admiral (R) Muneer Wahid	Contract Engineer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	1.50
3	Ghulam Mujtaba Channar	Resident Engineer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	6.00
4	To be named	Quantity Surveyor	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	6
<b>Support Staff</b>																			
5	To be named	Computer Operator	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	12
6	To be named	Peon & Messenger (1 + 1)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	24



**ANNEXURE-E**  
**MINUTES OF NEGOTIATION**  
**COMMITTEE MEETING**



Not Used

15/11/2014

MINUTES OF THE

CONTRACT NEGOTIATION MEETING

BETWEEN

NEGOTIATING TEAM OF COAL & ENERGY DEVELOPMENT DEPARTMENT / SINDH COAL AUTHORITY

AND CONSULTING FIRM

M/S. EA CONSULTING (PVT) LTD

HELD ON 01<sup>st</sup> DECEMBER, 2016 AT 1400 HRS AT KARACHI

FOR THE SELECTION OF CONSULTANTS

FOR

DETAILED ENGINEERING DESIGN AND CONSTRUCTION SUPERVISION

FOR

Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) Near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750),  
I, (ADP # 2227/2016-17)

Rehabilitation of Remaining Portion of Road from Badin to Wango Mor Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km  
7+350 to Km 53+250, Length 29.5 Km), Scheme No. II, (ADP # 2228/2016-17)

Reconstruction of Road from Thatta to Sujawal (30 Km), Scheme No. III, (ADP # 2237/2016-17)

The negotiation team of the Energy Department / Sindh Coal Authority & the consulting firm M/s. EA Consulting Pvt. Ltd. for the consultancy services for subject under the Chairmanship of Director General, Sindh Coal Authority with recitation of "Holy Quran" in the office of the Director General Sindh Coal Authority



Item of Agenda	Viewpoint of PA/Client	Viewpoint of Consultant	Decision
g remarks: welcome by the chairperson	-	-	The chair person welcomed the participants from both sides
roduction by the participants.	Introduction made -	Introduction made	-
line protocol for proceedings	-	-	The chair person briefed & outlined about proceedings of the meeting and emphasized that same will be carried out item wise as per the agenda already provided to the participants

Item of Agenda	Viewpoint of PA/Client	Viewpoint of Consultant	Decision
of Scope of TOR, Approach / methodology and sig requirements	The PA has given the TOR / Scope of the assignment in the RFP document. Consultants team is required to review and offer comments, if any, on it and also give brief about their approach/ methodology.	Agreed as per TOR	Mutually agreed as per TOR

Item of Agenda	Viewpoint of PA/Client	Viewpoint of Consultant	Decision
of work plan and del schedule along packages zation	a) Work plan proposed by the consultants has been reviewed and agreed. b) Personnel schedule proposed in the technical proposal by the consultants has been reviewed and agreed.	Read & Agreed  Read & Agreed	Mutually Agreed  Mutually Agreed



Item of Agenda	Viewpoint of PA/Client	Viewpoint of Consultant	Decision
Consultants Personnel	a) As per Clause-21.1 of the RFP Document the PA requires assurance / confirmation from the consultants that the professional staff proposed in the technical proposal will be actually available.	Consultants confirmed the availability of the professional staff as proposed in the technical proposal.	Mutually agreed
Participating Staff and Consultants	b) Consultants are required to introduce the participants of the meeting with their team of proposed professionals.	The consultants introduced the participants of the meeting with their team of proposed staff for design phase	-
Client	As per TOR	Agreed as per TOR	Mutually agreed as per TOR
	As per TOR	Agreed as per TOR	Mutually agreed as per TOR



Item of Agenda	Viewpoint of PA/Client	Viewpoint of Consultant	Decision
<p>of contract and al terms and ons</p>	<p>The PA has prepared the Draft Contract Agreement and financial terms &amp; conditions based on SPPRA Rules, 2010 and the same have been provided to the consulting firms in the RFP Documents. PA invites consultant for review and discussions on the same.</p>	<p>The consultants team reviewed the draft contract agreement including General conditions and Special conditions of the contract</p>	<p>The PA &amp; consultant's team jointly reviewed the draft contract agreement, General Conditions, Special Conditions of the contract and financial proposal of the consultants including the adjustments made by the PA for computation and miscellaneous errors to ensure consistency with the technical proposal of the consultants and both sides expressed their concurrence on them. However the consultant team requested to discuss the following points for consideration</p>
<p>ESCALATION</p>	<p>Sindh Coal Authority / Coal &amp; Energy Development Department was of the view that the estimated consultancy budget / cost shown in the Data Sheet of the RFP Document is for the entire contract period mentioned in the TOR and the consultants have offered their rates looking to the aspects of future escalation etc, during contract period. Hence, no escalation will be allowed during the original contract period of 24 months. However, the escalation may be considered after the expiry of original contract period subject to condition that the extension in the period of consultancy contract is granted on the genuine grounds and not on the fault by the consultants.</p>	<p>The Consultant's team requested that an increase in remuneration of the construction supervision may be allowed to them at a flat rate of 10% to be effective from the first day of 13<sup>th</sup> and 25<sup>th</sup> months from the effective date of this contract.</p>	<p>After detailed discussion, it was decided that no any escalation / increase in remuneration of the construction supervision will be allowed during the currency of the original contract period of <del>27</del> months. However, the escalation will be considered after <del>27</del> months at the rate of 10% per annum after the expiry of the original contract period of <del>27</del> months subject to condition that the extension in the period of consultancy contract is granted on genuine grounds and not on the fault by the consultants.</p>





of Agenda	Viewpoint of PA/Client	Viewpoint of Consultant	Decision
announcement of ices	PA wishes that the services shall commence within 07 days of signing of the contract. Accordingly, the consultants shall mobilize their teams within the above mentioned period.	Agreed	Agreed
ellaneous, if any, the permission of hair.	-	Nil	Nil

the PA

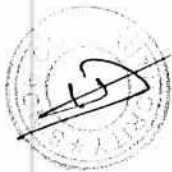
For and on Behalf of the Consultants



Name : Muhammad Siddiq Sulemani,  
Head of Highway Department, EA Consulting Pvt. Ltd.  
Karachi

Negotiating Team

**ANNEXURE-F**  
**INTEGRITY PACT**



## INTEGRITY PACT

Dated: December --, 2016

Contract Value: Rs. 102,412,052

Contract Title: Consultancy Services for Detailed Design and Construction Supervision of

- i) **Improvement/Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) Near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I**
- ii) **Improvement/Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 t Km 53+250, Length 29.5 Km) Scheme No. II**
- iii) **Rehabilitation /Reconstruction of Road from Thatta to Sujawal (30 km), Scheme No. III**

**EA Consulting Pvt Ltd** 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 Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, **EA Consulting Pvt Ltd** 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 Procuring Agency (PA) except that which has been expressly declared pursuant hereto.

**EA Consulting Pvt Ltd** accepts full responsibility and strict liability 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 PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

**EA Consulting Pvt Ltd** 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 PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, **EA Consulting Pvt Ltd** agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by **EA Consulting Pvt Ltd** 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 PA.

Sindh Coal Authority



*Anees Ahmed*  
EA Consulting Pvt Ltd





**GOVERNMENT OF SINDH  
SINDH COAL AUTHORITY**

No.SCA-23/TW/DG/ 796 /2016  
Karachi, dated: 21<sup>st</sup> November, 2016

To,

✓  
The Managing Director  
Sindh Public Procurement Regulatory Authority  
Government of Sindh  
Karachi.

**SUBJECT: CONSULTANCY SERVICES FOR DESIGN & CONSTRUCTION  
SUPERVISION OF:**

- i) IMPROVEMENT/REHABILITATION OF REMAINING PORTION OF ROAD FROM SUJAWAL TO BADIN (52 KM) NEAR KHORE WAH TO START OF BADIN BYPASS (KM 27+750 TO KM 79+750), SCHEME NO. I, (ADP # 2227/2016-17).
- ii) IMPROVEMENT/REHABILITATION OF REMAINING PORTION OF ROAD FROM BADIN TO WANGO MOR (KM 9+950 TO KM 27+750, KM 29+750 TO KM 33+150, KM 41+750 TO KM 44+150, KM 47+350 T KM 53+250, LENGTH 29.5 KM) SCHEME NO. II, (ADP # 2228/2016-17).
- iii) REHABILITATIO /RECONSTRUCTION OF ROAD FROM THATTA TO SUJAWAL (30 KM), SCHEME NO. III (ADP # 2237/2016-17)

**PREQUALIFICATION EVALUATION REPORTS (TECHNICAL & FINANCIAL) - (SPPRA # 29876)**

Enclosed find herewith a copy of Prequalification Evaluation Reports (Technical & Financial) of Consultants for the subject schemes alongwith list of participants for hoisting of SPPRA's Website.

  
(DANISH SAEED)  
Director General

c.c.to:-

1. The Secretary to Government of Sindh, Energy Deptt., Karachi.
2. The Chief Engineer, SCA, Karachi.

**Consultancy Services for Design & Construction Supervision**  
*of*

- 1) Improvement/Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) Near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I, (ADP # 2227/2016-17).
- 2) Improvement/Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 to Km 53+250, Length 29.5 Km) Scheme No. II, (ADP # 2228/2016-17).
- 3) REHABILITATION/RECONSTRUCTION OF ROAD FROM THATTA TO SUJAWAL (30 KM), Scheme No. III (ADP # 2237/2016-17)

**TECHNICAL EVALUATION**

S.NO	Requirement	Max Marks	Marks Obtained	Result	Remarks
<b>A.A. Associates In Association with ECIL</b>					
Criteria, sub-criteria, and point system for the evaluation of Technical Proposals					
i	Specific experience of the Consultants relevant to the assignment i.e. Highway Design & Construction Supervision of Highways Experience only. Four & more Projects ----- <b>20 numbers</b> Three Projects ----- <b>10 numbers</b> Two Projects ----- <b>05 numbers</b> Less than two projects----- <b>0 number</b>	10 - 20] Marks	20 Marks		
ii	Specific experience of the Consultants relevant to the assignment i.e. Highway Design & Construction Supervision of Highways Experience only in Same Geographical condition. Four & more Projects ----- <b>15 numbers</b> Three Projects ----- <b>10 numbers</b> Two Projects ----- <b>05 numbers</b> Less than two projects----- <b>0 number</b>	10 - 15] Marks	15 Marks		
iii	Adequacy of the proposed methodology and work plan in responding to the Terms of Reference: a) Company Profile <b>10 - 5]</b> b) Technical approach and methodology <b>10 - 15]</b> c) Work plan <b>10 - 5]</b> d) Organization and staffing <b>10 - 5]</b>	10 - 30] Marks	21 Marks		

*[Signature]*

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DIRECTOR GENERAL  
SINDH COAL AUTHORITY  
GOVERNMENT OF SINDH

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iii	Key professional staff qualifications and competence for the assignment.	[0-35] Marks	35 Marks		
a)	<b>Team Leader/The Engineer</b> Msc (civil) with 15 years experience Relevant Experience $\geq 10$ years Between 10 & 8 years Less than 8 years <b>OR</b> BE/Bsc (civil) with 25 years experience Relevant Experience $\geq 15$ years Between 10 & 15 years Less than 8 years	[0-10] 5 points 5 points 3 points 0 points	5 5		
b)	<b>Highway Design Engineer</b> Master in Civil Engineering Relevant Experience $\geq 10$ years Between 5 & 10 years Less than 5 years	[0-5] 3 points 2 points 1 points 0 points	3 2		
c)	<b>Pavement Design Engineer</b> Master in Civil Engineering Relevant Experience $\geq 10$ years Between 5 & 10 years Less than 5 years	[0-5] 3 points 2 points 1 points 0 points	3 2		
d)	<b>Bridge Design Engineer</b> Master in Civil Engineering Relevant Experience $\geq 10$ years Between 5 & 10 years Less than 5 years	[0-5] 3 points 2 points 1 points 0 points	3 2		

  
 DIRECTOR  
 SINDH CIVIL AUTHORITY  
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 ASSISTANT ENGINEER  
 SINDH CIVIL AUTHORITY  
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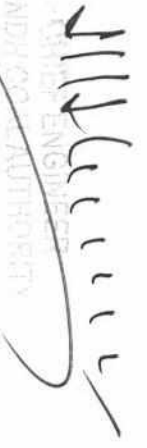
  
 DIRECTOR GENERAL  
 SINDH CIVIL AUTHORITY  
 GOVERNMENT OF SINDH

e)	Resident Engineer BE/Bsc (Civil) Relevant Experience $\geq$ 15 years 10 years Less than 10 years	[0-5] 2.5 points 2.5 points 1 points 0 points		2.5 2.5		
f)	ARE BE/Bsc (Civil) Relevant Experience $\geq$ 10 years 8 years Less than 8 years	[0-5] 2.5 points 2.5 points 1 points 0 points		2.5 1		
TOTAL MARKS			100	91		Technically Qualified

  
 (Muhammad Taurus Darsi)  
  
 ENGR: MUHAMMAD ALI MEMON

  
 (DANISH SAEED)

  
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**SINDH COAL AUTHORITY**  
**Consultancy Services for Design & Construction**  
**Supervision**  
**Financial Proposal Evaluation Report**

**1. GENERAL**

**1.1 Introduction**

This report covers the evaluation and recommendations in respect of the financial proposals opened on 18<sup>th</sup> November 2016 for the following schemes:-

Consulting Services for Design & Construction Supervision of

- (i) Improvement/Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) Near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I, (ADP # 2227/2016-17)
- (ii) Improvement/Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 7+350 to Km 53+250, Length 29.5 Km), Scheme No. II, (ADP # 2228/2016-17)
- (iii) Rehabilitation/Reconstruction of Road from Thatta to Sujawal (30 Km), Scheme No. III, (ADP # 2237/2016-17)

The Request for Proposal (RFP) was prepared using SPPRA Standard Document. The bidding procedure adopted is "Quality and Cost Based Selection Method"

RFP for above schemes were invited from the pre-qualified/Short Listed Consultants only.

**Prequalification/Short Listing of Consultants**

At prequalification stage, 9 firms submitted their documents for prequalification. Out of 9 firms, following 3 firms meet the qualification criteria and thus short listed/prequalified and accordingly RFP was issued to them

- a) M/s AA Associates in consortium with ECIL
- b) M/s Associated Consulting Engineers (Pvt) Ltd, ACE
- c) M/s EA Consulting (Pvt) Limited

**Technical Proposal Evaluation**

As per schedule provided in RFP, date and time of submission of Technical and Financial Proposals was at 4pm on November 16, 2016.

  
DIVISIONAL RESOURCES OFFICER  
SINDH COAL AUTHORITY  
GOVERNMENT OF SINDH

  
CHIEF ENGINEER  
SINDH COAL AUTHORITY  
GOVERNMENT OF SINDH

  
DIRECTOR GENERAL  
SINDH COAL AUTHORITY  
GOVERNMENT OF SINDH



By above stated date and time following 2 firms submitted their Technical and Financial Proposals:

- a) M/s AA Associates in consortium with ECIL
- b) M/s EA Consulting (Pvt) Limited

Technical proposals of both the consultants were opened at 5pm on same date i.e. November 16, 2016.

The procurement committee evaluated the proposals, results of which are summarized hereunder:

S.NO	Name of Consultant	Marks Obtained
1	M/s AA Associates in consortium with ECIL	91%
2	M/s EA Consulting (Pvt) Limited	91%

Both the firms were informed about their technical qualification and date and time of Financial Proposal opening.

#### **Financial Proposal Evaluation**


The Financial Proposals of both the technically qualified consultants were opened at 3pm on November 18, 2016, which were evaluated by the Procuring Committee. The results are as under


1. M/s AA Associates in consortium with ECIL
  - Quoted Price with Sales Tax ... Rs. 112,256,397
  - Correction ... Nil
  - Corrected Price ... Rs. 112,256,397
  - **Final Corrected Price** ... **Rs. 112,256,397**
  
2. M/s EA Consulting (Pvt) Limited
  - Quoted Price with Sales Tax ... Rs. 102,412,052
  - Correction ... Nil
  - Corrected Price ... Rs. 102,412,052
  - **Final Corrected Price** ... **Rs. 102,412,052**

Since, both the firms got same numbers in technical evaluation of their proposals, hence, the decision of award is based on lowest financial proposal

#### **RECOMMENDATION BY THE PROCURING COMMITTEE**

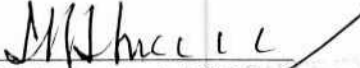
The Financial Proposal Evaluation Report is being submitted with the recommendation that the Consultancy Services Contract may please be awarded to M/s EA Consulting (Pvt) Ltd at the Price of Rs. 102,412,052.


  
Procuring Officer  
Sindh Coal Authority  
GOVERNMENT OF SINDH

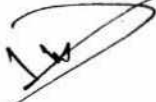
  
ENGINEER  
SINDH COAL AUTHORITY  
GOVERNMENT OF SINDH

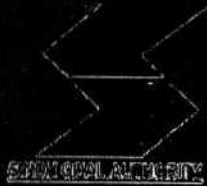
### Comparative Statement

S.No	Name of Scheme	Design/Consultancy Provision as Per PC-I (in millions)	Quoted Rate (in millions)
01	Improvement/Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) Near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I, (ADP # 2227/2016-17)	37.44	(Total Cost of Financial Proposal) 90.630 (Sales Tax @ 13%) 11.782 <b>TOTAL = 102.412</b> Which is Within Permissible Limit of PC-I
02	Improvement/Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 7+350 to Km 53+250, Length 29.5 Km), Scheme No. II, (ADP # 2228/2016-17)	27.62	
03	Rehabilitation/Reconstruction of Road from Thatta to Sujawal (30 Km), Scheme No. III, (ADP # 2237/2016-17)	25.85	
<b>TOTAL</b>		<b>90.91</b>	

  
 Mohammad Ali Memon  
 Chief Engineer, SCA  
 Member, PC

  
 Mr. Muhammad Yaqoob Kazi  
 Divisional Accounts Officer  
 Member, PC

  
**Dapish Saeed**  
**Director General**  
**Sindh Coal Authority**  
**Chairman**



# SINDH COAL AUTHORITY

Government of Sindh  
Energy Department



November 2016

## FINANCIAL PROPOSAL

### Consultancy Services for Design & Construction Supervision of

**SCHEME No. I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujaal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750),**

**SCHEME No. II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150, km 47+350 to km 53+250), (Length 29.5kms)**

**SCHEME No. III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujawal ( 30kms)**



**A.A. ASSOCIATES**

Planners and Consulting Engineers  
245-2-Y, Block - 6, P.E.C.H.S., (off Sharea Faisal), Karachi - 75400.  
Tel: +92 21 34539884 Fax: +92 21 34545287  
E-mail: info@aa-associates.com URL: www.aa-associates.com

In Association with

**ECIL**

Engineering Consultants  
Int'l Pvt. Ltd.



**A. A. ASSOCIATES**  
**PLANNERS AND CONSULTING ENGINEERS**

**A. ALEEM KHAN** B.SC.(CIVIL ENGINEERING)  
P.E., F.I.E.(PAK)

**J. K. PATHAN** B.SC. (CIVIL ENGINEERING), USA  
M.S. (STRUCTURAL ENGI), MALAYSIA

245-2-Y, BLOCK - 6, P.E.C.H.S., (OFF SHAREA FAISAL), KARACHI - 75400.

TEL : (92-21) 3453 9884  
FAX : (92-21) 3454 5287  
E-MAIL : info@aa-associates.com  
URL : www.aa-associates.com

Ref: G-1385/2011

November 15, 2016

Mr. Danish Saeed  
Director General,  
Sindh Coal Authority (SCA),  
H. No. 16, E Street,  
Behind Zamzama Park DHA,  
Karachi.

Ph: 021-99251507  
Fax: 021-99251038

Dear Sir,

We the undersigned, offer to provide the consulting services for **Consultancy Services for Design & Construction Supervision of Consultancy Services for Design & Construction Supervision SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujaal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750), SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150,km 47+350 to km 53+250), (Length 29.5kms) SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujawal (30kms)** in accordance with your Request of Proposal dated October 31, 2016 and our Technical Proposal. Our attached Financial Proposal is for the sum of **Rs. 99,341,944/-** (without Sindh Sales Tax) (Rupees ninety nine million three hundred forty one thousand nine hundred forty four only).

Our Financial proposal shall be binding upon us subject to the modification resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e. before the date indicated in Paragraph Reference 1.12 of the Data Sheet.

Commissions and gratuities paid or to be paid by us to agents relating to this Proposal and Contract execution, if we are awarded the Contract, are listed below:

Name and Address of Agents	Amount and Currency	Purpose of Commission or Gratuity
N/A	N/A	N/A

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours faithfully,  
for A. A. Associates

( A. Aleem Khan )  
Partner

Encl: as above

**Section -3 : Financial Proposal -Standard Forms**

Consultancy Services Design & Construction Supervision of  
 SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujjal to  
 Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750),  
 SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to  
 Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150,km 47+350 to km  
 53+250), (Length 29.5kms)  
 SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujawal ( 30kms)

**FORM FIN - 2. SUMMARY OF COSTS  
 (DESIGN SERVICES,CONSTRUCTION & POST CONSTRUCTION PHASE )**

Sr. No.	Item	Costs	
		(Pak Rupees)	
a)	Total Cost of Financial Proposal (Design Phase)	13,836,332	
b)	Total Cost of Financial Proposal (Construction Phase)	80,661,200	
c)	Total Cost of Financial Proposal (Post construction Phase)	4,844,412	
d)	<b>Total (a+b+c)</b>	<b>99,341,944</b>	
e)	Sindh Sales Tax at 13% of (d)	12,914,453	
	<b>Grand Total (d+e)</b>	<b>112,256,397</b>	

*(Handwritten signatures and stamps)*

*(Circular stamp: ASSOCIATES + ECIL ENGINEERS & ARCHITECTS)*

*(Handwritten signature: ANZ)*

*(Handwritten signature: 18/11)*

**Section -3 :Financial Proposal -Standard Forms**

**Consultancy Services Design & Construction Supervision of**

**SCHEME No.I 2227/2016-17:** Improvement / Rehabilitation of Remaining portion of road from Sujaaal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750),

**SCHEME No.II 2228/2016-17:** Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150,km 47+350 to km 53+250), (Length 29.5kms)

**SCHEME No.III 2237/2016-17:** Rehabilitation/Reconstruction of road from Thatta to Sujawal ( 30kms)

**FORM FIN - 2. SUMMARY OF COSTS  
 (DESIGN SERVICES)**

Sr. No.	Item	Costs	
		Indicate Local Currency (Pak Rupees)	
a)	Total Cost of Financial Proposal (Design Phase)		13,836,332
b)	Sindh Sales Tax at 13% of (a)		1,798,723
c)	Grand Total (a+b) (Design Phase)		15,635,056

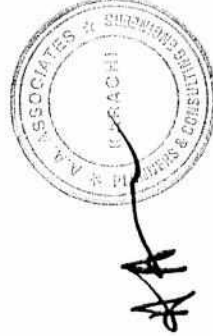


1. Indicate the total costs in (a) above excluding Sindh Sales Tax to be paid by the PA. However total cost in (a) will include all other taxes such as withholding tax and stamp duties etc. Such total costs must coincide with the sum of the relevant Subtotals indicated in all Forms FIN -3 provided with the Proposal.

Section -3 :Financial Proposal -Standard Forms

FORM FIN - 3. BREAKDOWN OF COSTS BY ACTIVITY 1

<p>Group of Activities (Design Services)</p>	<p><b>Consultancy Services Design &amp; Construction Supervision of</b>  <b>SCHEME No.I 2227/2016-17:</b> Improvement / Rehabilitation of Remaining portion of road from Sujaal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750),  <b>SCHEME No.II 2228/2016-17:</b> Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150,km 47+350 to km 53+250), (Length 29.5kms)  <b>SCHEME No.III 2237/2016-17:</b> Rehabilitation/Reconstruction of road from Thatta to Sujawal ( 30kms)</p>
<p>Cost Component :</p>	<p>Costs</p>
<p>Remuneration</p>	<p>[PKR]</p>
<p>Reimbursable Expenses</p>	<p>4,656,332</p>
<p>Subtotals</p>	<p>9,180,000</p>
	<p><b>13,836,332</b></p>



**Section - 3 : Financial Proposal - Standard Forms**  
 Consultancy Services Design & Construction Supervision of  
 SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujal to Badin (52 kms) near Khorewah to start of Badin  
 bypass (km 27+750 to km 79+750),  
 SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km  
 29+750 to km 33+150, km 41+750 to km44+150, km 47+350 to km 53+250), (Length 29.5kms)  
 SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujawal ( 30kms)

**FORM FIN - 4. BREAKDOWN OF REMUNERATION**

**Group of Activities (Phase): (DESIGN)**

Name	Position	Foreign Currency	Foreign Currency # 2	Foreign Currency # 3	Indicate Local (PKR) (LS)
<b>Local Staff</b>					
Mr. Bux Ali Abro	Team Leader	NA	NA	NA	-----
Mr. Anwar Khurshid	Contract Engineer	NA	NA	NA	-----
Mr. Azhar Ali Zaidi	Highway Design Engineer	NA	NA	NA	-----
Ms. Raheela Ilyas	Structural Design Engineer	NA	NA	NA	-----
Mr. Syed Akbar Ashfaqe	Pavement Design Engineer	NA	NA	NA	-----
Mr. Jamshaid Danish	Geotechnical Engineer	NA	NA	NA	-----
Ms. Muzaffar Hussain	Traffic Engineer	NA	NA	NA	-----
Mr. Yawar Hussain	Hydrologist	NA	NA	NA	-----
Mr. Masroor /Altaf Pasha	Quantity Surveyor (2 Nos)	NA	NA	NA	-----
Mr. Mehfooz + Mr. Raees Haider + Mr. Shafi Haider + Mr. Akhtar Munir	Surveyor (1 No)	NA	NA	NA	-----
Mr. Iqbal + Mr. Anees + Mr. Jamal	CAD Operators (4 Nos)	NA	NA	NA	-----
TBN	Support Staff / Computer Operator	NA	NA	NA	-----
<b>Sub Total (Rs)</b>					<b>4,656,332</b>





Consultancy Services Design & Construction Supervision of  
 SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujaal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750),  
 SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km 44+150, km 47+350 to km 53+250), (Length 29.5kms)  
 SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujawal (30kms)

**FORM FIN - 5. BREAKDOWN OF REIMBURSABLE EXPENSES**

Group of Activities (DESIGN )									
No	Description	Unit	Unit Cost	Quantity	Foreign Currency # 1	Foreign Currency # 2	Foreign Currency # 3	Indicate Local (PKR) (LS)	
	Per diem allowances					NA			
	International flights					NA			
	Miscellaneous travel expenses		--	--	--				
	Communication costs between [Design Office Karachi] and [Client's HQ Karachi]		--	--	--				
	Drafting, reproduction of reports		--	--				450,000	
	Equipment, instruments, materials, supplies, etc.		--	--				50,000	
	Shipment of personal effects					NA			
	Use of computers, software		--	--					
	Geotechnical Investigation through Test Pits		--	--				1,200,000	
	Laboratory tests		--	--				900,000	
	Local transportation costs		100,000	2				200,000	
	Office rent , clerical assistance		--	--					
	Topographic Survey		--	--				4,480,000	
	Visual Condition Survey Pavement Surfacing		--	--				500,000	
	Visual Condition Survey of existing structures		--	--				500,000	
	Traffic Survey		--	--				900,000	
								<b>9,180,000</b>	



AKK

**BREAKDOWN OF RATES FOR CONSULTANCY CONTRACT - (Design)**

**PROJECT:**

Consultancy Services Design & Construction Supervision of  
SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujaal to Badin (52 kms) near  
Khorewah to start of Badin bypass (km 27+750 to km 79+750),  
SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to  
km 27+750, km 29+750 to km 33+150, km 41+750 to km 44+150, km 47+350 to km 53+250), (Length 29.5kms)  
SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujawal (30kms)

**Firm: A. A. Associates**  
(Planners & Consulting Engineers)

Name	Position	Basic Salary per Cal.	Social Charges (%age of 1)	Overhead (%age of 1)	Sub-Total (1+2+3)	Fee (%age of 4)	Overseas Allow (%age of 4)	Rate per Month for Field Work
		(1)	(2)	(3)	(4)	(5)	(7)	(8)
Mr. Bux Ali Abro	Team Leader	167,000	33,867.60	129,737.29	330,605	33,060.49	0	363,665
Mr. Anwar Khurshid	Contract Engineer	108,000	21,902.40	83,901.96	213,804	21,380.44	0	235,185
Mr. Azhar Ali Zaidi	Highway Design Engineer	138,000	27,986.40	107,208.06	273,194	27,319.45	0	300,514
Ms. Raheela Ilyas	Structural Design Engineer	138,000	27,986.40	107,208.06	273,194	27,319.45	0	300,514
Mr. Syed Akbar Ashfaqe	Pavement Design Engineer	138,000	27,986.40	107,208.06	273,194	27,319.45	0	300,514
Mr. Jamshaid Danish	Geotechnical Engineer	100,000	20,280.00	77,687.00	197,967	19,796.70	0	217,764
Ms. Muzaifar Hussain	Traffic Engineer	92,500	18,759.00	71,860.48	183,119	18,311.95	0	201,431
Mr. Yawar Hussain	Hydrologist	92,500	18,759.00	71,860.48	183,119	18,311.95	0	201,431
Mr. Masroor /Altaf Pasha	Quantity Surveyor (2 Nos)	65,000	13,182.00	50,496.55	128,679	12,867.86	0	141,546
Mr. Mehfooz + Mr. Raees Haider + Mr.Shafi Haider + Mr. Akhtar Munir	Surveyor (1 No)	41,500	8,416.20	32,240.11	82,156	8,215.63	0	90,372
Mr. Iqbal + Mr. Anees + Mr. Jamal	CAD Operators (4 Nos)	60,000	12,168.00	46,612.20	118,780	11,878.02	0	130,658
TBN	Support Staff / Computer Operator	15,000	3,042.00	11,653.05	29,695	2,969.51	0	32,665



*AK*

Section -3 :Financial Proposal -Standard Forms

**Consultancy Services Design & Construction Supervision of**

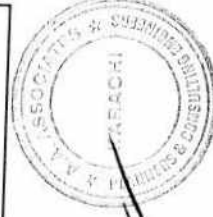
**SCHEME No.I 2227/2016-17:** Improvement / Rehabilitation of Remaining portion of road from Sujawal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750).

**SCHEME No.II 2228/2016-17:** Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150,km 47+350 to km 53+250), (Length 29.5kms)

**SCHEME No.III 2237/2016-17:** Rehabilitation/Reconstruction of road from Thatta to Sujawal (30kms)

**FORM FIN - 2. SUMMARY OF COSTS  
(CONSTRUCTION PHASE)**

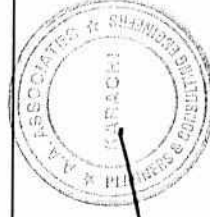
Sr. No.	Item	Costs	
		Indicate Local Currency (Pak Rupees)	
a)	Total Cost of Financial Proposal (Construction Phase)		80,661,200
b)	Sindh Sales Tax at 13% of (a)		10,485,956
c)	Grand Total (a+b) (Construction Phase)		91,147,156



Section -3 :Financial Proposal -Standard Forms

FORM FIN - 3. BREAKDOWN OF COSTS BY ACTIVITY 1

<p>Group of Activities  <b>( Construction Supervision Services)</b></p>	<p><b>Consultancy Services Design &amp; Construction Supervision of</b>  <b>SCHEME No.I 2227/2016-17:</b> Improvement / Rehabilitation of Remaining portion of road from Sujaaal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750),  <b>SCHEME No.II 2228/2016-17:</b> Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150,km 47+350 to km 53+250), (Length 29.5kms)  <b>SCHEME No.III 2237/2016-17:</b> Rehabilitation/Reconstruction of road from Thatta to Sujawal (30kms)</p>
<p>Cost Component</p>	<p>Costs</p>
<p>Remuneration</p>	<p>[Indicate Local Currency]    80,433,200</p>
<p>Reimbursable Expenses</p>	<p>228,000</p>
<p>Subtotals</p>	<p>80,661,200</p>



**Section -3 :Financial Proposal -Standard Forms**

Consultancy Services Design & Construction Supervision of

SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujaal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750),

SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150, km 47+350 to km 53+250), (Length 29.5kms)

SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujawal (30kms)

**FORM FIN - 4. BREAKDOWN OF REMUNERATION**

**Group of Activities (Phase): (CONSTRUCTION SUPERVISION)**

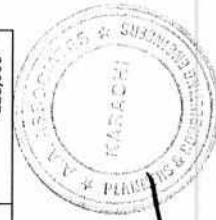
Name	Position	Staff- months Rate	Input (Staff-months)	Foreign Currency	Foreign Currency # 2	Foreign Currency # 3	Indicate Local Currency (PKR)
<b>Key Staff</b>							
Mr. Bux Ali Abro	The Engineer	363,665	12.00	NA	NA	NA	4,363,985
Mr. Anwar Khurshid	Contract Engineer	235,185	12.00	NA	NA	NA	2,822,218
Mr. S.M.Abu Qamar	Resident Engineer	300,514	24.00	NA	NA	NA	7,212,334
Mr. Kafeel Ahmed Shaikh / Mr. Suresh Kumar	Assistant Resident Engineer (Highway) - 2	187,277	48.00	NA	NA	NA	8,989,286
Mr.Khalid Hussain Detho/ Mr.	Assistant Resident Engineer (Structures) - 2	187,277	48.00	NA	NA	NA	8,989,286
Mr.Abul Heyat	Material Engineer -1	187,277	24.00	NA	NA	NA	4,494,643
Mr. Altaf Pasha	Quantity Surveyor -1	141,546	24.00	NA	NA	NA	3,397,114
TBN	Site Inspector (Highways)-4	90,372	96.00	NA	NA	NA	8,675,706
TBN	Site Inspector (Structure)-3	90,372	72.00	NA	NA	NA	6,506,779
Mr.Raees Haider + Mr. Shafi Haider + TBN	Surveyor -6	90,372	144.00	NA	NA	NA	13,013,559
TBN	Lab Technician -6	70,773	144.00	NA	NA	NA	10,191,341
<b>Support Staff</b>							
TBN	Computer Operator-1	32,665	24.00	NA	NA	NA	783,949
TBN	Peon / Messenger-2	20,688	48.00	NA	NA	NA	993,002
Sub Total Design Phase Rs ...							80,433,200

Consultancy Services Design & Construction Supervision of  
 SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujaal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750).  
 SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150, km 47+350 to km 53+250), (Length 29.5kms)  
 SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujawal (30kms)

FORM FIN - 5. BREAKDOWN OF REIMBURSABLE EXPENSES

Group of Activities (CONSTRUCTION)

No	Description	Unit	Unit Cost	Quantity	Foreign Currency # 1	Foreign Currency # 2	Foreign Currency # 3	Indicate Local (PKR) (LS)
1	Per diem allowances	Day			NA			
2	International flights	Trip			NA			
3	Miscellaneous travel expenses	Trip	---	---	NA	NA	NA	---
4	Communication costs between [Design Office Karachi] and [Client's HQ Karachi]	Month	3,000	24.00	NA	NA	NA	72,000
5	Drafting, reproduction of reports	LS	---	---	NA	NA	NA	84,000
6	Equipment, instruments, materials, supplies, etc.	LS	---	---	NA	NA	NA	---
7	Shipment of personal effects	Trip			NA			
8	Use of computers, software	Month	3,000	24.00	NA	NA	NA	72,000
9	Geotechnical investigation through pits	LS	---	---	NA	NA	NA	---
10	Laboratory tests	LS	---	---	NA	NA	NA	---
11	Local transportation costs	Day	---	---	NA	NA	NA	---
12	Office rent, clerical assistance	Month	---	---	NA	NA	NA	---
13	Topographic survey	LS	---	---	NA	NA	NA	---
14	Visual condition of Pavement surfacing	LS	---	---	NA	NA	NA	---
15	Visual condition survey of existing structures	LS	---	---	NA	NA	NA	---
16	Traffic survey	LS	---	---	NA	NA	NA	---
Sub Total (Rs)								228,000



**BREAKDOWN OF RATES FOR CONSULTANCY CONTRACT -(CONSTRUCTION SUPERVISION)**

**PROJECT:**

Consultancy Services Design & Construction Supervision of

SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujjal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750),

SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150, km 47+350 to km 53+250), (Length 29.5kms)

SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujawal (30kms)

Name	Position	Basic Salary per Cal. Month	Social Charges (%age of 1)	Overhead (%age of 1)	Sub-Total (1+2+3)	Fee (%age of 4)	Overseas Allow (%age of 7)	Rate per Month for Field Work
		(1)	(2)	(3)	(4)	(5)	(7)	(8)
<b>Key Staff</b>			20%	78%		10%	0.0%	
Mr. Bux Ali Abro	The Engineer	167,000	33,867.60	129,737.29	330,605	33,060.49	0	363,665
Mr. Anwar Khurshid	Contract Engineer	108,000	21,902.40	83,901.96	213,804	21,380.44	0	235,185
Mr. S.M.Abu Qamar	Resident Engineer	138,000	27,986.40	107,208.06	273,194	27,319.45	0	300,514
Mr. Kafeel Ahmed Shaikh / Mr. Suresh Kumar	Assistant Resident Engineer (Highway) -2	86,000	17,440.80	66,810.82	170,252	17,025.16	0	187,277
Mr.Khalid Hussain Detho/ Mr.	Assistant Resident Engineer (Structures) -2	86,000	17,440.80	66,810.82	170,252	17,025.16	0	187,277
Mr.Abul Heyat	Material Engineer -1	86,000	17,440.80	66,810.82	170,252	17,025.16	0	187,277
Mr. Altaf Pasha	Quantity Surveyor -1	65,000	13,182.00	50,496.55	128,679	12,867.86	0	141,546
TBN	Site Inspector (Highways)-4	41,500	8,416.20	32,240.11	82,156	8,215.63	0	90,372
TBN	Site Inspector (Structure)-3	41,500	8,416.20	32,240.11	82,156	8,215.63	0	90,372
Mr.Raees Haider + Mr. Shafi Haider + TBN	Surveyor -6	41,500	8,416.20	32,240.11	82,156	8,215.63	0	90,372
TBN	Lab Technician -6	32,500	6,591.00	25,248.28	64,339	6,433.93	0	70,773
<b>Support Staff</b>								
TBN	Computer Operator-1	15,000	3,042.00	11,653.05	29,695	2,969.51	0	32,665
TBN	Peon / Messenger-2	9,500	1,926.60	7,380.27	18,807	1,880.69	0	20,688

ASSOCIATES  
PLANNERS & CONSULTING ENGINEERS  
THATTA  
SUKKUR  
Sindh  
PAKISTAN  
AN

*Section -3 :Financial Proposal -Standard Forms*

**Consultancy Services Design & Construction Supervision of**

**SCHEME No.I 2227/2016-17:** Improvement / Rehabilitation of Remaining portion of road from Sujawal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750).

**SCHEME No.II 2228/2016-17:** Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150,km 47+350 to km 53+250). (Length 29.5kms)

**SCHEME No.III 2237/2016-17:** Rehabilitation/Reconstruction of road from Thatta to Sujawal ( 30kms)

**FORM FIN - 2. SUMMARY OF COSTS  
 (POST CONSTRUCTION PHASE)**

Sr. No.	Item	Costs	
		Indicate Local Currency (Pak Rupees)	
a)	Total Cost of Financial Proposal (Post construction Phase)	4,844,412	
b)	Sindh Sales Tax at 13% of (a)	629,774	
c)	Grand Total (a+b) (Post construction Phase)	5,474,185	

1 Indicate the total costs in (a) above excluding Sindh Sales Tax to be paid by the PA. However total cost in (a) will include all other taxes such as withholding tax and stamp duties etc. Such total costs must coincide with the sum of the relevant Subtotals indicated in all Forms FIN -3 provided with the Proposal.





Section -3 :Financial Proposal -Standard Forms

**FORM FIN - 3. BREAKDOWN OF COSTS BY ACTIVITY 1**

<p>Group of Activities  <b>( Post Construction )</b></p>	<p>Description: Consultancy Services Design &amp; Construction Supervision of SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujaal to Badin (52 kms) near Khorewah to start of Badin bypass (km 27+750 to km 79+750),                  SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km44+150,km 47+350 to km 53+250), (Length 29.5kms)                  SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujawal (30kms)</p>
<p><b>Cost Component</b></p>	<p><b>Costs</b></p>
<p>Remuneration 5</p>	<p>[Indicate Local Currency]                  4,766,412</p>
<p>Reimbursable Expenses 5</p>	<p>78,000</p>
<p><b>Subtotals</b></p>	<p><b>4,844,412</b></p>



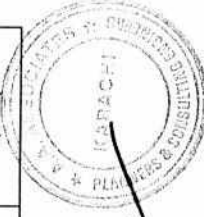
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**Section -3 :Financial Proposal -Standard Forms**  
 Consultancy Services Design & Construction Supervision of  
 SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujaal to Badin (52 kms) near Khorewah to start of  
 Badin bypass (km 27+750 to km 79+750),  
 SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km  
 29+750 to km 33+150, km 41+750 to km44+150,km 47+350 to km 53+250), (Length 29.5kms)  
 SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujaawal ( 30kms)

**FORM FIN - 4. BREAKDOWN OF REMUNERATION**

**Group of Activities (Phase): (POST CONSTRUCTION )**

Name	Position	Staff- months Rate	Input (Staff-months)	Foreign Currency	Foreign Currency # 2	Foreign Currency # 3	Indicate Local
<b>Local Staff</b>							
Mr. Bux Ali Abro	The Engineer	363,665	2.40	NA	NA	NA	872,797
Mr. Anwar Khurshid	Contract Engineer	235,185	1.50	NA	NA	NA	352,777
Mr. S.M.Abu Qamar	Resident Engineer	300,514	6.00	NA	NA	NA	1,803,083
Mr. Altaf Pasha	Quantity Surveyor -1	141,546	6.00	NA	NA	NA	849,278
<b>Support Staff</b>							
TBN	Computer Operator-1	32,665	12.00	NA	NA	NA	391,975
TBN	Peon / Messenger-2	20,688	24.00	0	0	0	496,501
<b>Sub Total Design Phase Rs ...</b>							<b>4,766,412</b>

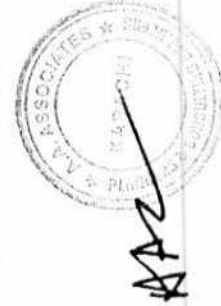


Consultancy Services Design & Construction Supervision of  
 SCHEME No.I 2227/2016-17: Improvement / Rehabilitation of Remaining portion of road from Sujaal to Badin (52 kms) near Khorewah to start of Badin Bypass (km 27+750 to km 79+750).  
 SCHEME No.II 2228/2016-17: Improvement / Rehabilitation of Remaining portion of road from Badin to Wango Mor (km 9+950 to km 27+750, km 29+750 to km 33+150, km 41+750 to km 44+150, km 47+350 to km 53+250), (Length 29.5kms)  
 SCHEME No.III 2237/2016-17: Rehabilitation/Reconstruction of road from Thatta to Sujaal (30kms)

FORM FIN - 5. BREAKDOWN OF REIMBURSABLE EXPENSES

Group of Activities (POST CONSTRUCTION)

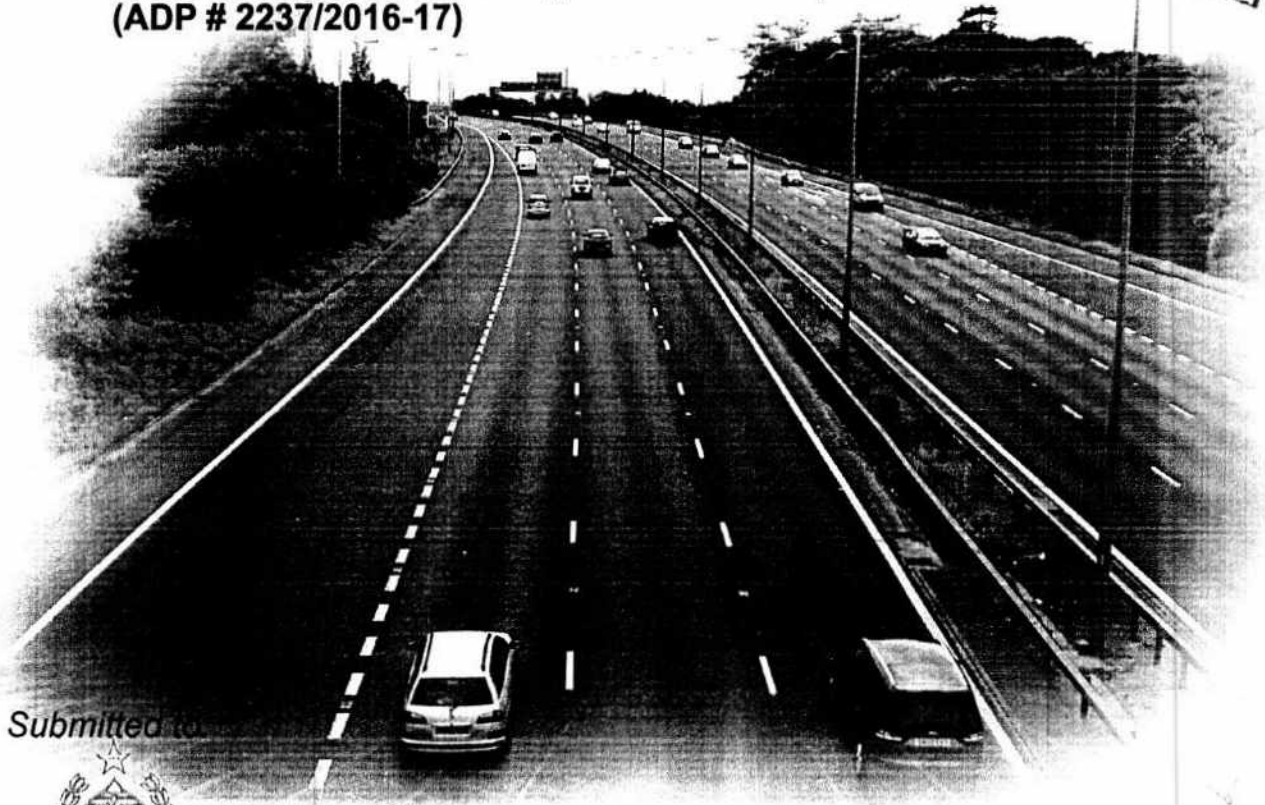
No	Description	Unit	Unit Cost	Quantity	Foreign Currency # 1	Foreign Currency # 2	Foreign Currency # 3	Indicate Local (PKR) (LS)
1	Per diem allowances	Day			NA			
2	International flights	Trip			NA			
3	Miscellaneous travel expenses	Trip	---	---	NA	NA	NA	---
4	Communication costs between [Design Office Karachi] and [Client's HQ Karachi]	Month			NA	NA	NA	---
5	Drafting, reproduction of reports	LS	---	---	NA	NA	NA	42,000
6	Equipment, instruments, materials, supplies, etc.	LS	---	---	NA	NA	NA	---
7	Shipment of personal effects	Trip			NA			
8	Use of computers, software	Month	3,000	12.00	NA	NA	NA	36,000
9	Geotechnical Investigation through pits	LS	---	---	NA	NA	NA	---
10	Laboratory tests	LS	---	---	NA	NA	NA	---
11	Local transportation costs	Month	---	---	NA	NA	NA	---
12	Office rent, clerical assistance	Month	---	---	NA	NA	NA	---
13	Topographic survey	LS	---	---	NA	NA	NA	---
14	Visual condition of Pavement surfacing	LS	---	---	NA	NA	NA	---
15	Visual condition survey of existing structures	LS	---	---	NA	NA	NA	---
16	Traffic survey	LS	---	---	NA	NA	NA	---
Sub Total (Rs)								78,000



**Consultancy Services for  
Design & Construction Supervision of:**

- 1) Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I (ADP # 2227/2016-17)
- 2) Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 to Km 53+250, Length 29.5 Km), Scheme No. II, (ADP # 228/2016-17)
- 3) Rehabilitation / Reconstruction of Road from Thatta to Sujuwal (30 Kms), Scheme No. III, (ADP # 2237/2016-17)

Original



Submitted to



**GOVERNMENT OF SINDH**



SINDH COAL AUTHORITY

**ENERGY DEPARTMENT  
SINDH COAL AUTHORITY**

Submitted by:



EA Consulting Pvt Ltd  
(Formerly Engineering Associates)

**Karachi - Head Office:**  
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**Director General**  
Sindh Coal Authority  
House No. 16, E Street  
Behind Zamzama Park,  
DHA Phase V,  
Karachi



EA Consulting Pvt Ltd

Sub: **Consultancy Services for Design & Construction Supervision of:**

- 1) **Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khore Wah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No. I (ADP # 2227/2016-17)**
- 2) **Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 to Km 53+250, Length 29.5 Km), Scheme No. II, (ADP # 228/2016-17)**
- 3) **Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III, (ADP # 2237/2016-17)**

ENGINEERING  
ARCHITECTURE  
PROJECT MANAGEMENT

KARACHI  
ISLAMABAD  
LAHORE  
DUBAI  
AL AIN

### ***Financial Proposal***

**Dear Sir,**

We, the undersigned, offer to provide the Consultancy Services for the subject projects in accordance with your request for Proposal dated 31.10.2016 and our Proposal. Our attached Financial Proposal is for the sum of **PKR 102,412,052/-** (Pakistan Rupees One Hundred & Two Million Four Hundred Twelve Thousand and Fifty Two only).

Two Cashier Cheques # **11754442** dated **23.08.2016** and # **12753622** dated **15.11.2016** amounting to **Rs. 880,000/- & 205,000/-** respectively are attached herewith being 1% of Bid Value, as required.

Our proposal shall be binding upon us subject to the modifications resulting from Contract negotiations up to expiration of the validity period of the Proposal i.e. before the date indicated in Paragraph Reference 1.12 of the Data Sheet.

No Commission and gratuities paid or to be paid by us to gents relating to this Proposal and Contract execution.

We understand that you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature: \_\_\_\_\_

Name and Title of Signatory: **S.M. Mujtaba Hassan,**  
Name of Consultant (company's name or JV's name): EA Consulting (Pvt.) Ltd.  
In the capacity of: **Sr. Manager, Business Development Division**  
Address: AL-9, 15<sup>th</sup> Lane, Khayaban-e-Hilal, Phase-VII, DHA, Karachi  
Contact information: 0332-3016194, [mujtaba.hassan@eaworld.com.pk](mailto:mujtaba.hassan@eaworld.com.pk)

*Enclosed: Financial Proposal*

AL-9, 15th Lane  
Off Khayaban-e-Hilal  
Phase VII, DHA  
Karachi, Pakistan

T +92 21 111 111 584  
F +92 21 3584 1825

[info@eaworld.com.pk](mailto:info@eaworld.com.pk)  
[www.eaworld.com](http://www.eaworld.com)

1 Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750)

Scheme No. 1 (ADP # 329/2016-17)

2 Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, 41+750 to Km 44+150, Km 47+350 to Km 53+250 (29.5 Km)] Scheme No. II (ADP # 330/2015-16)

3 Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III, (ADP # 2237/2016-17)

Form FIN-2 : SUMMARY OF COSTS

Sr. No.	Item	Cost (PKR)
1	Total Cost of Financial Proposal	90,630,134
2	Sales Tax on Services @ 13%	11,781,917
<b>Grand Total of Financial Proposal</b>		<b>102,412,052</b>

*Handwritten signatures and stamps:*  
A large handwritten signature is present in the center, with the date "18/11" written below it. To the right, there is a circular official stamp of the Government of Sindh, with the text "GOVERNMENT OF SINDH" and "SINDH" visible. Below the signature, there is another handwritten mark that appears to be a signature or initials.

1 **Improvement / Rehabilitation of Remaining Portion of Road from  
Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km  
27+750 to Km 79+750)  
Scheme No. 1 (ADP # 329/2016-17)**

2 **Improvement / Rehabilitation of Remaining Portion of Road from Badin  
to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150,  
41+750 to Km 44+150, Km 47+350 to  
Km 53+250 (29.5 Km)]  
Scheme No. II (ADP # 330/2015-16)**

3 **Rehabilitation / Reconstruction of Road from Thatta to Sujawal  
(30 Kms), Scheme No. III, (ADP # 2237/2016-17)**

**Form FIN-3 : BREAKDOWN OF COST BY ACTIVITY**

<b>Sr. No.</b>	<b>Activity</b>	<b>Amount (PKR)</b>
1	Total Man-Power Cost	90,630,134
2	Total Direct Cost	-
<b>Total =====&gt;</b>		<b>90,630,134</b>



1 Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750) Scheme No. I (ADP # 329/2016-17)

2 Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, 41+750 to Km 44+150, Km 47+350 to Km 53+250 (29.5 Km)] Scheme No. II (ADP # 330/2015-16)

3 Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III, (ADP # 2237/2016-17)

**Form FIN-4 : BREAKDOWN OF REMUNERATION**

Sr. No.	Name	Position	Monthly Charge Rate (PKR)	Man-Months	Amount (PKR)
<b>Design Phase</b>					
1	Muhammad Siddiq Sulemani	Team Leader / The Engineer			4,500,000
2	Admiral (R) Muneer Wahid	Contract Engineer			
3	Atif Naeem Baig	Highway Design Engineer			
4	Dr. Abulkhair Masroor	Structure Design Engineer			
5	Afzal Wahid	Pavement Design Engineer			
6	Saif Ahmed Saeed	Geotechnical Engineer			
7	S. Muhammad Tayyab	Traffic Engineer			
8	Naveed Ahmed	Quantity Surveyor			
9	To be named	Surveyors			
<b>Total (a) (Lump sum) =====&gt;</b>					<b>4,500,000</b>
<b>Supervision Phase</b>					
<b>Key Staff</b>					
10	Muhammad Siddiq Sulemani	Team Leader / The Engineer	360,114	12	4,321,368
11	Admiral (R) Muneer Wahid	Contract Engineer	244,363	12	2,932,356
12	Ghulam Mujtaba Channar	Resident Engineer	264,941	24	6,358,584
13	Sohail Ahmed/Anwar Mallah	Assistant Resident Engineer (Hwy), 2 nos	180,057	48	8,642,736
14	Farooq Bhayo/Ashraf	Assistant Resident Engineer (Str.), 2 nos	180,057	48	8,642,736
15	Syed Shahnsha	Material Engineer	167,196	24	4,012,704
16	To be named	Quantity Surveyor	141,473	24	3,395,352
17	To be named	Site Inspector (Hwy), 4 nos	90,028	96	8,642,688
18	To be named	Site Inspector (Str.) 3 nos	90,028	72	6,482,016
19	To be named	Surveyor 6 nos	92,601	144	13,334,544
20	To be named	Lab Technician 6 nos	77,167	144	11,112,048
<b>Sub-Total =====&gt;</b>					<b>77,877,132</b>
<b>Support Staff</b>					
21	To be named	Computer Operator	55,303	24	1,327,272
22	To be named	Peon & Messenger (1 + 1)	36,011	48	1,728,528
<b>Sub-Total =====&gt;</b>					<b>3,055,800</b>
<b>Total Remuneration (b) =====&gt;</b>					<b>80,932,932</b>





**Post-Construction Phase (DLP)**

**Key Staff**

1	Muhammad Siddiq Sulemani	Team Leader / The Engineer	360,114	2.40	864,274
2	Admiral (R) Muneer Wahid	Contract Engineer	244,363	1.50	366,545
3	Ghulam Mujtaba Channar	Resident Engineer	264,941	6.00	1,589,646
4	To be named	Quantity Surveyor	141,473	6.00	848,838

*Sub-Total* =====> **3,669,302**

**Support Staff**

5	To be named	Computer Operator	55,303	12	663,636
6	To be named	Peon & Messenger (1 + 1)	36,011	24	864,264

*Sub-Total* =====> **1,527,900**

**Total Remuneration (c)** =====> **5,197,202**

**Total Remuneration (a+b+c)** =====> **90,630,134**



1 Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750) Scheme No. 1 (ADP # 329/2016-17)

2 Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, 41+750 to Km 44+150, Km 47+350 to Km 53+250 (29.5 Km)] Scheme No. II (ADP # 330/2015-16)

3 Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III, (ADP # 2237/2016-17)

Form FIN-5 : BREAKDOWN OF REIMBURSABLE EXPENSES

Sr. No.	Description	Unit	Rate (PKR)	Quantity	Amount (PKR)
1	Per diem allowances	Day	-	-	-
2	International flights	Trip	-	-	-
3	Miscellaneous travel expenses	Trip	-	-	-
4	Communication costs between [Design Office Karachi] and	Month	-	-	-
5	Drafting, reproduction of reports	LS	-	-	-
6	Equipment, instruments, materials, supplies, etc.	LS	-	-	-
7	Shipment of personal effects	Trip	-	-	-
8	Use of computers, software	Month	-	-	-
9	Geotechnical Investigation through Test Pits	LS	-	-	-
10	Laboratory tests	LS	-	-	-
11	Local transportation costs	Month	-	-	-
12	Office rent , clerical assistance	Month	-	-	-
13	Topographic Survey	LS	-	-	-
14	Visual Condition Survey Pavement Surfacing	LS	-	-	-
15	Visual Condition Survey of existing structures	LS	-	-	-
16	Traffic Survey	LS	-	-	-
<b>Total</b> =====>					-



1 Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750) Scheme No. I (ADP # 329/2016-17)

2 Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, 41+750 to Km 44+150, Km 47+350 to Km 53+250 (29.5 Km)]  
Scheme No. II (ADP # 330/2015-16)

3 Rehabilitation / Reconstruction of Road from Thatta to Sujawal  
(30 Kms), Scheme No. III, (ADP # 2237/2016-17)

**CONSULTANT'S REPRESENTATION REGARDING COSTS AND CHARGES**

Sr. No.	Personnel		1	2	3	4	5	6	7	8
	Name	Position	Basic Salary per Month	Social Charges (32.33% of 1)	Overheads (101.51% of 1)	Sub-Total (1+2+3)	Fee (10% of 4)	Away from Headquarter Allowance	Proposed Fixed Rate per Working Month	Proposed Fixed Rate per Working Month
<b>Supervision Phase</b>										
1	Muhammad Siddiq Sulemani	Team Leader / The Engineer	140,000	45,262	142,114	327,376	32,738	-	360,114	257%
2	Admiral (R) Muneer Wahid	Contract Engineer	95,000	30,714	96,435	222,148	22,215	-	244,363	257%
3	Ghulam Mujtaba Channar	Resident Engineer	103,000	33,300	104,555	240,855	24,086	-	264,941	257%
4	Sohail Ahmed	Assistant Resident Engineer (Hwy)	70,000	22,631	71,057	163,688	16,369	-	180,057	257%
5	Farooq Bhayo	Assistant Resident Engineer (Str.)	70,000	22,631	71,057	163,688	16,369	-	180,057	257%
6	Syed Shahnsa	Material Engineer	65,000	21,015	65,982	151,996	15,200	-	167,196	257%
7	Imtiaze	Quantity Surveyor	55,000	17,782	55,831	128,612	12,861	-	141,473	257%
8	To be named	Site Inspector (Hwy)	35,000	11,316	35,529	81,844	8,184	-	90,028	257%
9	To be named	Site Inspector (Str.)	35,000	11,316	35,529	81,844	8,184	-	90,028	257%
10	To be named	Surveyor	36,000	11,639	36,544	84,182	8,418	-	92,601	257%
11	To be named	Lab Technician	30,000	9,699	30,453	70,152	7,015	-	77,167	257%
12	To be named	Secretary / Office Administrator	25,000	8,083	25,378	58,460	5,846	-	64,306	257%
13	To be named	Computer Operator	21,500	6,951	21,825	50,276	5,028	-	55,303	257%
14	To be named	Peon / Messenger	14,000	4,526	14,211	32,738	3,274	-	36,011	257%



1 Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750) Scheme No. I (ADP # 329/2016-17)

2 Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, 41+750 to Km 44+150, Km 47+350 to Km 53+250 (29.5 Km)] Scheme No. II (ADP # 330/2015-16)

3 Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III, (ADP # 2237/2016-17)

**BREAKDOWN OF SOCIAL CHARGES**

EA Consulting Private Limited  
Breakdown of Social Charges



**EA Consulting Pvt Ltd**  
(Formerly Engineering Associates)

Item Description	Amount in PKR	As % of Basic Salary	Comments
Vacation & Sick leaves	N/A	16.60%	44 out of 264 days
Overtime and Late sitting allowance	6,053,658	2.37%	
Bonus	11,776,299	4.62%	
Leave Encashment	1,562,221	0.61%	
Gratuity	2,797,480	1.10%	
Old Age Contribution	1,191,873	0.47%	
Social Security Contribution	576,120	0.23%	
Provident Fund	10,789,687	4.23%	
Medical Expenses	1,439	0.00%	
Notice Pay	74,761	0.03%	
Special Performance Allowance	206,248	0.08%	
Relocation Allowance	500,000	0.20%	
Off Day Allowance	1,065,610	0.42%	
Charity and Donations	155,000	0.06%	
Insurance	3,359,948	1.32%	
<b>Total</b>	<b>40,110,344</b>	<b>32.33%</b>	

ENGINEERING  
ARCHITECTURE  
PROJECT MANAGEMENT

KARACHI  
ISLAMABAD  
LAHORE  
DUBAI  
AL AIN

  
FINANCE MANAGER

  
DIRECTOR



1 Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750) Scheme No. I (ADP # 329/2016-17)

2 Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor [Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, 41+750 to Km 44+150, Km 47+350 to Km 53+250 (29.5 Km)] Scheme No. II (ADP # 330/2015-16)

3 Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30 Kms), Scheme No. III, (ADP # 2237/2016-17)

### BREAKDOWN OF OVERHEAD COSTS

EA Consulting Private Limited  
Breakdown of Overhead Costs



EA Consulting Pvt Ltd  
(Formerly Engineering Associates)

Item Description	Amount in PKR	As % of Basic Salary
Advertisement	486,890	0.19%
Amortization	6,105,349	2.39%
Auditor's Remuneration	400,000	0.16%
Bank Charges	6,129,645	2.40%
Canteen	2,293,668	0.90%
Charity And Donation	155,000	0.06%
Communication	2,332,425	0.91%
Consultancy Charges	42,483,149	16.66%
Depreciation -	11,679,932	4.58%
Entertainment	5,061,574	1.98%
Fees And Subscription	854,587	0.34%
Insurance	9,932,516	3.90%
Legal And Professional	887,500	0.35%
Miscellaneous And Others	10,566,014	4.14%
Postage & Courier	866,208	0.34%
Printing And Stationery	2,727,723	1.07%
Rent, Rates And Taxes	10,118,638	3.97%
Repairs And Maintenance	12,129,618	4.76%
Salaries , Wages And Benefits	77,516,357	30.40%
Security Charges	2,402,273	0.94%
Travelling And Conveyance	11,320,322	4.44%
Utilities -	9,094,787	3.57%
Vehicle Running Expenses	18,688,380	7.33%
Input taxes	14,610,432	5.73%
<b>Total</b>	<b>258,842,987</b>	<b>101.51%</b>

ENGINEERING  
ARCHITECTURE  
PROJECT MANAGEMENT

KARACHI  
ISLAMABAD  
LAHORE  
DUBLIN  
ALAM

FINANCE MANAGER

DIRECTOR









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## LIST OF PARTICIPANTS

MEETING OF CONSULTANTS SELECTION COMMITTEE REGARDING OPENING OF TECHNICAL PROPOSALS FOR THE FOLLOWING WORKS HELD ON 16<sup>TH</sup> NOVEMBER, 2016 AT 1700 HRS. UNDER THE CHAIRMANSHIP OF DIRECTOR GENERAL, SINDH COAL AUTHORITY / CHAIRMAN, CSC IN THE COMMITTEE ROOM OF SINDH COAL AUTHORITY :-

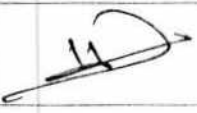




- Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) Near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No.I
- Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 to Km 53+250, Length 29.5 Km) Scheme No. II
- Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30-kms) – Scheme No.III
- Various New Road Links, Bypasses and Improvement / Widening / Rehabilitation of Existing Roads in Districts Tharparkar and Mirpurkhas

S. NO.	NAME, DESIGNATION ALONGWITH FIRM & CONTACT NUMBER	SIGNATURE
1.	Mr. Danish Saeed, Director General, SCA / Chairman, CSC	
2.	Engr. Muhammad Ali Memon, Chief Engineer, SCA – Member, CSC	
3.	Mr. Muhammad Yaqboob Kazi, DAO, SCA – Member, CSC	
4.	M/s. AA Associates + ECIL JV	
5.	M/s. EA Consulting (Pvt) Limited	
6.	M/s. Associated Consulting Engineers (ACE)	Not Submitted 

## LIST OF PARTICIPANTS

MEETING OF CONSULTANTS SELECTION COMMITTEE REGARDING OPENING OF FINANCIAL PROPOSALS FOR THE FOLLOWING WORKS HELD ON 18<sup>TH</sup> NOVEMBER, 2016 AT 1500 HRS. UNDER THE CHAIRMANSHIP OF DIRECTOR GENERAL, SINDH COAL AUTHORITY / CHAIRMAN, CSC IN THE COMMITTEE ROOM OF SINDH COAL AUTHORITY :-

- Improvement / Rehabilitation of Remaining Portion of Road from Sujawal to Badin (52 Km) Near Khorewah to Start of Badin Bypass (Km 27+750 to Km 79+750), Scheme No.I
- Improvement / Rehabilitation of Remaining Portion of Road from Badin to Wango Mor (Km 9+950 to Km 27+750, Km 29+750 to Km 33+150, Km 41+750 to Km 44+150, Km 47+350 to Km 53+250, Length 29.5 Km) Scheme No. II
- Rehabilitation / Reconstruction of Road from Thatta to Sujawal (30-kms) – Scheme No.III
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S. NO.	NAME, DESIGNATION ALONGWITH FIRM & CONTACT NUMBER	SIGNATURE
1.	Mr. Danish Saeed, Director General, SCA / Chairman, CSC	
2.	Engr. Muhammad Ali Memon, Chief Engineer, SCA – Member, CSC	
3.	Mr. Muhammad Yaqboob Kazi, DAO, SCA – Member, CSC	
4.	M/s. AA Associates + <i>ECIL Jr.</i>	
5.	M/s. EA Consulting (Pvt) Limited	 18/11/2016