

PAKISTAN AIR MAIL STAMP VENDOR

Office No. 17, Seat No. 25, CPY, Karachi

13 NOV 2012

4929

## CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the 16th day of November, 2012 between Sindh Coal Authority (hereafter called the "Procuring Agency") of the one part and M/s Umer Jan & Company (hereafter called the "Contractor") of the other part.

WHEREAS the Procuring Agency is desirous that certain works, viz Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses, Contract Package # SCA/Phase-1/CP-1 should be executed by the Contractor and has accepted a bid of Rs.1,179,625,692/- (Rupees one billion, one hundred seventy nine million six hundred twenty five thousand & six hundred ninety two only) offered by the Contractor for the execution and completion of such works and the remedying of any defects therein.

NOW this Agreement witnesseth - as follows:

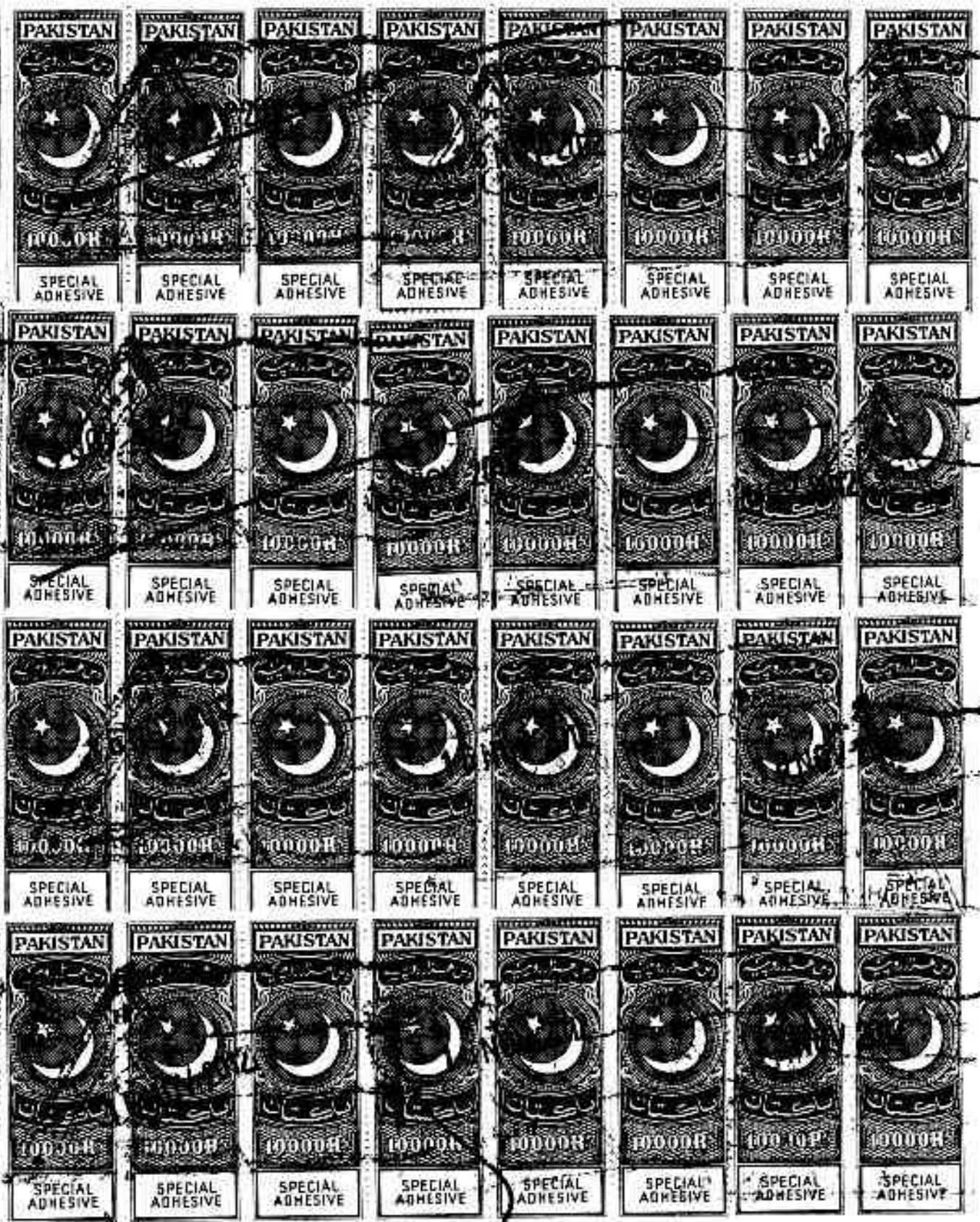
1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any, except those parts relating to Instructions to bidders shall be deemed to form and be read and construed as part of this Agreement, viz:

- (a) The Contract Agreement;
- (b) The Letter of Acceptance;
- (c) The completed Form of Bid;
- (d) Special Stipulations (Appendix-A to Bid);
- (e) The Special Conditions of Contract - Part II;
- (f) The General Conditions - Part I;
- (g) The completed Appendices to Bid (B, C, E to I);
- (h) The Drawings;
- (i) Special provisions
- (j) Addenda to NHA General Specifications 1998
- (i) The NHA General Specifications
- (j) The priced Bill of Quantities (Appendix-D to Bid);
- (k) Addendum issued by the Procuring Agency during bidding process

3. In consideration of the payments to be made by the procuring agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the procuring agency to execute and complete the works and remedy defects therein in conformity and in all respects with the provisions of the contract.

Agreement between Director General, Sindh Coal Authority and M/s Umer Jan & Company

Name of work : Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses. Contract Package # SCA/Phase-1/CP-1



470

Agreement between Director General, Sindh Coal Authority and M/s Umer Jan & Company

Name of work : Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses, Contract Package # SCA/Phase-1/CP-1



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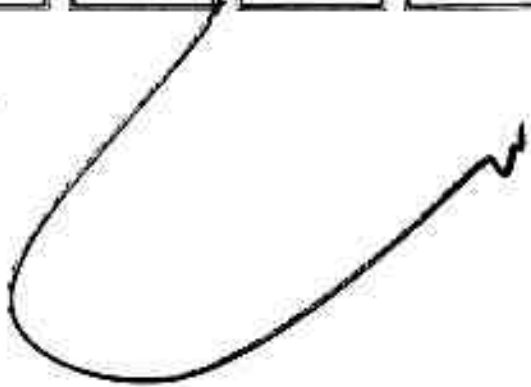
Agreement between Director General, Sindh Coal Authority and M/s Umer Jan & Company

Name of work : Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses, Contract Package # SCA/Phase-1/CP-1



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32

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etc

Agreement between Director General, Sindh Coal Authority and M/s Umer Jan & Company

Name of work Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses. Contract Package # SCA/Phase-1/CP-1



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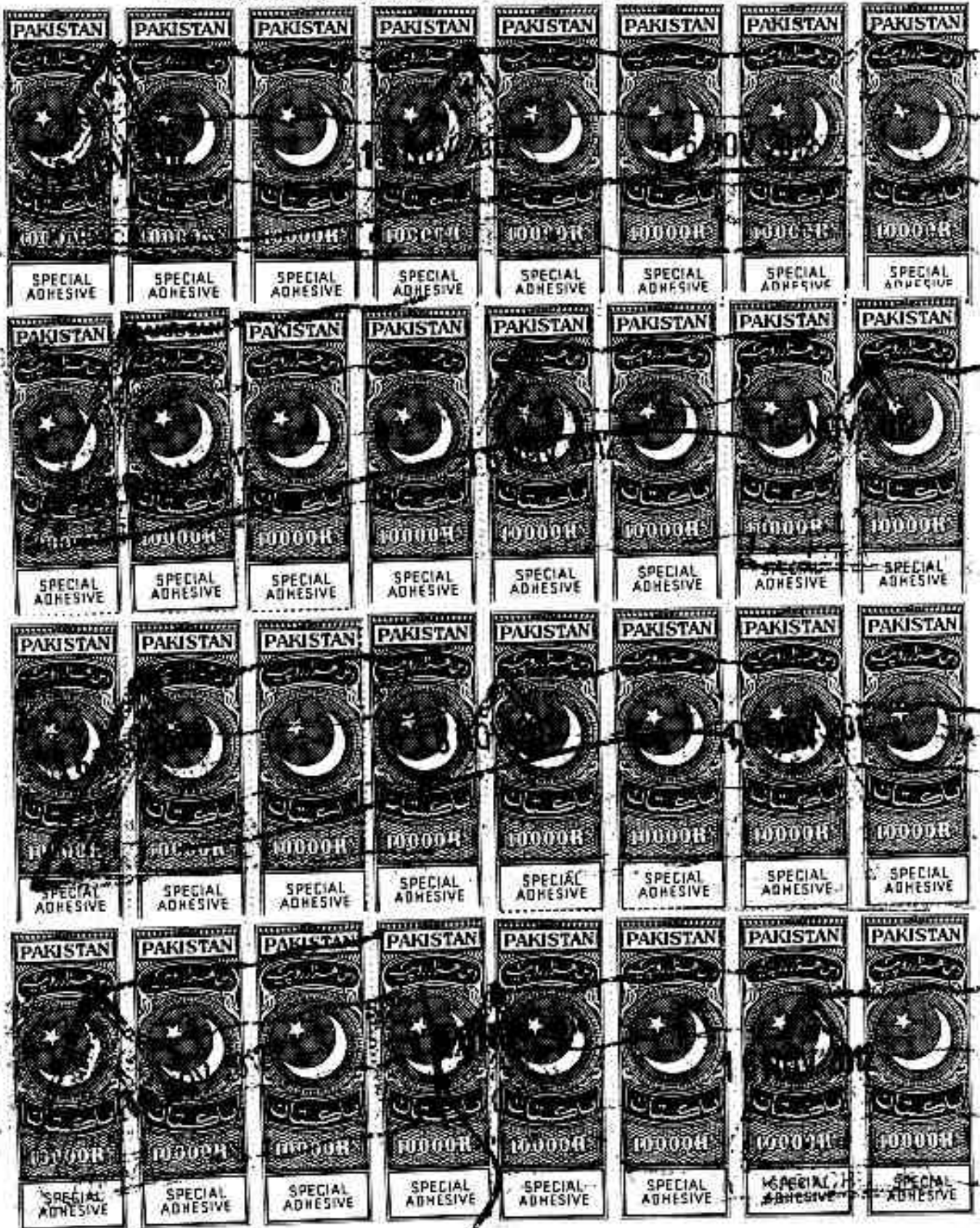
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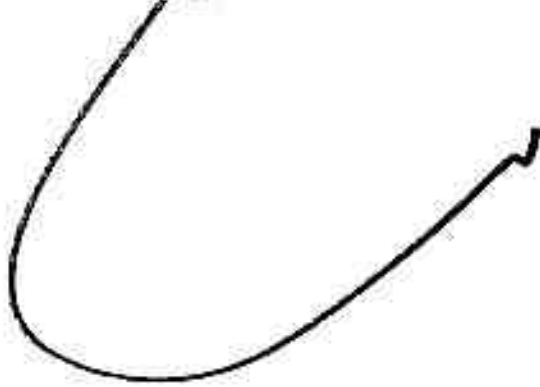
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Name of work Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses. Contract Package # SCA/Phase-1/CP-1



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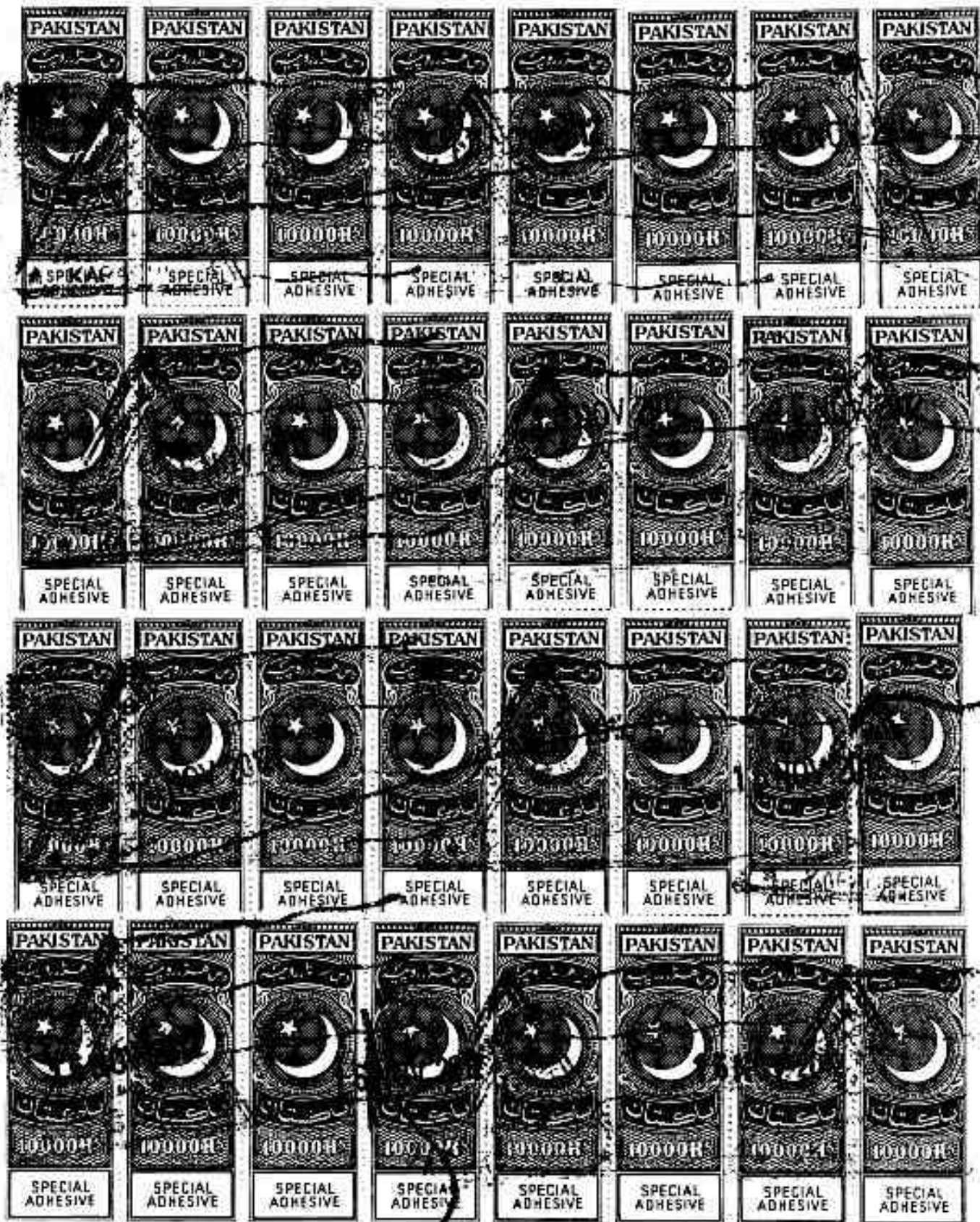


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Agreement between Director General, Sindh Coal Authority and M/s Umer Jan & Company

Name of work: Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses, Contract Package # SCA/Phase-1/CP-I



**Agreement between Director General, Sindh Coal Authority and M/s Umer Jan & Company**

Name of work Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses, Contract Package # SCA/Phase-1/CP-1

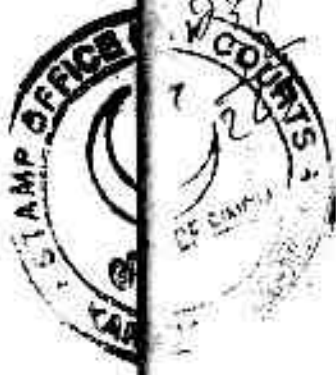


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Agreement between Director General, Sindh Coal Authority and M/s Umer Jan & Company

Name of work : Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses. Contract Package # SCA/Phase-1/CP-1



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Name of work Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses, Contract Package # SCA/Phase-1/CP-1



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*Handwritten mark.*

Agreement between Director General, Sindh Coal Authority and M/s Umer Jan & Company

Name of work : Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses, Contract Package # SCA/Phase-1/CP-1



*Handwritten signature and a large checkmark.*

*Handwritten mark.*

**Agreement between Director General, Sindh Coal Authority and M/s Umer Jan & Company**

Name of work : Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski bypasses, Contract Package # SCA/Phase-1/CP-1



Challan No.

# National Bank of Pakistan

Treasury / Sub Treasury

49

KARACHI

T.F. 6  
Treasury Rule 92)  
Challan of Cash paid into the

National Bank of Pakistan

*Handwritten vertical text:* Mr. Umar Khan & Co. P.O.

To be filled by the remitter

To be filled in the Department  
Officer of the Treasury

By whom tendered	Name (or designation) and person on whose behalf money is paid	Full Particulars of the remittance and of authority (if any)	Amount		Head of Account	Order to the Bank
Name			Rs.	P.		
	ASST. COMPTROLLER GENERAL KARACHI	ASST. COMPTROLLER GENERAL KARACHI COMMERCIAL B-02702	353800		027000-0271000	
		Total	353800			

*Handwritten:* Thirty Five Lacs

*Handwritten:* 027000-0271000

*Handwritten:* Correct. Received on behalf of the Officer (Signature and designation of the Officer debiting the money to be paid in) Mr. Umar Khan & Co. P.O. Karachi

(In words) Rupees

Received payment (in words) Rupees

Treasurer

Accountant

Date

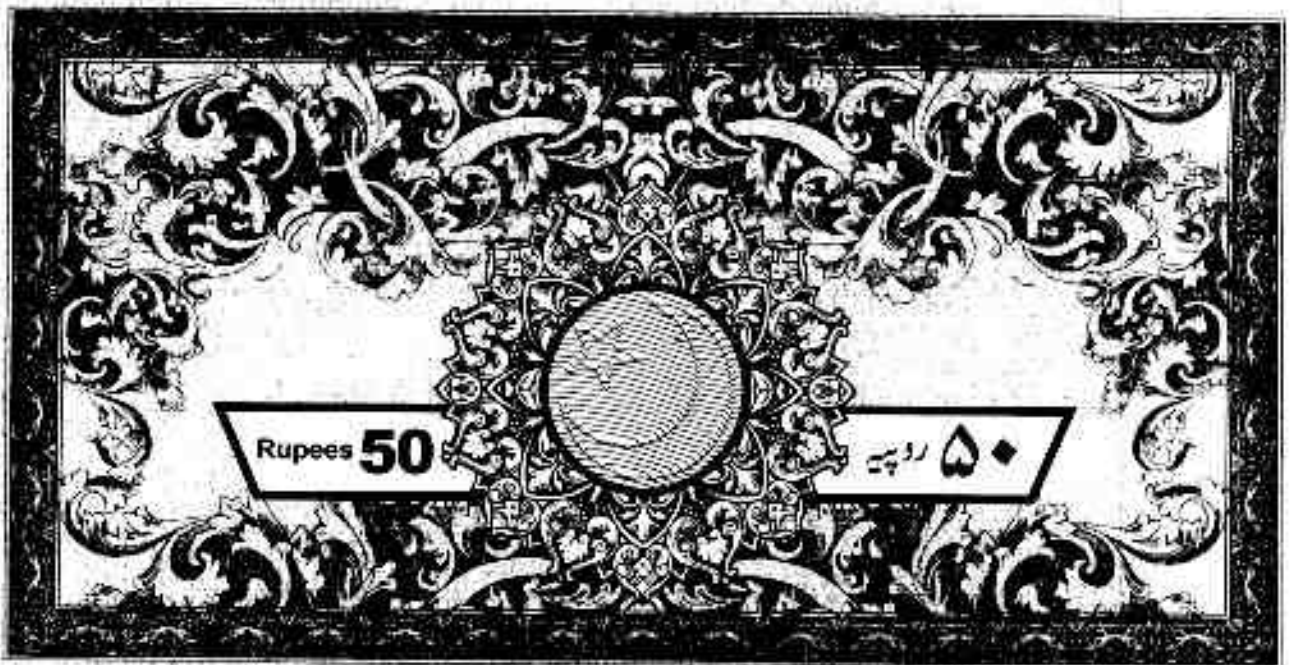
Treasury Officer Agent

**ORIGINAL**



Serial No. 4  
Date 10/10/00

SECRET



13 NOV 2012

Contract No. 17, Seat No. 24, City Court, Karachi  
 No. 4928 Date  
 ISSUED TO WITH AMOUNT  
 BROUGHT TO WITH  
 PURPOSE  
 VALUE  
 CONTRACTOR'S SIGNATURE

Procuring agency hereby covenants to pay the contractor, in consideration of the execution and completion of the works as per provisions of the contract, the contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract,

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Sign and Seal of the Contactor

(Signature)  
 (Muhammad Akram Khan)  
 Director  
 M/s. Umer Jan  
 Engineers & Contractors

Sign and Seal of Sindh Coal Authority

(Signature)  
 (Abdul Majeed Pathan)  
 Director General  
 Sindh Coal Authority  
 Director  
 Sindh Coal Authority  
 Government of Sindh  
 Karachi

Signed, Sealed and Delivered in the presence of:

Witness: (Signature)

Mr. JEHAN ZAIB KHAN

Title Director NRB

Address: 11-B Block 'C'  
 Unit No-2 Latifabad H44

CNIC No: 54303-0152792-3

Witness: (Signature)

Mr. Hassan Ally Memon

Title Chief Engineer, SCA

Address: Benga low no. 16, E street  
 Zamzama, DHA Phase II Karachi

CNIC No. 41409-4624304-9

M/s Niaz Mohd. Khan & Brothers  
 Engineers & Constructors

CHIEF ENGINEER  
 SINDH COAL AUTHORITY  
 GOVERNMENT OF SINDH





**GOVERNMENT OF SINDH**



SINDH COAL AUTHORITY

**COAL & ENERGY DEVELOPMENT  
DEPARTMENT**

**SINDH COAL AUTHORITY**

# **Bid Evaluation Report**

August, 2012

Widening & Improvement of Road from  
Wango Mor to Khoski Including  
Construction of Shadi Large and Khoski Bypasses  
Contract Package # SCA/Phase-1/CP-1  
(Length 20.1 Km)

Gold is . . . .

**EA Consulting Pvt Ltd**

(Formerly Engineering Associates)

Engineering, Architecture & Project Management

Head Office:

At-9, 15th Lane, Khaspura-e-Hind

Phase VII, D.I. Khan, Karachi-75500

Tel: UAN-111-111 534 Fax: (021) 3584-1825

ea



**GOVERNMENT OF SINDH**



**SINDH COAL AUTHORITY**

**COAL & ENERGY DEVELOPMENT  
DEPARTMENT**

**SINDH COAL AUTHORITY**

# **Bid Evaluation Report**

August, 2012

**Widening & Improvement of Road from  
Wango Mor to Khoski Including  
Construction of Shadi Large and Khoski Bypasses  
Contract Package # SCA/Phase-1/CP-I  
(Length 20.1 Km)**

Gold is . . .



**EA Consulting Pvt Ltd**

Formerly Project Management Services Ltd.

Engineering, Architecture & Project Management

Head Office:

AL-1, 1st Floor, Khayaban-e-Hilly

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

Tel: UAN: 111-111-534, Fax: (021) 3584-1875



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Subject: Improvement and Widening of Road Network from Seaport Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi Islamkot upto Wango Mor including Bypasses (225 kms.) – Phase-I

Contract Package -1 (CP-1):-

Widening & Improvement of Road from Wango Mor to Khoski including Construction of Shadi Large and Khoski Bypasses (Length 20.1 kms.)

26.07.2012

S. No.	Name of Firm	Price Quoted by the Bidder, in Pak. Rupee		Bid Security No.
		In Figures	In Words	
1.	M/s. MAJ & FE Joint Venture	NO TENDER RECEIVED		
2.	M/s. Muhammad Ramzan & Co.	NO TENDER RECEIVED		
3.	M/s. Fazal & Brothers	NO TENDER RECEIVED		
4.	M/s. Mumtaz & Company	NO TENDER RECEIVED		
5.	M/s. Zarghoon Enterprises (Pvt) Limited	NO TENDER RECEIVED		
6.	M/s. Maqbool Associates (Pvt) Limited	NO TENDER RECEIVED		
7.	M/s. Rakhshani Builders (Pvt) Limited	NO TENDER RECEIVED		
8.	M/s. Umer Jan & Co.	Rs 1,179,770,955/-	Rupees one billion, one hundred seventy nine million, seven hundred seventy thousand & nine hundred fifty six only	CD No FWDC 0321337 dated: 25.07.2012 amounting to Rs.27,000,000/- from First Women Bank Limited Sukkur.
9.	M/s. Niaz Muhammad Khan & Brothers	Rs 1,346,914,880/-	Rupees one billion, three hundred forty six million, nine hundred fourteen thousand & eight hundred eighty only	CD No. CDR 0151379 dated: 25.07.2012 amounting to Rs.30,000,000/- from Silk Bank, Hyderabad.
10.	M/s. Haji Sirajuddin Soomro	Rs 1,345,899,595/-	Rupees one billion, three hundred forty five million, eight hundred ninety nine thousand & five hundred ninety five only	CD No. CDR 0438793 dated: 25.07.2012 amounting to Rs.30,700,000/- from Bank Al-Falah Ltd, Hyderabad.
11.	M/s. Friends Construction Syndicate (Pvt) Limited	NO TENDER RECEIVED		

Member, PC *[Signature]* Member, PC *[Signature]* Member, PC *[Signature]* Member, PC *[Signature]*  
 Member, PC *[Signature]* Member, PC *[Signature]* Member, PC *[Signature]* Member, PC *[Signature]*  
 Chairman, PC *[Signature]* Chairman, PC *[Signature]* Chairman, PC *[Signature]* Chairman, PC *[Signature]*  
 AS, C&E *[Signature]* AS, C&E *[Signature]* AS, C&E *[Signature]* AS, C&E *[Signature]*  
 26/7/12  
 Member, PC *[Signature]* Member, PC *[Signature]* Member, PC *[Signature]* Member, PC *[Signature]*  
 Chairman, PC *[Signature]* Chairman, PC *[Signature]* Chairman, PC *[Signature]* Chairman, PC *[Signature]*

**SINDH COAL AUTHORITY**  
**Bid Evaluation Report**  
**CONTRACT PACKAGE NO. SCA/PHASE-1/CP-I**

**1. GENERAL:**

**1.1 *Introduction***

This report covers the evaluation and recommendations in respect of the bids opened on July 26, 2012 for the following contract package:-

**Construction of Shadi large and Khoski Bypasses in all respect including repair/rehabilitation/reconstruction of structures (Culverts & Bridges) from Wango Mor to Khoski, Contract Package No: SCA/Phase 1/CP-I**

Bids for the above contract package was invited from the pre-qualified bidders only.

**1.2 *Scope of Work***

The above-mentioned contract package consists of construction of bypasses and repair/rehabilitation/reconstruction of existing culverts and bridges from Wango Mor to Khoski.

**1.3 *Methodology***

Bid evaluation has been carried out in accordance with the SPPRA Rules and Instructions to Bidders contained in the bidding document. The report is divided in to '5' sections namely:-

Section - 1	:	General
Section - 2	:	Bidding Process
Section - 3	:	Preliminary Evaluation
Section - 4	:	Detailed Evaluation
Section - 5	:	Summary and Recommendations

## 2. THE BIDDING PROCESS

### 2.1 *Invitation of Bids*

The Sindh Coal Authority (SCA) invited bids from eleven (11) pre-qualified bidders through letters dated July 02, 2012.

During the bidding period, a number of queries were raised by the bidders in writing. The pre-bid meeting was held in the conference room of SCA on July 12, 2012 at 1200hrs, wherein all the queries/questions of bidders were replied.

### 2.2 *Addenda*

During the bidding period, following addenda were issued by SCA. All addenda were issued pursuant to Clause IB-9 of the Instructions to Bidders

<b>Addenda No.</b>	<b>Letter Reference</b>	<b>Date</b>
1	SCA-23(1)/2012	July 13, 2012
2	SCA-23/TW/DG/06/2012	July 19, 2012
3	SCA-23/TW/DG/2012	July 19, 2012

### 2.3 *Submissions of Bids*

The procedure for the Submission of Bids is provided in IB Clause 19 which states

Quote

*\*19.1 Each bidder shall submit his bid as under:*

- (a) ORIGINAL and 1 COPIES of the bid shall be separately sealed and put in separate envelopes and marked as such.*
- (b) The envelopes containing the ORIGINAL and COPIES shall be put in one sealed envelope and addressed as given in sub - clause IB 19.2 hereof.*

*19.2 The inner and outer envelopes shall:*

- (a) be addressed to the procuring agency at the address provided in the bidding data,*
- (b) bear the name and identification number of the contract as defined in the bidding data, and*
- (c) provide a warning not to open before the time and date for bid opening, as specified in the bidding data.*

*19.3 In addition to the identification required in sub- clause IB 19.2 hereof, the inner envelope shall indicate the name and postal address of the bidder to enable the bid to be returned unopened in case it is declared "late" pursuant to Clause IB.21*

- 19.4 *If the outer envelope is not sealed and marked as above, the procuring agency will assume no responsibility for the misplacement or premature opening of the Bid \* Un-quote*

## **2.4 Deadline for Submissions of Bids**

IB Clause 20 and 21 states

Quote

- \*20.1 (a) Bids must be received by the procuring agency at the address specified not later than the time and date stipulated in the bidding data.*
- (b) Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that specified above. Bidders shall bear all expenses incurred in the preparation and delivery of bids. No claims shall be entertained for refund of such expenses.*
- (c) Where delivery of a bid is by mail and the bidder wishes to receive an acknowledgment of receipt of such bid, he shall make a request for such acknowledgment in a separate letter attached to but not included in the sealed bid package.*
- (d) Upon request, acknowledgment of receipt of bids will be provided to those making delivery in person or by messenger.*
- 20.2 The Procuring Agency may, at its discretion, extend the deadline for submission of bids by issuing an amendment in accordance with IB 09. In such case, all rights and obligations of the procuring agency and the bidders shall remain the same as mentioned in the original deadline.*

### **IB.21 Late Bids**

- (a) any bid received by the procuring agency after the deadline for submission of bids prescribed in to clause IB 20 shall be returned unopened to such bidder.*
- (b) delays in the mail, person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the bidder's responsibility to submit the bid in time. \* Un-quote*

All the eleven (11) prequalified bidders purchased the bidding document.

The closing date and time for submission of bids was July 26, 2012 at 1300 hrs and only three bids out of eleven (11) were received by that time.

## **2.5 Opening of Bids**

The procedure for the opening of bids is provided in IB Clause 23 which states

*Quote*

- "23.1 Procuring agency will open the bids, including withdrawals, substitution and modifications made pursuant to Clause IB.22, in the presence of bidders' representatives who choose to attend, at the time, date and location stipulated in the bidding data. The bidders or their representatives who are in attendance shall sign an attendance sheet.*
- 23.2 Envelopes marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to clause IB.22 shall not be opened.*
- 23.3 Procuring agency shall read aloud the name of the bidder, total bid price and price of any Alternate Proposal(s), if any, discounts, bid modifications, substitution and withdrawals, the presence or absence of bid security, and such other details as the procuring agency may consider appropriate, and total amount of each bid, and of any alternative bids if they have been requested or permitted, shall be read aloud and recorded when opened.*
- 23.4 Procuring Agency shall prepare minutes of the bid opening, including the information disclosed to those present in accordance with the sub-clause IB.23.3."*
- Un-quote*

The bids were opened by the Procurement Committee constituted by SGA & CD, GoS in accordance with SPPRA Rules, comprising:

- i. Chief Engineer, Sindh Coal Authority
- ii. Chief (Industries), P&D Department
- iii. Deputy Secretary (Dev-II), Finance Department
- iv. Superintending Engineer, Sindh Coal Authority
- v. Executive Engineer, Sindh Coal Authority
- vi. Divisional Accounts Officer, Sindh Coal Authority
- vii. The Engineer, EA Consulting (Pvt) Ltd
- viii. Contract/Procurement Engineer, EA Consulting (Pvt) Ltd

Total three bids were received for this Contract Package.

In accordance with the Bidding procedure, an attendance register was signed by all the Bidder's representatives, and the members of the Bid Opening Committee. The whole record is kept in the office of SCA.

Total three bids were received for this Contract Package and Bids of these three bidders were opened and their bid price was read out strictly in accordance with the procedure laid down in Instruction to Bidders. The three bidders are:

Bidder Identification Name (a)	Read-Out Bid Price with Premium/Discount		Modifications or Substitution (d)
	currency (b)	Amount (c)	
Umer Jan & Company	Pak. Rs.	1,179,770,956	NO
Haji Sirajuddin	Pak. Rs.	1,345,899,595	NO
Niaz Muhammad Khan & Brothers	Pak. Rs.	1,346,914,880	NO

For Bid Evaluation, all the three bids were handed over to the Consultant for evaluation and preparation of Bid Evaluation Report in accordance with the terms of services of the Consultants.

### 3. EXAMINATION & RESPONSIVENESS STUDY OF BIDS

#### 3.1 Examination of Bids

The examination of the bids was carried out in accordance with IB Clause 26.1 which states

Quote

*"Prior to the detailed evaluation of bids, the procuring agency will determine whether the bidder fulfils all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further to determine whether they were complete in order to assess their responsiveness." Un-Quote*

The codal requirements provided in the bidding document are:

Quote

*"11.1 (a) submit a written authorization on the letterhead of the bidding firm, authorizing the signatory of the bid to act for and on behalf of the bidder,*

- (b) Prequalification Information to be updated:*
- Annual Construction Turn Over*
  - Access to Financial Resources*
  - Financial Soundness*
  - Financial predictions for the current year and the following two years including the effect of known commitments*
  - Work commitments since prequalification*
  - Current litigation information*
  - Historic non-performance*

*Above stated information should be provided in forms provided in the bidding document for this purpose along with supporting documents*

*And*

- (c) furnish a technical proposal taking into account the various Appendices to Bid specially the following:*

*Appendix-E to Bid Proposed Construction Schedule*

*Appendix-F to Bid Method of Performing the Work*

*Appendix-G to Bid List of Major Equipment*

*Appendix-K to Bid Organization Chart for Supervisory Staff*

*and other pertinent information such as mobilization programme etc." Un-Quote*

At this stage of evaluation following documents were examined for completeness:

- a) Bid received on time
- b) Modification / withdrawal letters received



- c) Bid Security of Correct Value and Validity Submitted
- d) Written Authorization provided
- e) Copy of JV Agreement Provided (if applicable)
- f) Eligibility Documents (PEC, History of Non Performing Contracts, Litigation) Provided
- g) Financial Documents Provided
- h) Experience Documents Provided
- i) Current Commitment Documents Provided
- j) Work Schedule Provided
- k) Method Statement Provided
- l) Organization Chart Provided

Based on the standard procedures, Checklists have been prepared, one for each bidder, of the documents submitted by them and checked/examined by evaluation committee. The results are given in below table:

**TABLE 3.1 EXAMINATION OF BIDS**

S.No.	Check	Umer Jan & Co.	Haji Siraj Uddin	Niaz Mohd. Khan
1	PEC	Not Provided	Provided	Provided & valid
2	Bid Security	Provided	Provided	Provided
3	Authority Letter	Not provided	Not provided	Provided
4	Access to financial resources	Provided	Nil	Provided
5	Current commitments	Provided	Provided	Provided
6	Litigation information	Provided	Provided	Provided
7	Equipment availability	Provided	Provided	Provided
8	Work Schedule	Not as per request	Provided of other project	Provided
9	Method of Performing Work	Not appropriate; methodology for bridge construction not provided	Provided	Provided
10	Safety Plan	Not provided	Not provided	Provided
11	Site Facilities	Of some other contractor (M/s. Behram Construction Co.)	Provided of other project	Provided
12	Organization chart	Provided	Provided	Provided
13	Original Affidavit	Not provided	Not provided	Provided

The result of above examination is summarized herein below:

S.#	Name of Bidders	Completeness of Bid
1.	Umer Jan & Company	Substantially Complete, Eligible
2.	Haji Sirajuddin	Complete, Eligible
3.	Niaz Mohammad Khan & Brothers	Complete, Eligible

### 3.2 Responsiveness Study

The responsiveness or otherwise of the Bids is determined on the basis of Clause IB-26.2 of Instructions to Bidders. Sub-clause 26.2 of IB provides:

*Quote*

*"26.2 Once found to be fulfilling the eligibility criteria, as mentioned in sub-clause 26.1, the bids of eligible bidders will be evaluated for technical responsiveness as per specification and criteria given in the bidding documents....."* Un-quote

IB Clause 26.3 states the criteria of responsiveness

*Quote*

*"A bid will be considered technically responsive if it (i) has been properly signed; (ii) is accompanied by the required bid security; and (iii) conforms to all the terms, conditions and specifications of the bidding documents, without material deviation or reservation. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the works; (ii) which limits in any substantial way, inconsistent with the bidding documents, the procuring agency's rights or the bidder's obligations under the contract; or (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids"* Un-quote

For the responsiveness study following were examined, reviewed and evaluated:

- a) Eligibility Documents (PEC, History of Non Performing Contracts, Litigation)
- b) Annual Construction Turn Over
- c) Net Worth and Net Working Capital
- d) Cash Flow & Current Commitment
- c) Work Schedule
- f) Method Statement
- g) Organization Chart
- h) Mobilization Programme

Based on the standard procedures, Check lists have been prepared, one for each of the bidders, of the documents submitted by them. The results of responsiveness study are summarized in below table:

S.No	Description	M/s Umer Jan	M/s Hji Siraj	M/s NKB
1	Valid registration of PEC	Registered	Provided	Registered
2	Non Performance	Nil	Nil	Nil
3	Litigation	Nil	Nil	Nil
4	Annual Construction Turn Over (PKR 800 million)	PKR 1,349 million	PKR 1,210 million	PKR 2,140 million
5	Net Worth (PKR 140 million)	PKR 736 million	ZERO	PKR 1,282 million
6	Net Working Capital (PKR 70 million)	PKR 594 million	PKR 73 million	PKR 963 million
7	Cash Flow	Available	Available	Available
8	Work Schedule	Not as per requirement	Provided of other project	OK
9	Method Statement	Not Appropriate, Also, methodology for bridge construction not provided	OK	OK but of some other project
10	Organization Chart	OK	OK	OK

Above table shows deficiency in the bids submitted by the three bidders. However, to declare the bids responsive or otherwise, the Instruction to Bidders Clause IB 26.4 was studied which states

Quote

*"If a bid has major deviations to the commercial requirements and technical specifications will be considered technically non responsive. As a general rule, major deviations are those that if accepted, would not fulfil the purposes for which the bid is requested, or would prevent a fair comparison or affect the ranking of the bids that are compliant with the bidding documents.*

**(A). Major (material) Deviations include:-**

- (i) *has been not properly signed;*
- (ii) *is not accompanied by the bid security of required amount and manner;*
- (iii) *stipulating price adjustment when fixed price bids were called for,*
- (iv) *failing to respond to specifications;*
- (v) *failing to comply with Mile-stones/Critical dates provided in Bidding Documents;*
- (vi) *sub-contracting contrary to the Conditions of Contract specified in Bidding Documents;*
- (vii) *refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;*
- (viii) *taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;*
- (ix) *a material deviation or reservation is one :*

- (a) which affect in any substantial way the scope, quality or performance of the works;
- (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

**(B) Minor Deviations**

*Bids that offer deviations acceptable to the Procuring Agency and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.\* Un-quote*

Based on above evaluation and in light of Clause IB 26.4, assessment of the responsiveness of each of the bids received is as follows:

S.#	Name of Bidders	Status of Bid
1.	Umer Jan & Company	Substantially Responsive
2.	Haji Sirajuddin	Non Responsive
3.	Niaz Mohammad Khan & Brothers	Substantially Responsive

**3.3 Conclusion**

It was concluded by the Consultants that further detailed evaluation shall be carried out of all the Bidders having submitted Responsive and/or substantially responsive bids. However, only for comparison purposes, bid of Haji Sirajuddin was also evaluated.

## 4. DETAILED EVALUATION

### 4.1 *Introduction*

This section of the report presents the detailed evaluation of bids to determine the corrected bid prices through arithmetic check. Because of the excessive variations in prices evidenced in the evaluation of bids, a general comparison is considered useful for guidance and reference purposes. Result of this general comparison, aimed at highlighting relative variations between individual bidder's prices as well as relative to the Engineer's estimates, is offered in the ensuing Section 4.3.

### 4.2 *Arithmetical Check of Responsive Bids*

Bids have been checked for arithmetic errors and rectified on the basis of Clause ITB 27 of Instructions to Bidders, which provides:

Quote

*"27.1 Bids determined to be substantially responsive will be checked by the procuring agency for any arithmetic errors. Errors will be corrected by the procuring agency as follows:*

- (a) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and*
- (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the procuring agency there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern, and the unit rate will be corrected.*

*27.2 The amount stated in the Bid will be adjusted by the procuring agency in accordance with the above procedure for the correction of errors and, with the concurrence of the bidder. The amount thus corrected shall be considered as binding upon the bidder. If the bidder does not accept the corrected bid price, his bid will be rejected, and the bid security shall be forfeited in accordance with Sub-Clause 15.6(b) hereof." Un-Quote*

An arithmetical check of the Bidders' BOQ has been carried out and prices corrected in accordance with the procedure provided in IB Clause 27 above. The results are attached at the end of this report.

### 4.3 *Evaluation of Bids*

The evaluation of bids has been carried out in accordance with Clause IB 28 of Instruction to Bidders, which provides;

Quote

*"28.1 The procuring agency will evaluate and compare only the Bids determined to be*

substantially responsive in accordance with clause IB 26.

28.2 In evaluating the Bids, the procuring agency will determine for each bid the evaluated bid price by adjusting the bid price as follows:

- (a) making any correction for errors pursuant to clause IB 27;
- (b) excluding provisional sums (if any), for contingencies in the Summary Bill of Quantities, but including competitively priced Day work; and
- (c) making an appropriate adjustment for any other acceptable variation or deviation.\* Un-Quote

The detailed evaluation of all bids is placed at Table 4.1 and 4.2 and the resulting corrected bid price of each bidder for this contract package thereby emerge out as follows;

1. M/s Umer Jan & Comapny

▪ Quoted Price	...	Rs. 1,298,050,420
▪ Correction	...	Rs. (-) 160,000
▪ Corrected Price	...	Rs. 1,297,890,420
▪ Discount	...	9.21% on Bill 1 to Bill 6 items & Day Works
▪ Amount of Discount	...	Rs. (118,264,728)
▪ <b>Final Corrected/ Discounted Price</b>	...	<b>Rs. 1,179,625,692</b>

2. M/s Haji Sirajuddin

▪ Quoted Price	...	Rs. 1,345,899,595
▪ Correction	...	Rs. (+) 116,284,464
▪ Discount	...	NIL
▪ <b>Final Corrected/ Discounted Price</b>	...	<b>Rs. 1,462,184,059</b>

3. M/s Niaz Mohammad Khan & Brothers

▪ Quoted Price	...	Rs. 1,295,858,635
▪ Correction	...	Rs. (+) 6,400
▪ Corrected Price	...	Rs. 1,295,865,035
▪ Premium	...	4% on Bill 1 to Bill 6 Items
▪ Amount of Premium	...	Rs. 51,056,501
▪ <b>Final Corrected/ Increased Price</b>	...	<b>Rs. 1,346,921,536</b>

The evaluation of bids carried out on above parameters has caused no change to the ranking of lowest bidder.

#### 4.4 Comparison of Bids

##### 4.4.1 General Price Comparison

A general Price comparison is undertaken based on corrected prices exhibited in the preceding section. Bidder's price variations are calculated relative to the Engineer's Estimate.

The comparison is illustrated in Tables 4.1 for assessment of Price distribution and variation trends.

##### 4.4.2 Item-wise Comparison of BOQ Prices

Table 4.2 list the variation of corrected prices of all the bidders (Responsive/Substantially Responsive) from the Engineer's Estimate.

The Findings are as follows:

Sr. #	Bidder's Name	Engineer's Estimate (Rs)	Corrected/Discounted Bid Price (Rs)	Variation From Engineer's Estimate (%age)
1.	M/s Umer Jan	1,058,405,182	1,179,625,692	+ 11.45
2.	M/s Haji Sirajuddin		1,462,184,059	+ 38.15
3.	M/s Niaz Mohammad Khan & Brothers (NKB)		1,346,921,536	+ 27.26

#### 4.5 Comparison of Significant Pay Items

Comparison of significant works items included in the BOQ is given in Table 4.3. Table 4.3 shows the trend in pricing the rates of significant items.

## **5. SUMMARY AND RECOMMENDATIONS:**

### **5.1 *General***

Bids were received and opened on July 26, 2012. Three (03) Bidders submitted the bids. The bid evaluation has been carried out in accordance with SPPRA Rules and procedure provided in Instructions to Bidders. Following the examination and responsiveness study, all the bids were found Responsive/substantially Responsive with some minor deficiencies and deviations.

### **5.2 *Summary of Detailed Evaluation***

The comparison of bid prices of all the bidders with Engineer's Estimate are presented in section 4.4 above. M/s Umer Jan's bid is found lowest. The final price of M/s Umer Jan & Company is as under:

**Contract Package I                      Rs. 1,179,625,692**

### **5.3 *Recommendations By the Consultants***

On the basis of examination of the terms and conditions of the Bidding Documents, considering effect of labour & fuel escalation which is not reimbursable to the successful bidder as per the Conditions of Contract, non payable items of engineer's facilities, unavailability of sand in the close vicinity of the project area and the evaluation of bids carried out herein above, the Consultants are recommending:

"Recommends awarding Contract Package I to M/s Umer Jan & Company at his corrected Bid Price stated in section 5.2 above on the terms and conditions stipulated in the Bidding Documents."

### **5.4 *Submission By the Consultants***

The Bid Evaluation Report is being submitted to Procurement Committee for review, consideration and approval please.




**Team Leader  
EA Consulting (Pvt) Limited**

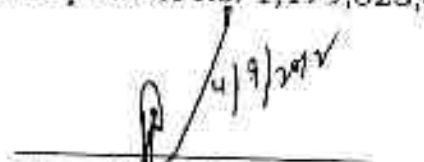


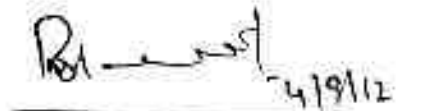
**5.5 Recommendation by the Procuring Committee**

The Bid Evaluation Report submitted by the Consultants was reviewed by the Procuring Committee and found that the evaluation and preparation of Bid Evaluation Report are in line with the Procurement Procedures laid down in SPPRA Rules and in Instructions to Bidders.


The Committee also found the recommendation of the Consultants satisfactory for award of the Contract to the lowest bidder M/s Umer Jan & Company at his final corrected/discounted price of Rs. 1,179,625,692.

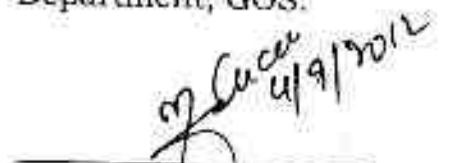
  
Chief Engineer, 4/9/12  
Sindh Coal Authority


  
Superintending Engineer,  
Sindh Coal Authority

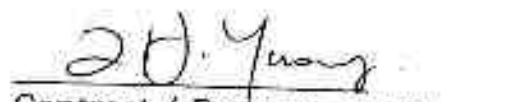
  
Nominee of the Planning &  
Development Dept., GOS

  
Nominee of Finance  
Department, GOS.

  
Executive Engineer,  
Sindh Coal Authority

  
Divisional Account,  
Officer, Sindh Coal Authority

  
The Engineer (Team Leader),  
EA Consulting (Pvt.) Ltd.

  
Contract / Procurement Engr.,  
EA Consulting (Pvt.) Ltd.

  
**Chairman/Additional Secretary**  
**Coal & Energy Development Department, GoS, Karachi**

**TABLES**

**TABLE No. 4.1**

**GENERAL RATES & PRICE  
COMPARISON**

WIDENING AND IMPROVEMENT OF ROAD FROM KARACCHI TO WANGO MOR  
VIA THATA, SUAWAL, BADIN INCLUDING BY PASSES ( 215 km )  
CONTRACT PACKAGE 1: WANGO MOR TO KHOSKI

COMPARISON OF RATES & PRICE

Table 4.1

Pay Item No.	Item Description	Unit	Estimated Quantities	Engineer's Estimate Rate	Amount	Unit Rate	Assess	Rate	Amount	Rate	Amount	
<b>BILL NO. 1: EARTHWORKS</b>												
101	Cleaning and grubbing	Sq m	41,000	19.91	1,611,006	2.00	162,000	10.44	843,640	10.00	410,000	
102a	Removal of trees, 130-300 mm girth	Each	30	133.34	16,651	100.00	5,000	366.00	16,300	400.00	20,000	
103	Setpoint	Cu m	64,000	173.87	11,235,782	100.00	6,400,000	192.00	12,288,000	80.00	5,210,000	
104	Excavation and Disposal of Unusable Common Material	Sq m	3,08,500	26.19	6,472,910	2.00	636,000	16.50	5,412,000	10.00	3,280,000	
106a	Excavation and Disposal of Unusable Common Material	Cu m	3,000	256.08	768,252	130.00	1,050,000	202.50	607,500	200.00	600,000	
106b	Formation of Embankment from Borrow Excavation in common Material (in Sit	Cu m	47,000	135.98	16,639,919	700.00	32,900,000	366.00	17,202,000	340.00	15,940,000	
106c	Formation of Embankment from Borrow Excavation in common Material	Cu m	518,400	333.98	183,501,677	450.00	231,280,000	166.00	189,734,000	340.00	176,256,000	
110	Improved subgrade	Cu m	55,900	319.93	19,002,188	350.00	30,785,000	400.00	22,360,000	340.00	19,005,000	
<b>TOTAL BILL NO. 1: EARTHWORK</b>					<b>239,417,452</b>		<b>305,198,000</b>		<b>348,667,840</b>		<b>221,072,000</b>	
<b>BILL NO. 2: STR BASE AND BASE COURSES</b>												
201	Granular Sub-Base	Cu m	48,700	1,650.54	71,446,384	1,800.00	87,660,000	3,033	1,47,707,100	3,033.00	1,47,707,100	
202	Aggregate Base Course	Cu m	17,000	2,187.65	80,943,028	2,700.00	99,000,000	3,670	1,15,700,000	3,600.00	133,200,000	
203b	Aggregate Base Course Final Mix (Class B)	Cu m	1,160	14,417.57	16,529,823	16,000.00	114,560,000	16,429	117,631,640	16,400.00	117,434,000	
209b	Sandification of Existing Road Pavement	Sq m	3,640	41.43	241,879	40.00	233,600	15.70	91,628	20.00	116,800	
<b>TOTAL BILL NO. 2: STR BASE &amp; BASE COURSES</b>					<b>262,361,114</b>		<b>340,353,600</b>		<b>405,220,438</b>		<b>398,447,900</b>	
<b>BILL NO. 3: SUBPAVING</b>												
302b	Bonduous Prime Coat	Sq m	89,410	36.83	6,868,941	40.00	5,364,000	36	3,218,360	90.00	8,066,960	
303b	Bonduous Top Coat	Sq m	91,670	28.81	2,640,628	40.00	3,666,800	36	3,300,120	40.00	3,666,800	
304a	Double Surface Treatment in Shoulders	Sq m	34,000	213.38	15,335,168	250.00	13,500,000	331	17,874,000	130.00	17,480,000	
305a	Aggregate Concrete for Wearing Course (Class B)	Cu m	4,500	16,286.45	14,814,457	18,500.00	84,915,000	20,384	91,562,560	20,200.00	92,716,000	
<b>TOTAL BILL NO. 3: SUBPAVING</b>					<b>99,689,214</b>		<b>107,446,400</b>		<b>117,954,440</b>		<b>122,251,700</b>	
<b>BILL NO. 4A: BOX CULVERTS</b>												
107a	Structural Excavation in Common Material	Cu m	5,244	363.81	1,384,958	240.00	1,239,520	293	1,527,158	293.00	1,327,168	
107b	Structural Backfill using Common Material	Cu m	2,649	175.71	465,458	400.00	1,059,600	193	511,257	193.00	511,257	
401a(1)	Concrete Class A3 (Underground)	Cu m	1,234	11,645.08	14,253,574	14,000.00	17,136,000	12,362	15,620,688	12,767.00	15,620,688	
401f	Lean Concrete	Cu m	295	6,568.70	3,937,177	6,500.00	1,917,500	2,396	2,122,820	7,196.00	2,122,820	
404b	Reinforcement as per AASHTO M31 Grade 60	Ton	142	126,171.12	17,916,206	125,000.00	17,750,000	134,270	19,614,340	138,270.00	19,614,340	
404a	Pre moulded Joint Filler with 1mm Thick Bituminous Joint Seal	Sq m	65	763.10	49,601	800.00	52,000	816	54,340	816.00	54,340	
406a(1)	Pre moulded Joint Filler with Polyurethane Joint Seal	Kg	1,132	2,340.00	2,385,480	1,600.00	1,845,200	1,600	1,843,200	1,600.00	1,843,200	
509a	Bit Res. Class A	Cu m	217	1,940.87	4,259,885	2,500.00	592,500	2,127	504,099	2,127.00	504,099	
<b>TOTAL BILL NO. 4A: BOX CULVERTS</b>					<b>39,957,540</b>		<b>41,618,320</b>		<b>41,817,912</b>		<b>41,817,912</b>	
<b>BILL NO. 4B: BRIDGE (Repair Work) AT Km : 3-500</b>												
401a(1)	Concrete Class A1 (On Ground)	Cu m	16	10,771.75	387,733	11,000.00	196,000	11,803	474,989	11,070.00	398,520	
404b	Bridge Exposed on Joint (N27 OR Equivalent)	M	40	86,800.00	3,472,000	200,000.00	8,000,000	2,001.52	8,016,000	187,830.00	1,513,200	
404c	Reinforcement as per AASHTO M31 Grade 60	Ton	6	126,171.12	757,027	123,000.00	750,000	118,270	829,620	129,630.00	777,780	
509c	Bit Res. Class A	Cu m	250	1,913.86	478,464	1,500.00	835,000	2,097	524,250	1,870.00	492,500	
509e	Graded Rip Saw Class B	Cu m	219	4,580.75	1,084,759	4,500.00	1,072,500	5,020	1,199,780	4,710.00	1,125,690	
<b>TOTAL BILL NO. 4B: BRIDGE (Repair Work) AT Km : 3-500</b>					<b>6,390,074</b>		<b>11,096,500</b>		<b>10,992,710</b>		<b>10,307,690</b>	

WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGCO MOR  
VIA TRATTA, SUWAL, BADDI INCLUDING BY PASSES (225 km)  
CONTRACT PACKAGE 1: WANGCO MOR TO KHOSKI

COMPARISON OF RATES & PRICE

Table 4.1

Pay Item No.	Item Description	Unit	Estimated Quantity	Engineer's Estimate Rate	Amount	Unit Price	Amount	Haji Shauddin Rate	Amount	Peer M Khan & Brothers Rate	Amount
BILL NO.40: BRIDGE (Repair Work) AT Km 4+300											
401a(i)	Concrete Class A1 (On Ground)	Cum	36	10,771.76	387,783	11,000.00	396,300	11,803	424,980	11,070.00	398,520
406a	Bridge Expansion Joint (300 OR Equivalent)	M	30	86,800.00	2,604,000	200,000.00	6,000,000	200,132	6,010,560	187,830.00	5,634,900
406b	Reinforcement as per AASHTO M1 Grade 60	Ton	6	126,111.17	757,620	125,000.00	750,000	138,276	829,620	120,632.00	717,780
509c	Ground Rip Rap Class B	Cum	239	4,580.75	1,094,799	3,500.00	836,500	2,091	501,183	1,970.00	470,830
509e	Rip Rap Class C	Cum	230	1,913.83	478,463	4,500.00	1,125,000	3,021	1,253,000	4,710.00	1,177,500
TOTAL BILL NO.40: BRIDGE (Repair Work) AT Km 4+300					5,322,673		9,107,500		9,011,343		4,497,500
BILL NO.40: BRIDGE STRUCTURE @ Km 7+504 (00.21.30.30.30m Span)											
107a	Structural Reinforcement in Concrete Material	Cum	330	265.81	87,717	270.00	87,500	291	96,030	273.00	90,090
107d	General Backfill	Cum	35	1,345.13	47,100	2,000.00	70,000	1,415	51,675	1,383.00	48,405
107e	Concrete Backfill	Cum	290	175.11	50,956	400.00	116,000	393	53,970	181.00	52,490
401a(i)	Concrete Class A1 (On Ground)	Cum	35	10,771.76	377,032	13,000.00	385,000	11,805	413,175	13,067.00	387,245
401a(ii)	Concrete Class A1 (Reinforced)	Cum	100	18,784.54	1,784,454	12,500.00	1,250,000	12,915	1,291,500	12,107.00	1,210,700
401a(iii)	Concrete Class A1 (Reinforced)	Cum	873	13,164.24	11,518,707	14,000.00	12,230,000	16,427	12,623,625	13,325.00	11,814,175
401f	Lean Concrete Foundation and/or Guide Course Bed	Cum	62	6,366.70	407,135	6,500.00	403,000	7,195	446,152	6,747.00	418,314
401g	Extra Over Class A1 with SR Cement	Q.M	15	224.62	3,369	480.00	7,200	480	7,200	480.00	6,750
404a	Reinforcement as per AASHTO M 31 Grade 40	Ton	1	122,737.42	132,757	122,000.00	122,000	123,570	123,570	115,850.00	115,850
404b	Reinforcement as per AASHTO M 31 Grade 60	Ton	225	126,171.17	28,388,313	125,000.00	28,125,000	130,276	31,110,750	129,630.00	29,160,750
404c	Galvanized Mild Steel	Ton	0.5	140,000.00	42,000	150,000.00	45,000	168,000.00	30,510	157,800.00	47,340
405a	Pre-stressed Concrete Member, 1' Span 21 m	Each	4	637,000.00	2,628,000	820,000.00	3,280,000	844,433	3,377,748	845,437.00	3,377,748
406a(i)	Pre-cast Joint Filler with Poly sulphide Joint Seal	Each	16	876,000.00	14,016,000	440,000.00	4,400,000	1,376,972	21,211,532	440,000.00	21,180,588
406e	Expansion Bearing Pads (According to size and thickness)	Sq. ft	1,600	2,240.00	3,584,000	1,600.00	2,560,000	1,600	2,560,000	1,500.00	2,400,000
407a	Cast in place Concrete Pile (dia 1000 mm)	Cum	284,000	3.90	1,029,125	4.00	1,056,000	4	1,056,000	4.00	1,056,000
407b	Pile Load Test to 2.5 times the design load	Each	845	16,535.00	13,972,076	36,000.00	30,420,000	36,578	30,920,410	34,292.00	28,976,740
509c	Ground Rip Rap Class B	Each	1	1,120,000.00	1,120,000	920,000.00	920,000	920,913	910,913	863,358.00	859,338
509e	Ground Rip Rap Class C	Each	165	4,580.75	755,824	2,500.00	412,500	5,028	828,300	4,708.00	776,490
509f	Pile Integrity Testing	Each	165	1,913.80	313,786	3,500.00	577,500	2,097	346,009	1,966.00	325,390
SP-10	PVC sleeve pipes with CAT of 6m and wall thickness as shown on drawings	M	24	4,480.00	107,520	16,000.00	384,000	16,000	384,000	15,000.00	360,000
SP-13	Permanent Steel Casing including all fixtures (wall thickness as per drawing)	M	160	915.38	146,462	800.00	128,000	800	128,000	750.00	120,000
SP-14	Bridge Expansion Joint (NFI OR Equivalent)	M	63	80,800.00	5,468,400	200,000.00	12,600,000	200,132	12,622,176	187,830.00	11,833,290
SP-15	Exploratory / Confirmation boring and Testing in Dry / Wet Area including Geog	Job	2	215,600.00	431,200	4,800.00	9,600	48,116	97,632	45,763.00	91,510
SP-16	Providing and Fixing drainage Pipe in Bridge Deck with steel Grating (G.I. Pipe)	M	100	1,316.00	131,600	400.00	40,000	4,000	40,000	1,290.00	129,000
SP-17	TOTAL BILL NO.40: BRIDGE STRUCTURE @ Km 7+504 (00.21.30.30.30m Span)				88,769,713		123,643,300		128,794,845		123,244,343

WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR  
 VIA THAITTA, SUAWAL, BADIN INCLUDING BY PASSES (225 km)  
 CONTRACT PACKAGE I: WANGO MOR TO KHOSKI

COMPARISON OF RATES & PRICE

Table 4.1

Pay Item No.	Item Description	Unit	Estimated Quantities	Engineer's Estimate Rate	Assess	Rate	Unit Rate		Egg Structure		Near M Khan & Brothers	
							Amount	Rate	Amount	Rate	Amount	Rate
<b>BILL NO.47: BRIDGE STRUCTURE @ Km 23-400 (4 - 21m Span)</b>												
107a	Structural Reinforcement in Common Material	Cu.m	130	265.81	87,117	250.00	82,500	291	96,010	273.00	90,090	
107b	Granular Backfill	Cu.m	30	1,345.75	40,372	2,000.00	60,000	1,475	44,250	1,383.00	41,490	
107c	Common Backfill	Cu.m	210	175.71	40,434	4,000.00	920,000	193	44,390	1,81.00	41,630	
401a1a	Concrete Class A1 (On Ground)	Cu.m	35	10,271.76	377,012	11,000.00	385,000	11,805	413,175	11,067.00	387,145	
401a1b	Concrete Class A2 (Reinforced)	Cu.m	15	11,784.54	176,768	12,500.00	187,500	12,015	193,225	12,107.00	181,805	
401a1c	Concrete Class A3 (Elevated)	Cu.m	125	13,164.24	1,645,530	14,000.00	1,750,000	14,427	1,801,375	13,575.00	1,690,635	
401f	Lean Concrete (Foundation and/or Grader Casting Bed)	Cu.m	14	6,566.70	91,924	6,500.00	91,000	7,196	100,744	6,147.00	94,438	
402a	Extra Over Cast A1 with SR Cement	Cu.m	3	224.62	674	480.00	1,440	480	1,440	450.00	1,350	
402b	Reinforcement as per AASHTO M. 31 Grade 40	Tons	0.2	112,757.42	22,557	122,000.00	24,400	133,570.0	24,714	113,830.00	23,270	
404b	Reinforcement/As per AASHTO M. 31 Grade 60	Tons	43	136,173.17	5,823,540	135,000.00	5,815,000	139,270	5,945,610	139,630.00	5,574,090	
404c	Galvanized Metal Sheet	Tons	0.1	140,000.00	42,000	150,000.00	45,000	168,268.0	50,510	157,400.00	47,340	
405a	Pre-stressed Concrete Beams, Span 21 m	Each	4	657,000.00	2,628,000	850,000.00	3,280,000	844,417	3,377,248	844,437.00	3,272,748	
405a(1)	Pre-cast Joint Filler with Polyethylene Joint Seal	Rg	220	2,340.00	716,800	1,600.00	1,120,000	1,600	512,000	1,500.00	480,000	
406	Pre-cast Joint Filler (According to size and thickness)	Cu.m	43,000	3.90	167,134	4.00	192,000	4	192,000	4.00	192,000	
407d	Cast in place Concrete Pile (dia. 750 mm)	M	270	10,601.44	2,862,930	23,000.00	6,210,000	23,836	6,433,720	24,800.00	6,090,000	
407e	Pile Load Test to 2.5 times the design load	Each	1	1,120,000	1,120,000	920,000.00	920,000	920,013	920,915	863,338.00	863,338	
409e	Ground Rip Rap Class B	Cu.m	165	4,580.75	755,824	3,500.00	412,500	3,020	828,300	4,700.00	776,490	
509e	Rip Rap Class C	Cu.m	165	1,913.86	315,780	3,100.00	517,500	2,097	324,300	1,966.00	324,300	
SP-10	Pile Integrity Testing	Barb	4	4,440.00	17,760	16,000.00	64,000	800	40,000	7,500.00	37,500	
SP-13	PVC sleeve pipes with CAP of dia end wall thickness as shown on drawings	M	50	915.34	45,769	800.00	40,000	800	40,000	7,500.00	37,500	
SP-14	Permanent Steel Casing including all fixtures (wall thickness as per drawings)	Tons	4	150,000.00	600,000	400,000.00	1,600,000	454,000	1,824,000	427,500.00	1,710,000	
SP-15	Bridge Expansion Joint (NPT CR Equivalent)	M	21	80,800.00	1,872,800	200,000.00	4,200,000	200,332	4,207,392	387,830.00	3,944,410	
SP-16	Expansion / Contraction bearing and Testing in Dry / Wet Area including Geot	Sq. M	2	215,600.00	431,200	4,800.00	9,600	48,816	97,632	45,765.00	97,530	
SP-17	Providing and fixing drainage Pipe in Bridge Deck with steel Grating (G.I Pipe)	M	10	1,316.00	13,160	400.00	4,000	4,000	40,000	1,750.00	17,500	
<b>TOTAL BILL NO.47: BRIDGE STRUCTURE @ Km 23-400 (4 - 21m Span)</b>						<b>19,485,533</b>		<b>27,007,440</b>		<b>27,667,675</b>	<b>26,824,139</b>	
<b>BILL NO.48: BRIDGE STRUCTURE @ Km 23-400 (4 - 21m Span)</b>												
107d	Structural Reinforcement in Common Material	Cu.m	330	265.81	87,117	250.00	82,500	291	96,010	273.00	90,090	
107e	Granular Backfill	Cu.m	30	1,345.75	40,372	2,000.00	60,000	1,475	44,250	1,383.00	41,490	
401a1c	Concrete Class A1 (On Ground)	Cu.m	210	175.71	40,434	4,000.00	920,000	193	44,390	1,81.00	41,630	
401a1d	Concrete Class A2 (Reinforced)	Cu.m	35	10,271.76	377,012	11,000.00	385,000	11,805	413,175	11,067.00	387,145	
401a1e	Concrete Class A3 (Elevated)	Cu.m	55	11,784.54	648,149	12,500.00	687,500	12,915	710,325	12,107.00	665,185	
401a1f	Lean Concrete (Foundation and/or Grader Casting Bed)	Cu.m	650	13,164.24	8,556,754	14,000.00	9,140,000	14,427	8,309,470	13,575.00	8,250,290	
401b	Form Over Class A1 with SR Cement	Cu.m	37	6,566.70	243,968	6,500.00	240,500	7,196	266,212	6,747.00	249,619	
402a	Extra Over Cast A1 with SR Cement	Cu.m	10	224.62	2,246	480.00	4,800	480	4,800	450.00	4,500	
402b	Reinforcement as per AASHTO M. 31 Grade 40	Tons	0.46	112,757.42	45,103	122,000.00	48,800	137,570.00	49,428	113,830.00	46,340	
404b	Reinforcement/As per AASHTO M. 31 Grade 60	Tons	132	126,171.17	16,654,595	135,000.00	10,500,000	138,270	18,251,640	129,630.00	17,111,160	
404c	Galvanized Metal Sheet	Tons	0.50	140,000.00	42,000	150,000.00	45,000	168,268.00	50,510	157,400.00	47,340	
405a	Pre-stressed Concrete Beams, Span 21 m	Each	16	657,000.00	10,512,000	820,000.00	13,120,000	844,417	13,210,992	844,437.00	12,960,000	
406	Pre-cast Joint Filler with Polyethylene Joint Seal	Kg	646	2,340.00	1,411,600	1,600.00	1,024,000	1,600	1,024,000	1,500.00	960,000	
407d	Cast in place Concrete Pile (dia. 750 mm)	Cu.m	192,000	3.90	748,320	4.00	768,000	4	768,000	4.00	768,000	
<b>TOTAL BILL NO.48: BRIDGE STRUCTURE @ Km 23-400 (4 - 21m Span)</b>						<b>23,736,935</b>	<b>21,000,000</b>	<b>23,836</b>	<b>6,197,260</b>	<b>24,800.00</b>	<b>5,448,000</b>	

WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANCO MOR  
VIA THATA, SUJAWAL, BADDI INCLUDING BY PASSES ( 225 km )  
CONTRACT PACKAGE I, WANCO MOR TO KHOSKI

COMPARISON OF RATES & PRICE

Pay Item No.	Item Description	Unit	Estimated Quantity	Contractor's Estimate Rate	Amount	Rate	Time Jaa	Amount
407a	Pile Load Test in 2.5 times the design load (1500 DN)	M	100	33,265.23	3,326,523	37,000.00	3.700	3,700,000.00
509c	Grounded Rip Rap Class B	Each	1	1,120,000	1,120,000	920,000.00	920	920,000.00
509e	Rip Rap Class C	Cu cm	165	4,580.75	755,824	2,500.00	412	675,000.00
5P-10	Pile Integrity Testing	Each	105	1,913.86	201,955	3,500.00	377	391,500.00
5P-13	PVC sleeve pipes with CAP of dia and wall thickness as shown on drawings.	M	11	4,480.00	49,280	16,000.00	176	189,600.00
5P-14	Permanent Steel Casing including all fixtures (wall thickness as per drawing)	M	200	915.34	183,077	800.00	160	160,000.00
5P-15	Bridge Expansion Joint (HR) OR Equivalent	Tons	9	150,000.00	1,350,000	400,000.00	3,600	3,600,000.00
5P-16	Exploratory / Confirmatory boring and Testing in Dry / Wet Area including Geog Job	M	51	86,800.00	4,500,400	200,000.00	10,600	10,600,000.00
5P-17	Providing and Tying drainage Pipe in Bridge Deck with steel Casing (G.I Pipe)	M	2	215,600.00	431,200	4,800.00	92	92,000.00
TOTAL BILL NO.40: BRIDGE STRUCTURE @ Km 14+937 (2 - 21m Span)					35,536,119			67,741.7
101a	Structural Excavation in Common Material	Cum	310	263.81	87,711	250.00	82.5	82,500.00
107d	Gravel Backfill	Cum	16	1,345.75	40,372	2,000.00	80.0	80,000.00
107e	Common Backfill	Cum	330	125.71	40,494	400.00	92.0	92,000.00
401a1a	Concrete Class A1 (On Ground)	Cum	35	19,771.76	377,612	13,000.00	385.9	385,900.00
401a1b1	Concrete Class A1 (Revised)	Cum	30	11,784.34	353,536	17,500.00	375.0	375,000.00
401a311	Concrete Class A3 (Electrod)	Cum	320	15,164.24	4,212,556	16,000.00	4,480.0	4,480,000.00
401f	Lean Concrete Foundation and / or Cinder Casing (Reef)	Cum	22	6,566.70	144,467	6,500.00	141.0	141,000.00
401e	Extra Over Class A1 with SR Capcot	Cum	5	224.62	1,123	480.00	2.4	2,400.00
404e	Reinforcement as per AASHTO M 31 Grade 60	Tons	0.20	112,757.42	22,551	122,000.00	24.4	24,400.00
404c	Reinforcement as per AASHTO M 31 Grade 60	Tons	70	126,171.17	8,831,982	125,000.00	8,795.0	8,795,000.00
404c	Galvanized Mild Steel	Tons	0.10	140,000.00	47,000	150,000.00	45.0	45,000.00
405a	Precast Pre-stressed Concrete Member, Span 31 m	Each	8	657,000.00	5,256,000	820,000.00	6,560.0	6,560,000.00
406a	Precast Pre-stressed Concrete Member, Span 31 m	Each	320	2,240.00	716,800	1,600.00	312.0	312,000.00
406a	Elaborate Bearing Pad (According to size and thickness)	Cum	96,000	3.90	374,227	4.00	384.0	384,000.00
407d	Cast in place Concrete Pile (dia. 760 mm)	M	215	10,603.44	2,915,947	23,800.00	6,325.0	6,325,000.00
407d	Cast in place Concrete Pile (dia. 1500 mm)	M	40	33,303.23	1,334,809	37,000.00	1,480.0	1,480,000.00
407b	Pile Load Test to 2.5 times the design load (1500 DN)	Each	1	1,120,000	1,120,000	920,000.00	920.0	920,000.00
509c	Grounded Rip Rap Class B	Cu cm	165	4,580.75	755,824	2,500.00	412.0	412,000.00
509e	Rip Rap Class C	Cu cm	165	1,913.86	315,786	3,500.00	377.0	377,000.00
5P-10	Pile Integrity Testing	Each	9	4,480.00	40,320	5,000.00	144.0	144,000.00
5P-13	PVC sleeve pipes with CAP of dia and wall thickness as shown on drawings.	M	84	915.34	76,892	800.00	67.2	67,200.00
5P-14	Permanent Steel Casing including all fixtures (wall thickness as per drawing)	Tons	8	150,000.00	1,200,000	400,000.00	3,000.0	3,000,000.00
5P-15	Bridge Expansion Joint (HR) OR Equivalent	M	12	86,800.00	2,777,600	200,000.00	6,400.0	6,400,000.00
5P-16	Exploratory / Confirmatory boring and Testing in Dry / Wet Area including Geog Job	M	2	215,600.00	431,200	4,800.00	92.0	92,000.00
5P-17	Providing and Tying drainage Pipe in Bridge Deck with steel Casing (G.I Pipe)	M	15	1,316.00	19,740	400.00	6.0	6,000.00
TOTAL BILL NO.40: BRIDGE STRUCTURE @ Km 14+937 (2 - 21m Span)					31,488,675			41,417.10

WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGU MOR  
VIA THATA, SUAWAL, BAPUN INCLUDING BY PASSES ( 225 km )  
CONTRACT PACKAGE I : WANGU MOR TO KHORSKI

COMPARISON OF RATES & PRICE

Table 4.1

Pay Item No.	Item Description	Unit	Estimated Quantities	Engineer's Estimate Rate	Amount	User Fee Rate	Amount	Haajji Sirajuddin Rate	Amount	Niaz M Khan & Brothers Rate	Amount	
BILL NO.4G: BRIDGE STRUCTURE @ Km 14+937 (2 - 21m Span)												
107a	Structural Reinforcement in Common Material	Cum	130	365.81	81,711	250.00	82,500	291	95,030	273.00	90,090	
107d	Granular Backfill	Cum	30	1,345.72	40,372	2,000.00	60,000	1,475	44,230	1,383.00	41,490	
107e	Common Backfill	Cum	230	175.11	40,414	400.00	92,000	197	44,390	181.00	41,610	
401a1ii	Concrete Class A1 (On Ground)	Cum	230	10,772.76	177,012	11,000.00	385,000	11,805	413,175	11,067.00	387,245	
401a1iii	Concrete Class A1 (Elevated)	Cum	30	11,784.54	353,534	12,500.00	375,000	12,915	387,450	12,107.00	383,210	
401a1iii	Concrete Class A1 (Elevated)	Cum	220	13,164.24	4,212,516	14,000.00	4,480,000	14,427	4,610,640	13,535.00	4,328,000	
401f	Lean Concrete (Foundation and / or Guide Casting Bed)	Cum	22	6,586.70	144,467	6,500.00	143,000	7,196	158,312	6,747.00	148,434	
401h	Extra Over Class A1 with SR Cement	Cum	3	224.62	1,123	480.00	2,400	480	2,400	480.00	2,250	
404a	Reinforcement as per AASHTO M 31 Grade 40	Tons	0.20	112,757.42	22,551	122,000.00	24,400	123,570.00	24,714	115,850.00	21,170	
404b	Reinforcement as per AASHTO M 31 Grade 60	Tons	70	126,771.17	8,831,982	175,000.00	8,750,000	118,270	9,878,900	129,630.00	9,074,100	
404c	Galvanized Mild Steel	Tons	0.30	140,000.00	42,000	130,000.00	65,000	168,368.00	50,210	157,800.00	47,310	
404s	Precast Pre-stressed Concrete Member, Span 21 m	Each	4	657,000.00	5,256,000	820,000.00	6,580,000	144,417	6,755,496	644,457.00	6,735,496	
406a	Promouled Joint Filler with Polyethylene Joint Seal	Kg	320	2,340.00	716,800	1,600.00	512,000	1,600	512,000	1,500.00	480,000	
406a	Expansion: Bearing Pads (According to size and thickness)	Cu cm	96,000	1.92	174,227	4.00	384,000	4	384,000	4.00	384,000	
407d	Cart in place Concrete Pile (dia. 760 mm)	M	275	10,801.44	2,971,947	23,000.00	6,327,000	23,836	6,534,900	24,800.00	6,820,000	
407d	Cart in place Concrete Pile (dia. 760 mm)	M	40	23,265.21	1,334,609	37,000.00	1,480,000	37,149	1,485,900	77,808.00	1,112,320	
407e	Pile Load Test in 3 times the design load (1:200 Dial)	Each	1	1,120,000	1,120,000	920,000.00	920,000	920,915	920,915	863,358.00	863,358	
509e	Grounded Rip Rap Class B	Cu cm	165	4,580.75	753,766	3,500.00	577,500	2,097	346,005	4,706.00	776,490	
509e	Grounded Rip Rap Class B	Cu cm	165	4,580.75	753,766	2,500.00	412,500	5,020	828,300	4,706.00	776,490	
509e	Grounded Rip Rap Class C	Cu cm	165	1,913.86	315,786	3,500.00	577,500	2,097	346,005	4,706.00	776,490	
509e	Grounded Rip Rap Class C	Cu cm	165	1,913.86	315,786	3,500.00	577,500	2,097	346,005	4,706.00	776,490	
509e	Pile Integrity Testing	Each	11	4,480.00	49,280	16,000.00	176,000	10,000	116,000	15,000.00	165,000	
509e	Pile Integrity Testing	Each	11	4,480.00	49,280	16,000.00	176,000	10,000	116,000	15,000.00	165,000	
509e	PVC sleeve pipes with CAP of 6m and wall thickness as shown on drawings	M	200	915.28	183,057	800.00	160,000	800	160,000	750.00	150,000	
509e	Permanent Steel Casing including all fixtures (wall thickness as per drawing)	Tons	9	120,000.00	2,350,000	400,000.00	3,600,000	456,000	4,104,000	427,500.00	3,687,500	
509e	Bridge Expansion Joint (NPT OR Equivalent)	M	33	86,800.00	4,600,400	200,000.00	10,600,000	200,352	10,618,656	187,830.00	9,954,990	
509e	Exploratory / Confirmatory boring and Testing in Dry / Wet Area including Casing Providing and Fixing drainage Pipe in Bridge Deck with steel Casing (G.I. Pipe)	Job	2	213,500.00	431,200	4,800.00	9,600	48,816	97,632	43,765.00	91,330	
509e	Exploratory / Confirmatory boring and Testing in Dry / Wet Area including Casing Providing and Fixing drainage Pipe in Bridge Deck with steel Casing (G.I. Pipe)	M	20	1,116.00	22,320	480.00	9,600	4,800	9,600	3,250.00	71,000	
TOTAL BILL NO.4G: BRIDGE STRUCTURE @ Km 14+937 (2 - 21m Span)					53,430,119		87,741,700		71,378,030		43,839,453	
BILL NO.4G: BRIDGE STRUCTURE @ Km 14+937 (2 - 21m Span)												



WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR  
 VIA THATA, SUAWAL, BAHIN INCLUDING BY PASSES ( 225 Km )  
 CONTRACT PACKAGE 1 : WANGO MOR TO KHOSKI

COMPARISON OF RATES & PRICE

Table 4.1

Pay Item No.	Item Description	Unit	Estimated Quantity	Engineer's Estimate Rate	Amount	Enter Jas Rate	Amount	Hajj Strajuddin Rate	Amount	Muz M Khaw & Brothers Rate	Amount	
												Address
BILL NO. 48: BRIDGE STRUCTURE @ Km 18+235 ( 2 - 21m Span)												
107a	Structural Excavation in Common Material	Cu m	130	265.81	87,717	250.00	82,500	291	96,030	273.00	90,092	
107b	Common Backfill	Cu m	30	1,345.75	40,372	2,000.00	60,000	1,475	44,250	1,383.00	41,490	
407a(i)	Concrete Class A1 (On Ground)	Cu m	230	175.71	40,414	400.00	92,000	193	44,390	181.00	41,630	
407a(ii)	Concrete Class A1 (Reinforced)	Cu m	35	10,717.76	377,012	11,000.00	385,000	11,805	413,175	11,067.00	387,343	
407a(iii)	Concrete Class A3 (Reinforced)	Cu m	30	12,784.54	353,536	12,500.00	375,000	12,915	387,450	12,107.00	365,210	
407b	Lean Concrete (Pavement and/or Grade Casting Bed)	Cu m	330	13,164.24	4,212,536	14,000.00	4,480,000	14,627	4,616,640	13,525.00	4,328,000	
407c	Form Over Class A1 with SR Cement	Cu m	22	6,566.70	144,467	6,500.00	143,000	7,196	158,312	6,747.00	144,424	
407d	Reinforcement as per AASHTO M 11 Grade 40	Tons	5.00	224.62	1,123.10	480.00	2,400	480.00	2,400	450.00	2,250	
407e	Reinforcement as per AASHTO M 11 Grade 60	Tons	0.20	112,757.42	22,551	122,000.00	24,400	123,570.00	24,714	115,850.00	23,170	
407f	Galvanized Mild Steel	Tons	70.00	126,171.17	8,811,982	125,000.00	8,750,000	138,270.00	9,678,900	129,650.00	9,074,100	
407g	Precast Pre-stressed Concrete Pipe, Span 21 m	Each	8.00	140,000.00	42,000	155,000.00	43,000	164,508.00	50,510	157,800.00	47,340	
407h	Precast Pre-stressed Concrete Pipe, Span 21 m	Each	8.00	657,000.00	5,256,000	820,000.00	6,560,000	844,437.00	6,755,496	844,437.00	6,755,496	
407i	Elastomeric Bearing Pads (According to size and thickness)	Cu m	320	2,240.00	716,800	1,600.00	512,000	1,600	512,000	1,500.00	480,000	
407j	Cast in place Concrete Pile (dia. 760 mm)	M	95,000	3.90	374,227	4.00	384,000	4	384,000	4.00	384,000	
407k	Pile Load Test to 2.5 times the design load (1500 Tons)	M	275	10,605.44	2,913,947	23,000.00	6,315,000	23,836	6,554,900	24,000.00	6,822,000	
407l	Grouted Top Rip Class B	Each	40	33,305.23	1,332,209	57,000.00	1,480,000	37,130	1,486,000	77,808.00	1,112,520	
407m	Rip Rip Class C	Cu m	1	1,120,000	1,120,000	920,000.00	920,000	920,915	920,915	461,538.00	863,558	
407n	Pile Integrity Testing	Each	165	4,540.75	755,824	2,500.00	412,500	5,020	828,500	4,706.00	776,490	
407o	PVC sleeve pipes with CAP of dia and wall thickness as shown on drawings	Each	9	4,480.00	40,320	15,000.00	134,000	2,097	346,005	1,966.00	374,390	
407p	Permanent Steel Casing (including all fixtures (wall thickness as per drawing))	M	8	150,000.00	1,200,000	400,000.00	3,200,000	456,000	3,648,000	427,500.00	1,420,000	
407q	Bridge Expansion Joint (NFI CR Equivalent)	M	23	85,200.00	2,777,600	200,000.00	4,600,000	200,152	4,611,264	387,830.00	6,010,560	
407r	Provision and Testing of Vicinity drainage Pipe in Bridge Deck with steel Grating (G 1 Ped)	M	2	223,600.00	431,200	4,800.00	9,600	48,815	97,632	45,785.00	91,570	
TOTAL BILL NO. 48: BRIDGE STRUCTURE @ Km 18+235 ( 2 - 21m Span)					31,488,675		41,937,100		43,732,483		43,839,453	
BILL NO. 5: DRAINAGE & EROSION WORKS												
107a	Structural Excavation in Common Material	Cu m	11,470	265.81	3,048,813	250.00	2,867,500	291	3,337,770	273.00	1,111,310	
107b	Common Backfill	Cu m	400	1,345.75	1,076,581	2,000.00	1,600,000	1,475	1,380,000	1,383.00	1,206,400	
407a(i)	Concrete Class A-1	Cu m	1,400	175.71	245,994	400.00	560,000	193	270,200	181.00	253,400	
407a(ii)	Concrete Class A-3	Cu m	40	10,717.76	430,511	11,000.00	440,000	11,250	450,500	10,547.00	422,880	
407b	Lean Concrete	Cu m	4	11,643.08	46,580	13,000.00	52,000	13,317	33,248	12,484.00	49,976	
407c	Form Over Class A1 with SR Cement	Cu m	20	6,566.70	131,324	6,500.00	130,000	7,196	141,910	6,747.00	134,580	
407d	Reinforcement as per AASHTO M 11 Grade 40	Tons	0.610	126,171.17	1,262	125,000.00	1,250	138,270	1,383	128,600.00	1,296	
407e	Reinforcement as per AASHTO M 11 Grade 60	Tons	480	2,445.19	1,173,693	2,500.00	1,200,000	2,580	1,286,400	2,510.00	1,205,760	
407f	Rip Rip Class B	M	1,320	1,066.92	1,280,308	800.00	960,000	800	960,000	750.00	900,000	
407g	Concrete Class B in bedding and Encasement of Concrete Pipe Culvert	Cu m	60	8,878.98	532,739	10,000.00	600,000	10,241	634,640	9,691.00	575,080	
407h	Rip Rip Class B	Cu m	31,400	1,801.49	56,559,746	3,500.00	116,900,000	2,084	69,605,600	1,954.00	52,265,600	
407i	Filter Layer of Synthetic Material	Cu m	7,970	1,406.16	11,198,896	2,000.00	15,960,000	16,200	129,134,000	1,522.00	12,122,370	
TOTAL BILL NO. 5: DRAINAGE & EROSION WORKS					83,374,817		141,298,750		207,017,001		85,166,952	

BILL NO. 6: ANCILLARY WORKS

WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR  
 VIA THATTA, SUJAWAL, BADIN INCLUDING BY PASSES ( 225 km )  
 CONTRACT PACKAGE I: WANGO MOR TO KHOSKA

**COMPARISON OF RATES & PRICE**

Pay Item No.	Item Description	Unit	Estimated Quantities	Engineer's Rate	Contractor's Estimate Amount	Rate	Umer Tax Amount	Haji Sirajuddin Rate	Amount
601a (ii)	Precast Kerb in concrete class A-1 of size 450x150 mm (class-c) including concrete	M	1,400	1,237.76	9,128.64	1,000.00	7,400.00	1,356	10,036
604a	Metal Guard Rail	M	8,534	1,047.75	26,070.454	3,000.00	25,662.000	3,340	28,575
604b	Metal Guard Rail End Posts	Each	37	2,334.94	71,518	3,500.00	80,000	2,449	78
604d	Steel joint of metal guard rail	Each	4,509	8,839.51	39,857.622	5,000.00	22,545,000	9,587	43,676
607a	Road Sign Category-1	Each	40	13,463.08	538,523	10,000.00	400,000	14,754	590
607b	Road Sign Category-2	Each	13	17,773.75	609,176	15,000.00	385,000	19,478	719
607d	Road Sign Category-3(c)	Each	2	17,584.47	34,729	30,000.00	60,000	44,928	89
607e	Road Sign Category-3(d)	Each	11	29,600.43	325,605	45,000.00	440,000	73,280	804
608g	Pavement Marking with Reflection TP Paint for Lanes (22cm Wide)	M	3,400	118.13	402,402	120.00	408,000	162	550
608j	Yellow Lines	M	19,850	118.35	2,343,358	120.00	2,394,000	162	3,207.6
608k	Eventual marking in reflective TP paint for 4.0 m arrows	Each	75	1,201.09	127,582	1,500.00	112,500	1,404	139.2
609d	Reinforced 25mmnt Stud (Raised Profile Type-Double)	Each	1,620	592.23	1,071,459	500.00	1,080,000	452	1,174.4
<b>TOTAL BILL NO. 6: ANCILLARY WORKS</b>					<b>80,695,431</b>		<b>61,148,500</b>		<b>89,679.1</b>

WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR  
 VIA THATTA, SEAWAL, BADIN INCLUDING BY PASSES (225 km.)  
 CONTRACT PACKAGE I : WANGO MOR TO KHOSKI

**COMPARISON OF RATES & PRICE**

**Table 4.1**

Pay Item No.	Item Description	Unit	Estimated Quantity	Engineer's Estimate Rate	Amount	Linear Jan		Half Stripwidth		Near M. Khaw & Brothers	
						Rate	Amount	Rate	Amount	Rate	Amount
601d (a)	Precast Kerb in concrete class A-1 of size 450x150 mm (class-c) including covers	M	7,400	1,237.76	9,159,435	1,000.00	7,400,000	1,356	10,014,400	1,147.00	8,783,800
604a	Metal Guard Rail	M	8,554	3,047.75	26,070,454	3,000.00	25,662,000	3,340	28,570,360	2,923.00	25,008,342
604b	Metal Guard Rail End Pieces	Each	32	2,214.94	71,118	2,500.00	80,000	2,449	78,368	2,143.00	68,576
604d	Steel post of metal guard rail	Each	4,299	8,139.57	39,857,611	5,000.00	22,545,000	9,687	43,078,680	8,436.00	38,218,284
607a	Road Sign Category-1	Each	40	11,463.08	598,523	15,000.00	600,000	14,794	590,160	12,910.00	516,400
607b	Road Sign Category-2	Each	39	12,773.75	693,176	15,000.00	585,000	14,794	739,642	12,043.00	664,677
607d	Road Sign Category-3(c)	Each	3	17,364.47	52,093	30,000.00	60,000	44,926	89,852	39,330.00	78,650
607e	Road Sign Category-3(f)	Each	11	29,690.43	326,605	40,000.00	440,000	73,290	306,080	64,120.00	705,370
608g	Prevent Marking with Reflective TP Paint for Lines (2mm Wide)	M	3,405	118.15	402,462	120.00	408,600	162	550,800	142.00	482,800
608j	Prevent Marking with Reflective TP Paint for Arrows	M	19,800	118.35	2,343,198	120.00	2,376,000	162	3,207,600	142.00	2,811,600
609M	Refracted Placement Sand (Raised Profile Type-Double)	Each	75	1,701.09	127,582	1,500.00	112,500	1,464	138,800	1,631.00	122,325
609N	Refracted Placement Sand (Raised Profile Type-Single)	Each	1,400	595.23	1,073,409	600.00	1,080,000	652	1,173,600	571.00	1,077,800
<b>TOTAL BILL NO. 6: ANCILLARY WORKS</b>					<b>80,695,833</b>		<b>61,148,500</b>		<b>69,479,343</b>		<b>78,483,544</b>

**CALCULATION  
OF  
CORRECTED PRICES**

**TABLE NO. 4.2**

**CONTRACT PACKAGE 1 : WANGO MOR TO KHOSKI  
CORRECTED PRICE**

TABLE 4.2

ITEM	DESCRIPTION	PRICE			
		Engineer Estimate (Rs.)	Umer Jan (Rs.)	Haji Siraj (Rs.)	NKB (Rs.)
BILL 1 - EARTHWORKS		239,417,482	305,198,000	248,487,840	221,072,000
BILL 2 - SUBBASE AND BASE COURSES		282,361,218	302,353,600	401,220,428	396,447,800
BILL 3 - SURFACE COURSES AND PAVEMENT		99,555,234	107,848,400	117,955,440	122,201,700
BILL 4A - CULVERTS		39,057,540	43,610,320	41,817,912	41,817,912
BILL 4B - BRIDGES		6,190,074	11,096,600	10,982,710	10,307,680
BILL 4C - BRIDGES		5,322,073	9,107,500	8,021,343	8,489,530
BILL 4D - BRIDGES		88,789,713	123,843,200	129,794,845	123,244,143
BILL 4E - BRIDGES		19,485,553	27,007,440	27,667,875	26,824,139
BILL 4F - BRIDGES		53,830,118	67,741,700	71,278,030	72,658,119
BILL 4G - BRIDGES		31,458,875	41,437,100	43,732,443	43,839,453
BILL 4H - BRIDGES		31,488,675	41,437,100	43,732,483	43,819,453
BILL 5 - DRAINAGE AND EROSION CONTROL WORKS		83,274,817	141,288,780	207,017,001	85,166,952
BILL 6 - ANCILLARY WORKS		80,895,832	81,148,500	88,078,345	78,483,544
BILL 7 - ENGINEER'S FACILITIES		13,800,000	13,800,000	13,800,000	13,800,000
Day Works		3,564,210	3,564,210	8,006,862	6,862,500
Premium or Deduct Discount			- 9.21% on Bill 1 - 6 & Day Works	Nil	+ 4% on Bill 1 - 8
Amount of Premium/Discount			(118,284,728)		51,056,301
TOTAL		1,036,405,182	1,179,825,692	1,482,184,059	1,348,921,538
VARATION FROM ENGINEER'S ESTIMATE			14.49%	38.16%	27.26%

**COMPARISON  
OF  
SIGNIFICANT PAY ITEMS**

**TABLE NO. 4.3**

**CONTRACT PACKAGE I : WANGO MOR TO KHOSKI  
COMPARISON OF RATES OF SIGNIFICANT ITEMS**

**Table 4.3**

Pay Item No.	Item Description	Unit	Engineer's Estimate Rate	Owner Jan (Discounted) Rate	Haji Sirajuddin Rate	NKB (Premium) Rate
108c	Formation of Embankment from Borrow Excavation in common Material (in Sand )	Cum	351.98	635.51	366	353.60
108c	Formation of Embankment from Borrow Excavation in common Material	Cum	353.98	408.56	366	353.60
110	Improved subgrade	Cum	339.93	499.35	400	353.60
201	Granular Sub-Base	Cum	1,600.54	1,634.22	3,033	3,154.32
202	Aggregate Base Course	Cum	2,187.65	2,451.33	3,670	3,744.00
203b	Asphaltic Base Course Plant Mix (Class B)	Cum	14,417.57	14,526.40	16,429	17,056.00
305a	Asphaltic Concrete for Wearing Course (Class B)	Cum	16,299.45	16,796.15	20,384	21,008.00
401a1ii	Concrete Class A1 (On Ground)	Cum	10,771.76	9,986.90	11,805	11,509.68
401a1iii	Concrete Class A1 (Elevated)	Cum	11,784.54	11,348.75	12,915	12,591.28
401a3(i)	Concrete Class A3 (Underground)	Cum	11,645.08	12,710.60	12,762	13,272.48
401a3iii	Concrete Class A3 (Elevated)	Cum	13,164.24	12,710.60	14,427	14,066.00
401f	Lean Concrete (Foundation and / or Girder Casting Bed)	Cum	6,566.70	5,901.35	7,196	7,016.88
404b	Reinforcement as per AASHTO M31 Grade 60	Ton	126,171.17	113,487.50	138,270	143,800.80
405a	Precast Pre-stressed Concrete Member, i Span 21 m	Each	657,000.00	744,478.00	844,437	878,214.48
	ii Span 30 m	Each	876,000.00	1,180,270.00	1,326,972	1,377,264.72
407d	Cast in place Concrete Pile i (dia. 760 mm)	M	10,603.44	20,881.70	23,836	25,792.00
	ii (dia. 1500 mm)	M	33,365.23	33,592.30	37,149	80,920.32
SP-14	Permanent Steel Casing including all fixtures (wall thickness as per drawing)	Tons	150,000.00	363,160.00	456,000	444,600.00
SP-15	Bridge Expansion Joint ( NFI OR Equivalent )	M	86,800.00	181,580.00	200,352	195,343.20
509a	Rip Rap Class A	Cum	1,940.87	2,269.75	2,127	2,212.08
509b	Rip Rap Class "B"	Cum	1,901.49	3,177.65	2,084	2,032.16
509c	Grouted Rip Rap Class B	Cum	4,580.75	4,085.55	5,020	4,898.40
509c	Rip Rap Class C	Cum	1,913.85	4,085.55	5,020	4,898.40

## LIST OF PARTICIPANTS

MEETING OF PROCUREMENT COMMITTEE UNDER THE CHAIRMANSHIP OF  
ADDITIONAL SECRETARY, C&EDD / CHAIRMAN, PROCUREMENT COMMITTEE  
HELD ON 4<sup>TH</sup> SEPTEMBER, 2012 AT 1500 HRS. TO DISCUSS & FINALIZE THE  
EVALUATION REPORT OF BID OF THE FOLLOWING ROAD WORKS:-

- (1) Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot upto Wango Mor Including Bypasses (225 Kms.) – Phase-I
  - (i) Contract Package – I (CP-I)
  - (ii) Contract Package – II (CP-II)
  
- (2) Widening and Improvement of Road from Wango Mor to Thar Coalfield Area via Mithi, Islamkot (134 Kms.) – Phase-II
  - (i) Contract Package – I (CP-I)
  - (ii) Contract Package – II (CP-IV)

S. No.	NAME & DESIGNATION	SIGNATURE
1.	Dr. Abdul Rauf Siddiqi Addl. Secretary, (C&ED)	A R 4/9/12
2.	Engr. Hassan Ali Munir, CE, SCA	H A M 4/9/12
3.	Engr. Ahsan Ali Sheikh, SE, SCA	A A S 4/9/12
4.	M. M. Akhtar, ACE, (OPRNG DSC, DEPT)	M M A 4/9/12
5.	Zahir Ahmed Sheikh, XEN, SCA	Z A S 4/9/12
6.	Mahamud Fikrullah Khan, Div. Asst. Engr, SCA	M F K 4/9/12
7.	Rux Ali, ABRO, Team Leader AAA-ECL	R A 4/9/12
8.	A. Anwar Khureshi, Contract Engineer AAA ECL	A A K 4/9/12
9.	M. Siddiq Sulaiman, TL, FA	M S S 4/9/12
10.	Zeeshaan Hasan Yusuf, Contract Engr, EA	Z H Y 4/9/12
11.	Bishari. Munir Channa	B M C 4/9/12
12.	Abi Abbas Abro, XEN, SCA	A B A 4/9/12





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 Licence No. 09, Sher. No. 16 Block-14,  
 Karim Plaza, Gulshan-e-Iqbal, Karachi

039083 Centre  
 SYED WAJAHAT AL  
 Advocate

## CONTRACT AGREEMENT.

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the 19<sup>th</sup> day of November, 2012 between Sindh Coal Authority (hereafter called the "Procuring Agency") of the one part and M/s. Zarghoon Enterprises (Pvt) Ltd (hereafter called the "Contractor") of the other part.

WHEREAS the Procuring Agency is desirous that certain works, viz. Construction of Nindo and Radin Bypasses in all respect including repair/rehabilitation/reconstruction of structures (Culverts & Bridges) from Nari Goth to Goth Hassan Mangro, Contract Package No. SCA/Phase I/CP-II should be executed by the Contractor and has accepted a bid of Rs. 1,015,475,510/- (Rs. One Billion, Fifteen Million, Four Hundred Seventy Five Thousand, Five Hundred and Ten only), offered by the Contractor for the execution and completion of such works and the remedying of any defects therein.

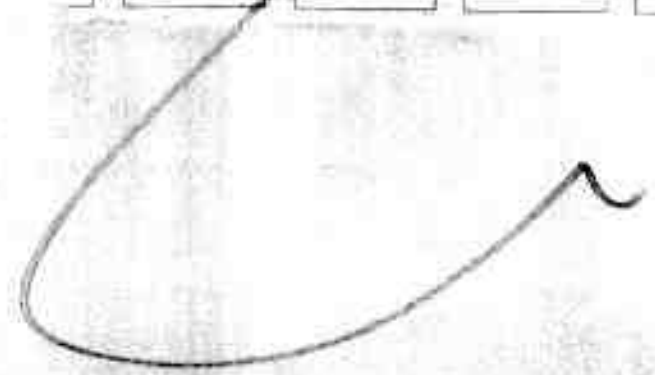
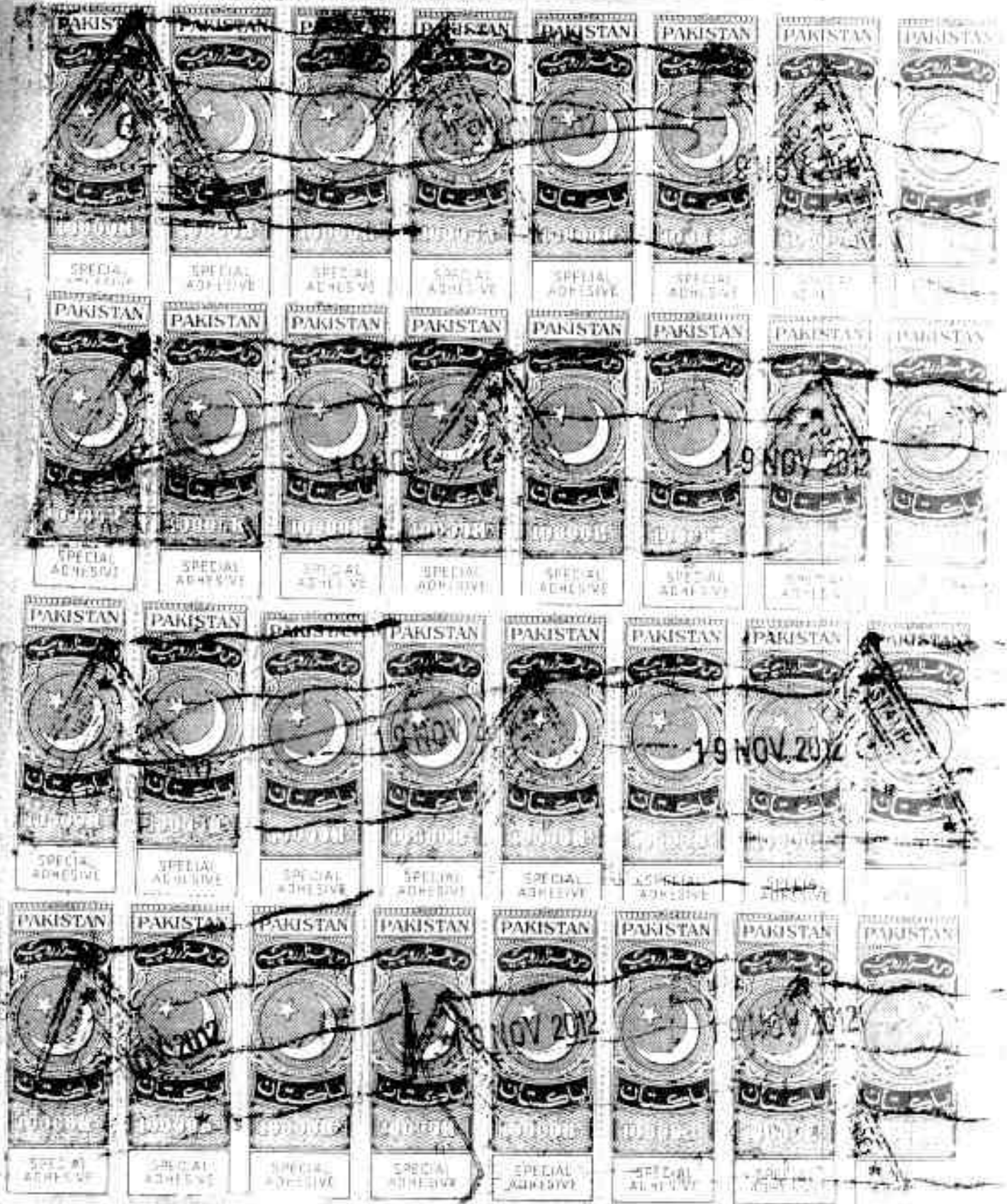
NOW this Agreement witnesseth - as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any, except those parts relating to Instructions to bidders shall be deemed to form and be read and construed as part of this Agreement, viz:
  - (a) The Contract Agreement;
  - (b) The Letter of Acceptance;
  - (c) The completed Form of Bid;
  - (d) Special Stipulations (Appendix-A to Bid);
  - (e) The Special Conditions of Contract - Part II;
  - (f) The General Conditions - Part I;
  - (g) The completed Appendices to Bid (B, C, E to I);
  - (h) The Drawings;
  - (i) Special provisions;
  - (j) Addenda to NHA General Specifications 1998;
  - (k) The NHA General Specifications;
  - (l) The priced Bill of Quantities (Appendix-D to Bid);
  - (m) Addendum issued by the Procuring Agency during bidding process.

In consideration of the payments to be made by the procuring agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the procuring agency to execute and complete the works and remedy defects therein or conformity and in all respects with the provisions of the contract.

Agreement between Director General, Sindh Coal Authority and M/s. Zarghoon Enterprises (Pvt) Ltd

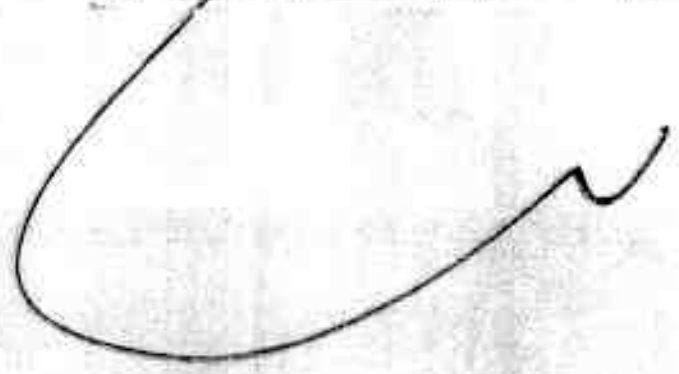
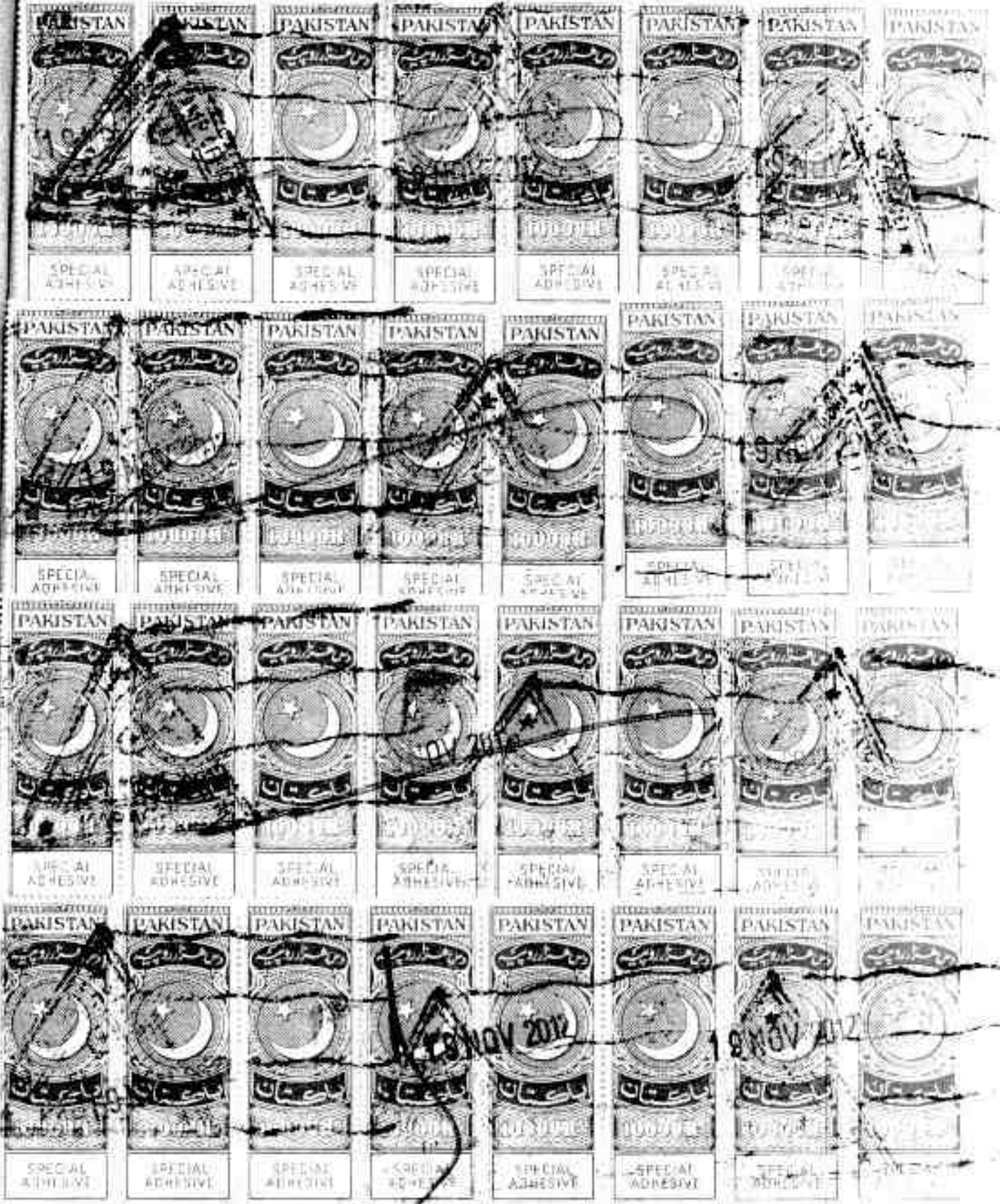
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Contract Package No: SCA/Phase-1/CP-II



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Agreement between Director General, Sindh Coal Authority and M/s. Zarghoon Enterprises (Pvt) Ltd

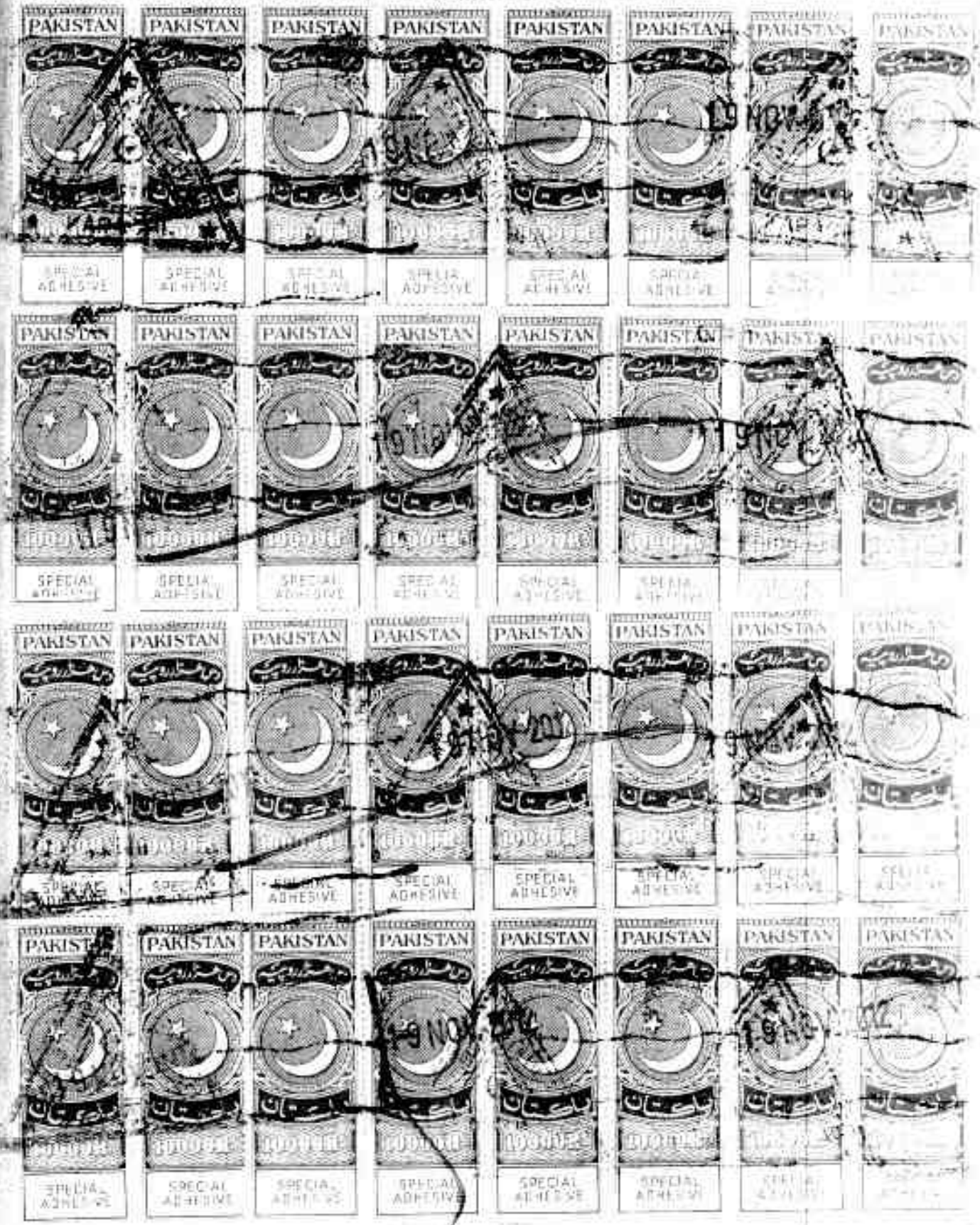
Name of work : Construction of Nindo and Badin Bypasses in all respect including repair/ rehabilitation/ reconstruction of structures (Culverts & Bridges) from Nori Goth to Goth Hassan Mangrio  
Contract Package No. SCA/Phase 1/CP-II



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Agreement between Director General, Sindh Coal Authority and M/s. Zarghoon Enterprises (Pvt) Ltd

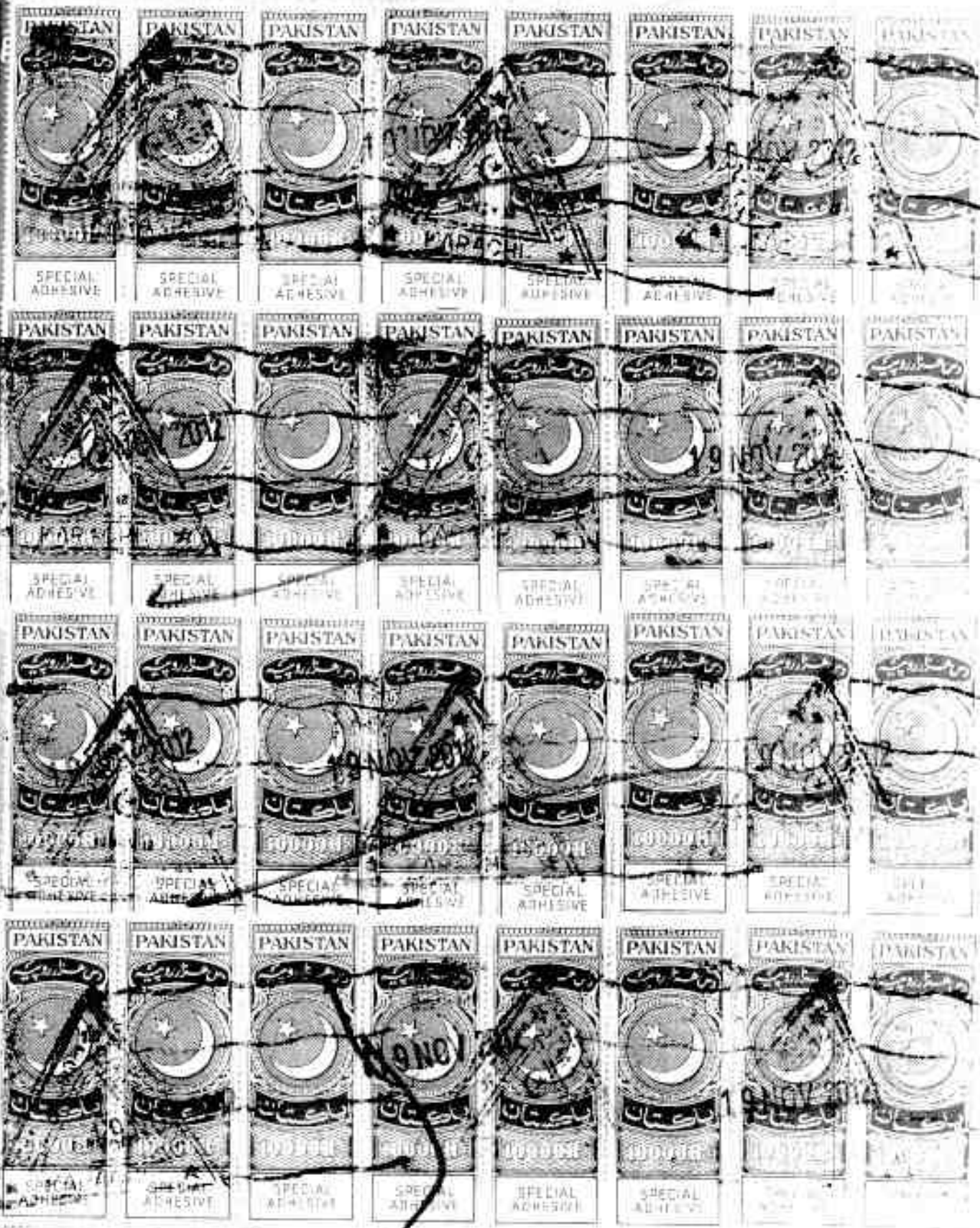
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Contract Package No: SCA/Phase 1/CP-II



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Agreement between Director General, Sindh Coal Authority and M/s. Zarghoon Enterprises (Pvt) Ltd

Name of work: Construction of Nindo and Badin Bypasses in all respect including repair/ rehabilitation/ reconstruction of structures (Culverts & Bridges) from Nori Goth to Goth Hassan Mangrio  
Contract Package No SCA/Phase 1/CP-II



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Agreement between Director General, Sindh Coal Authority and M/s. Zarghoon Enterprises (Pvt) Ltd

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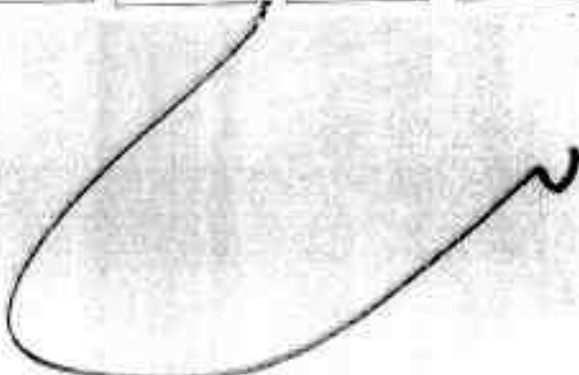


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Agreement between Director General, Sindh Coal Authority and M/s. Zarghoon Enterprises (Pvt) Ltd

Name of work Construction of Nindo and Badin Bypasses in all respect including repair/ rehabilitation/ reconstruction of structures (Culverts & Bridges) from Nori Goth to Goth Hassan Mangrio  
Contract Package No. SCA/Phase 1/CP-II



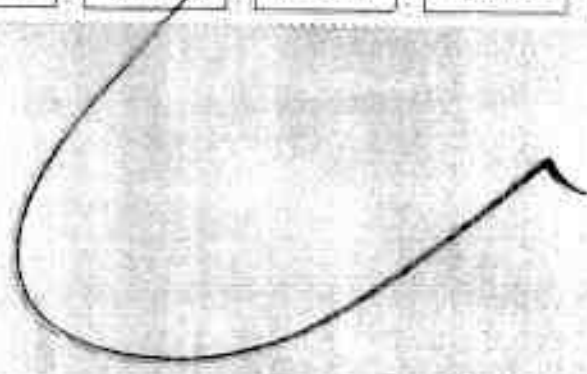
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Agreement between Director General, Sindh Coal Authority and M/s. Zarghoon Enterprises (Pvt) Ltd

Name of work: Construction of Nindo and Badin Bypasses in all respect including repair/ rehabilitation/ reconstruction of structures (Culverts & Bridges) from Nori Goth to Goth Hassan Mangro.  
Contract Package No: SCA/Phase 1/CP-II



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Agreement between Director General, Sindh Coal Authority and M/s. Zarqhoon Enterprises (Pvt) Ltd

Name of work : Construction of Nindo and Badin Bypasses in all respect including repair/ rehabilitation/ reconstruction of structures (Culverts & Bridges) from Non Goth to Goth Hassan Mangric.  
Contract Package No: SCA/Phase 1/CP-II

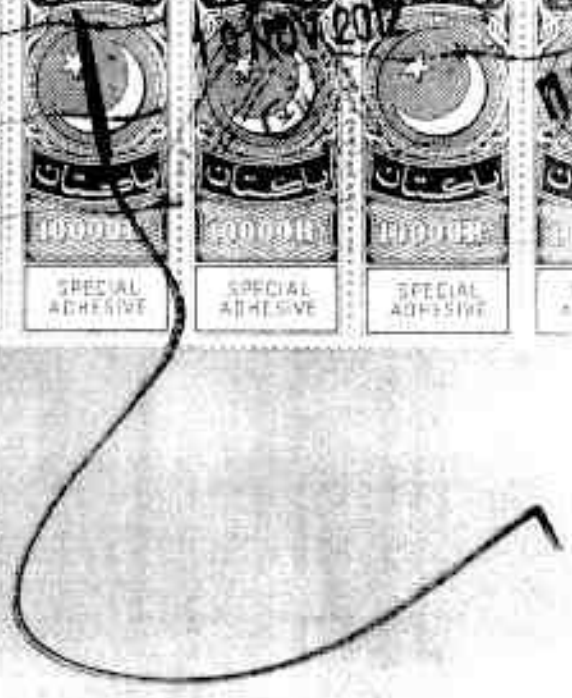


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Agreement between Director General, Sindh Coal Authority and M/s. Zarghoon Enterprises (Pvt) Ltd

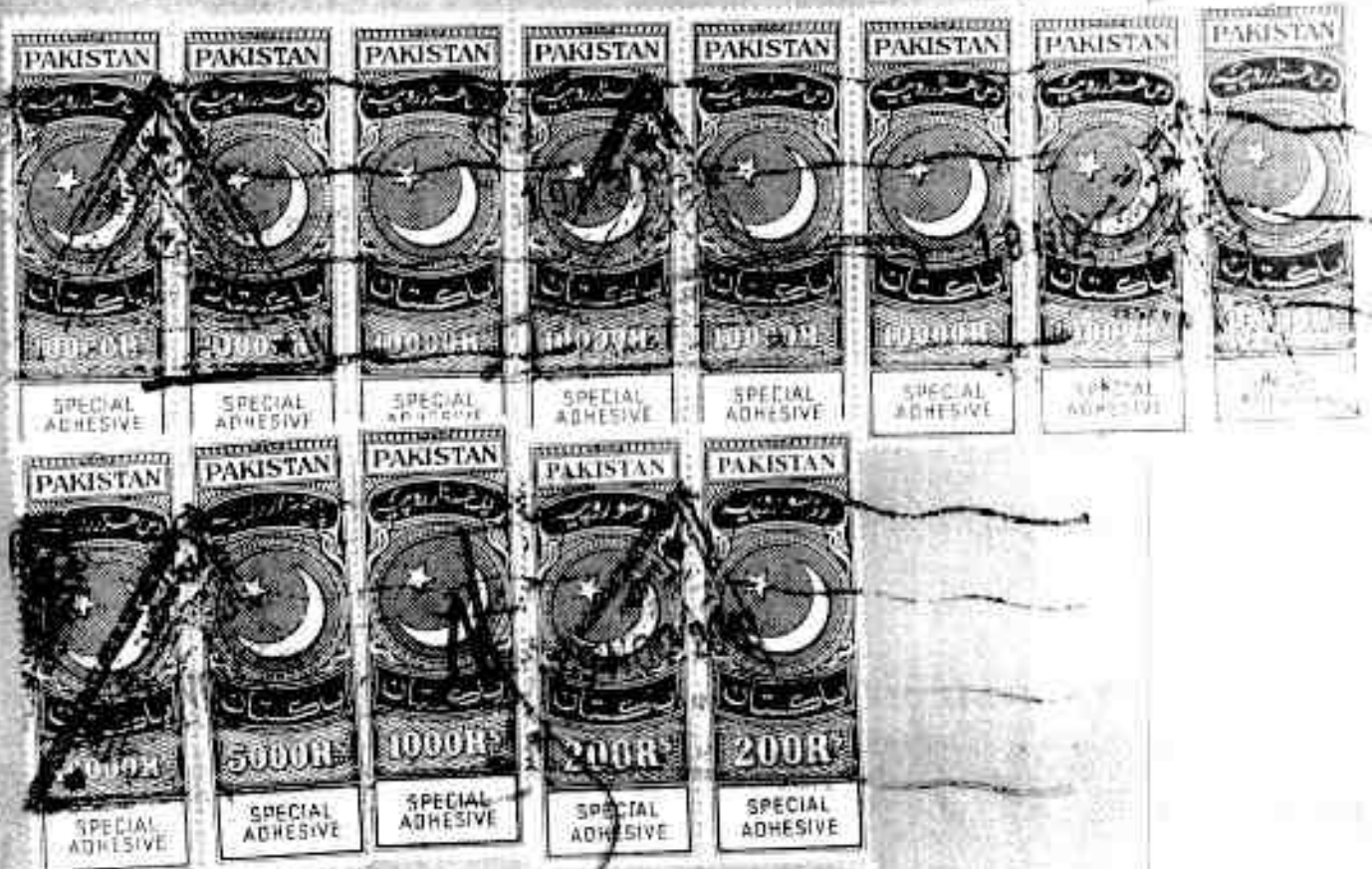
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Contract Package No: SCA/Phase I/CP-II



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Agreement between Director General, Sindh Coal Authority and M/s. Zarghoon Enterprises (Pvt) Ltd

Name of work: Construction of Nindo and Badin Bypasses in all respect including repair/ rehabilitation/ reconstruction of structures (Culverts & Bridges) from Nori Goth to Goth Hassan Mangrio  
Contract Package No: SCA/Phase 1/CP-II



ASSISTANT 3 PERMITTED TO STAMP  
STAMP OFFICE, CITY COURT  
KARACHI

19 NOV 2012

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*[Signature]*  
Director General  
Sindh Coal Authority  
Government of Sindh  
Karachi



**Agreement between Director General, Sindh Coal Authority and M/s. Zarghoon Enterprises (Pvt) Ltd**

Name of work : Construction of Nindo and Badin Bypasses in all respect including repair/ rehabilitation/ reconstruction of structures (Culverts & Bridges) from Nori Goth to Goth Hassan Mangrio  
Contract Package No. SCA/Phase 1/CP-II

Bank of Pakistan  
Cheque No. 90466  
Amount Rs. 027000/- (Two Lakh Seventy Thousand Only)  
Date 12/08/2017  
Pay to the order of M/s. Zarghoon Enterprises (Pvt) Ltd  
Signature of Mr. [Name] Assistant Superintendent  
Stamp: ASSISTANT SUPERINTENDENT STAMPS KARACHI  
Special Adhesive Seal  
ORIGINAL

Account No.	10000000000000000000
Branch	KARACHI
Amount	027000/-
Date	12/08/2017
Pay to the order of	M/s. Zarghoon Enterprises (Pvt) Ltd
Signature	[Signature]

Signature of Mr. [Name]  
Assistant Superintendent

Stamp: ASSISTANT SUPERINTENDENT STAMPS KARACHI

Special Adhesive Seal

90466

027000/-

12/08/2017

M/s. Zarghoon Enterprises (Pvt) Ltd

ORIGINAL





**GOVERNMENT OF SINDH**



SINDH COAL AUTHORITY

**COAL & ENERGY DEVELOPMENT  
DEPARTMENT**

**SINDH COAL AUTHORITY**

# **Bid Evaluation Report**

August, 2012

Widening & Improvement of Road from  
Noori Goth to Goth Hassan Mangrio Including  
Construction of Nindo Bypasses  
Contract Package # SCA/Phase-1/CP-II  
(Length 26.4 Km)

Gold is . . .

**EA Consulting Pvt Ltd**

(Private Engineering Consultant)

Engineering, Architecture & Project Management

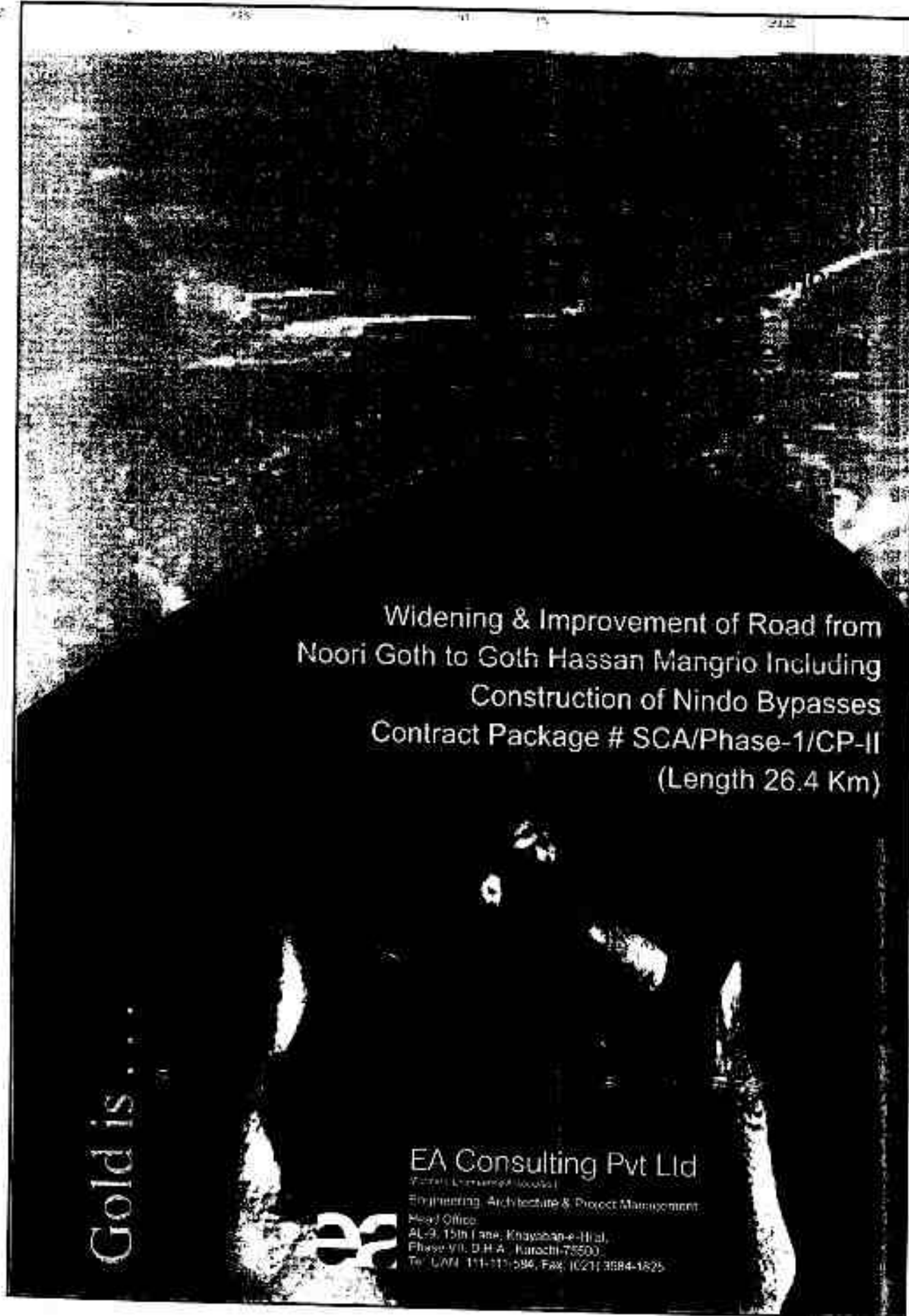
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ea



Widening & Improvement of Road from  
Noori Goth to Goth Hassan Mangrio Including  
Construction of Nindo Bypasses  
Contract Package # SCA/Phase-1/CP-II  
(Length 26.4 Km)

Gold is...

**EA Consulting Pvt Ltd**

Private Limited Company

Engineering, Architecture & Project Management

Head Office:

AL-9, 15th Lane, Khayaban-e-Hiral,

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

Tel: LAM 111-111-594, Fax: IC211-3584-1625

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**PUBLIC OPENING OF BIDS OPENING**

Subject: Improvement and Widening of Road Network from Seaport Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi Islamkot upto Wango Mor Including Bypasses (225 kms.) - Phase-I

Contract Package -2 (CP-II):-

Widening & Improvement of Road from Noori Goth to Hassan Mangrio Including Construction of Bypasses at Nindo and Badin (Length 26.4 kms.)

26.07.2012

S. No.	Name of Firm	Price Quoted by the Bidder in Rupee		Bid Security No.
		In Figures	In Words	
1	M/s. MAJ & FE Joint Venture		NO TENDER RECEIVED	
2	M/s. Muhammad Ramzan & Co.		NO TENDER RECEIVED	
3	M/s. Fazal & Brothers		NO TENDER RECEIVED	
4	M/s. Mumtaz & Company		NO TENDER RECEIVED	
5	M/s. Zarghoon Enterprises (Pvt) Limited	Rs. 1,015,475,510/-	Rupees one billion, fifteen million, four hundred seventy five thousand & five hundred ten only	Bank Guarantee No. UG No.1142/BG/BB/336/12 dated: 25.07.2012 amounting to Rs.270,000,000/- from Summit Bank, Fatima Jinnah Road Branch, Quetta.
6	M/s. Rakshani Builders (Pvt) Limited	Rs. 1,346,730,822.50	Rupees one billion, three hundred forty six million, seven hundred thirty thousand & eight hundred twenty two & paisas fifty only	Security Deposit Receipt No SDR 201774 dated 24.07.2012 amounting to Rs.27,000,000/- from Bank of Khyber, SITE, Karachi.
7	M/s. Umer Jan & Co	Rs. 1,423,455,085.98	Rupees one billion, four hundred twenty three million, four hundred fifty five thousand & eighty five & paisas nurely eight only	CD No PWDC 0321336 dated: 25.07.2012 amounting to Rs.320,000,000/- from First Women Bank Sukkur.
8	M/s. Niaz Muhammad Khan & Brothers		NO TENDER RECEIVED	
9	M/s. Haji Sirajuddin Soomro		NO TENDER RECEIVED	
10	M/s. Friends Construction Syndicate (Pvt) Limited		NO TENDER RECEIVED	

Member, PC

Member, PC

Member, PC

Member, PC

Member, PC

Chairman, PC

TL, FA

Chairman's Eye

Chief (Subcontractor)

AS (CE&O) 26/7/12

**SINDH COAL AUTHORITY**  
**Bid Evaluation Report**  
**CONTRACT PACKAGE NO. SCA/PHASE-1/CP-II**

**1. GENERAL:**

**1.1 *Introduction***

This report covers the evaluation and recommendations in respect of the bids opened on July 26, 2012 for the following contract package:-

**Construction of Nindo and Badin Bypasses in all respect including repair/rehabilitation/reconstruction of structures (Culverts & Bridges) from Nori Goth to Goth Hassan Mangrio, Contract Package No: SCA/Phase 1/CP-II**

Bids for the above contract package was invited from the pre-qualified bidders only.

**1.2 *Scope of Work***

The above-mentioned contract package consists of construction of bypasses and repair/rehabilitation/reconstruction of existing culverts and bridges from Nori Goth to Goth Hassan Mangrio.

**1.3 *Methodology***

Bid evaluation has been carried out in accordance with the SPPRA Rules and Instructions to Bidders contained in the bidding document. The report is divided in to '5' sections namely:-

Section - 1 :	General
Section - 2 :	Bidding Process
Section - 3 :	Preliminary Evaluation
Section - 4 :	Detailed Evaluation
Section - 5 :	Summary and Recommendations

## 2. THE BIDDING PROCESS

### 2.1 *Invitation of Bids*

The Sindh Coal Authority (SCA) invited bids from eleven (11) pre-qualified bidders through letters dated July 02, 2012.

During the bidding period, a number of queries were raised by the bidders in writing. The pre-bid meeting was held in the conference room of SCA on July 12, 2012 at 1200hrs, wherein all the queries/questions of bidders were replied.

### 2.2 *Addenda*

During the bidding period, following addenda were issued by SCA. All addenda were issued pursuant to Clause IB-9 of the Instructions to Bidders

<b>Addenda No.</b>	<b>Letter Reference</b>	<b>Date</b>
1	SCA-23(1)/2012	July 13, 2012
2	SCA-23/TW/DG/06/2012	July 19, 2012
3	SCA-23/TW/DG/2012	July 19, 2012

### 2.3 *Submissions of Bids*

The procedure for the Submission of Bids is provided in IB Clause 19 which states

Quote

\*19.1 *Each bidder shall submit his bid as under:*

- (a) *ORIGINAL and 1 COPIES of the bid shall be separately sealed and put in separate envelopes and marked as such.*
- (b) *The envelopes containing the ORIGINAL and COPIES shall be put in one sealed envelope and addressed as given in sub - clause IB 19.2 hereof.*

19.2 *The inner and outer envelopes shall:*

- (a) *be addressed to the procuring agency at the address provided in the bidding data;*
- (b) *bear the name and identification number of the contract as defined in the bidding data; and*
- (c) *provide a warning not to open before the time and date for bid opening, as specified in the bidding data.*

19.3 *In addition to the identification required in sub- clause IB 19.2 hereof, the inner envelope shall indicate the name and postal address of the bidder to enable the bid to be returned unopened in case it is declared "late" pursuant to Clause IB.21*

- 19.4 *If the outer envelope is not sealed and marked as above, the procuring agency will assume no responsibility for the misplacement or premature opening of the Bid.\* Un-quote*

## **2.4 Deadline for Submissions of Bids**

IB Clause 20 and 21 states

Quote

- \*20.1 (a) *Bids must be received by the procuring agency at the address specified not later than the time and date stipulated in the bidding data.*
- (b) *Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that specified above. Bidders shall bear all expenses incurred in the preparation and delivery of bids. No claims shall be entertained for refund of such expenses.*
- (c) *Where delivery of a bid is by mail and the bidder wishes to receive an acknowledgment of receipt of such bid, he shall make a request for such acknowledgment in a separate letter attached to but not included in the sealed bid package.*
- (d) *Upon request, acknowledgment of receipt of bids will be provided to those making delivery in person or by messenger.*

- 20.2 *The Procuring Agency may, at its discretion, extend the deadline for submission of bids by issuing an amendment in accordance with IB 09. In such case, all rights and obligations of the procuring agency and the bidders shall remain the same as mentioned in the original deadline.*

### **IB.21 Late Bids**

- (a) *any bid received by the procuring agency after the deadline for submission of bids prescribed in to clause IB 20 shall be returned unopened to such bidder.*
- (b) *delays in the mail, person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the bidder's responsibility to submit the bid in time.\* Un-quote*

Out of eleven (11) prequalified bidders, ten (10) bidders purchased the bidding document.

The closing date and time for submission of bids was July 26, 2012 at 1300 hrs and only three bids out of eleven (11) were received by that time.

## **2.5 Opening of Bids**

The procedure for the opening of bids is provided in IB Clause 23 which states

*Quote*

- \*23.1 Procuring agency will open the bids, including withdrawals, substitution and modifications made pursuant to Clause IB.22, in the presence of bidders' representatives who choose to attend, at the time, date and location stipulated in the bidding data. The bidders or their representatives who are in attendance shall sign an attendance sheet.*
- 23.2 Envelopes marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to clause IB.22 shall not be opened.*
- 23.3 Procuring agency shall read aloud the name of the bidder, total bid price and price of any Alternate Proposal(s), if any, discounts, bid modifications, substitution and withdrawals, the presence or absence of bid security, and such other details as the procuring agency may consider appropriate, and total amount of each bid, and of any alternative bids if they have been requested or permitted, shall be read aloud and recorded when opened.*
- 23.4 Procuring Agency shall prepare minutes of the bid opening, including the information disclosed to those present in accordance with the sub-clause IB.23.3.*
- Un-quote

The bids were opened by the Procurement Committee constituted by SGA & CD, GoS in accordance with SPPRA Rules, comprising:

- i. Chief Engineer, Sindh Coal Authority
- ii. Chief (Industries), P&D Department
- iii. Deputy Secretary (Dev-II), Finance Department
- iv. Superintending Engineer, Sindh Coal Authority
- v. Executive Engineer, Sindh Coal Authority
- vi. Divisional Accounts Officer, Sindh Coal Authority
- vii. The Engineer, EA Consulting (Pvt) Ltd
- viii. Contract/Procurement Engineer, EA Consulting (Pvt) Ltd

Total three bids were received for this Contract Package.

In accordance with the Bidding procedure, an attendance register was signed by all the Bidder's representatives, and the members of the Bid Opening Committee. The whole record is kept in the office of SCA.

Total three bids were received for this Contract Package and Bids of these three bidders were opened and their bid price was read out strictly in accordance with the procedure laid down in Instruction to Bidders. The three bidders are:

Bidder Identification Name (a)	Read-Out Bid Price with Premium/Discount		Modifications or Substitution (d)
	currency (b)	Amount (c)	
Zarghoon Enterprises	Pak. Rs.	1,015,475,510.00	NO
Umer Jan & Company	Pak. Rs.	1,423,455,085.98	NO
Rakhshani Builders	Pak. Rs.	1,346,730,822.50	NO

For Bid Evaluation, all the three bids were handed over to the Consultant for evaluation and preparation of Bid Evaluation Report in accordance with the terms of services of the Consultants.

### 3. EXAMINATION & RESPONSIVENESS STUDY OF BIDS

#### 3.1 Examination of Bids

The examination of the bids was carried out in accordance with IB Clause 26.1 which states

Quote

*"Prior to the detailed evaluation of bids, the procuring agency will determine whether the bidder fulfils all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further to determine whether they were complete in order to assess their responsiveness." Un-Quote*

The codal requirements provided in the bidding document are:

Quote

- "11.1 (a) submit a written authorization on the letterhead of the bidding firm, authorizing the signatory of the bid to act for and on behalf of the bidder;*
- (b) Prequalification Information to be updated:*
- Annual Construction Turn Over*
  - Access to Financial Resources*
  - Financial Soundness*
  - Financial predictions for the current year and the following two years including the effect of known commitments*
  - Work commitments since prequalification*
  - Current litigation information*
  - Historic non-performance*
- Above stated information should be provided in forms provided in the bidding document for this purpose along with supporting documents*

And

- (c) furnish a technical proposal taking into account the various Appendices to Bid specially the following:*
- Appendix-E to Bid Proposed Construction Schedule*  
*Appendix-F to Bid Method of Performing the Work*  
*Appendix-G to Bid List of Major Equipment*  
*Appendix-K to Bid Organization Chart for Supervisory Staff*  
*and other pertinent information such as mobilization programme etc." Un-  
quote*

At this stage of evaluation following documents were examined for completeness:

- a) Bid received on time
- b) Modification / withdrawal letters received

- c) Bid Security of Correct Value and Validity Submitted
- d) Written Authorization provided
- e) Copy of JV Agreement Provided (if applicable)
- f) Eligibility Documents (PEC, History of Non Performing Contracts, Litigation) Provided
- g) Financial Documents Provided
- h) Experience Documents Provided
- i) Current Commitment Documents Provided
- j) Work Schedule Provided
- k) Method Statement Provided
- l) Organization Chart Provided

Based on the standard procedures, Checklists have been prepared, one for each bidder, of the documents submitted by them and checked/examined by evaluation committee. The results are given in below table:

**TABLE 3.1 EXAMINATION OF BIDS**

S.No.	Check	Zarghoon Enterprises	Umer Jan & Co.	Rakhshani Builders
1	PEC	Not provided	Not Provided	Not Provided
2	Bid Security	Provided	Provided	Provided
3	Authority Letter	N/A	Not provided	Not Provided
4	Access to financial resources	Nil	Provided	Not Provided
5	Current commitments	Provided	Provided	Not Provided
6	Litigation information	Provided	Provided	Not Provided
7	Equipment availability	Provided, not meeting the minimum criteria	Provided	Not Provided
8	Work Schedule	Provided	Not as per requirement	Not Provided
9	Method of Performing Work	Not appropriate; methodology for bridge construction not provided	Not appropriate; methodology for bridge construction not provided	Not Provided
10	Safety Plan		Not provided	Not Provided
11	Site Facilities	Not Appropriate	Of some other contractor (M/s. Behram Construction Co.)	Not Provided
12	Organization chart	Provided	Provided	Not Provided
13	Original Affidavit	Provided	Not provided	Not Provided



The result of above examination is summarized herein below:

S.#	Name of Bidders	Completeness of Bid
1.	Zarghoon Enterprises (Pvt) Ltd	Complete, Eligible
2.	Umer Jan & Company	Complete, Eligible
3.	Rakhshani Builders	In-Complete, In-Eligible

### 3.2 Responsiveness Study

The responsiveness or otherwise of the Bids is determined on the basis of Clause IB-26.2 of Instructions to Bidders. Sub-clause 26.2 of IB provides:

*Quote*

*"26.2 Once found to be fulfilling the eligibility criteria, as mentioned in sub-clause 26.1, the bids of eligible bidders will be evaluated for technical responsiveness as per specification and criteria given in the bidding documents....."* Un-quote

IB Clause 26.3 states the criteria of responsiveness

*Quote*

*"A bid will be considered technically responsive if it (i) has been properly signed; (ii) is accompanied by the required bid security; and (iii) conforms to all the terms, conditions and specifications of the bidding documents, without material deviation or reservation. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the works; (ii) which limits in any substantial way, inconsistent with the bidding documents, the procuring agency's rights or the bidder's obligations under the contract; or (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids"* Un-quote

For the responsiveness study following were examined, reviewed and evaluated:

- a) Eligibility Documents (PEC, History of Non Performing Contracts, Litigation)
- b) Annual Construction Turn Over
- c) Net Worth and Net Working Capital
- d) Cash Flow & Current Commitment
- e) Work Schedule
- f) Method Statement
- g) Organization Chart
- h) Mobilization Programme

Based on the standard procedures, Check lists have been prepared, one for each of the bidders, of the documents submitted by them. The results of responsiveness study are summarized in below table:

S.No	Description	M/s Zarghoon	M/s Umer Jan	M/s Rakhshani
1	Valid registration of PEC	Not Provided	Not provided	Not Provided
2	Non Performance	Nil	Nil	Not Provided
3	Litigation	Nil	Nil	Not Provided
4	Annual Construction Turn Over (PKR 800 million)	PKR 4,402 million	PKR 1,349 million	Not Provided
5	Net Worth (PKR 140 million)	PKR 856 million	PKR 736 million	Not Provided
6	Net Working Capital (PKR 70 million)	PKR 1089 million	PKR 594 million	Not Provided
7	Cash Flow	Not sufficient	Available	Not Provided
8	Work Schedule	OK	Not as per requirement	Not Provided
9	Method Statement	Not Appropriate, sketchy. Also, methodology for bridge construction not provided	Not Appropriate, Also, methodology for bridge construction not provided	Not Provided
10	Organization Chart	OK	OK	Not Provided

Above table shows deficiency in the bids submitted by the three bidders. However, to declare the bids responsive or otherwise, the Instruction to Bidders Clause IB 26.4 was studied which states

Quote

*"If a bid has major deviations to the commercial requirements and technical specifications will be considered technically non responsive. As a general rule, major deviations are those that if accepted, would not fulfil the purposes for which the bid is requested, or would prevent a fair comparison or affect the ranking of the bids that are compliant with the bidding documents.*

**(A). Major (material) Deviations include:-**

- (i) has been not properly signed;
- (ii) is not accompanied by the bid security of required amount and manner;
- (iii) stipulating price adjustment when fixed price bids were called for;
- (iv) failing to respond to specifications;
- (v) failing to comply with Mile-stones/ Critical dates provided in Bidding Documents;
- (vi) sub-contracting contrary to the Conditions of Contract specified in Bidding Documents;
- (vii) refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;
- (viii) taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
- (ix) a material deviation or reservation is one :

- (a) which affect in any substantial way the scope, quality or performance of the works;
- (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

**(B) Minor Deviations**

*Bids that offer deviations acceptable to the Procuring Agency and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.\* Un-quote*

Based on above evaluation and in light of Clause IB 26.4, assessment of the responsiveness of each of the bids received is as follows:

S.#	Name of Bidders	Status of Bid
1.	Zarghoon Enterprises (Pvt) Ltd	Substantially Responsive
2.	Umer Jan & Company	Substantially Responsive
3.	Rakhshani Builders	Non Responsive

**3.3 Conclusion**

It was concluded by the Consultants that further detailed evaluation shall be carried out of all the Bidders having submitted Responsive and/or substantially responsive bids. However, only for comparison purposes, bid of M/s Rakhshani Builders was also evaluated.

## 4. DETAILED EVALUATION

### 4.1 *Introduction*

This section of the report presents the detailed evaluation of bids to determine the corrected bid prices through arithmetic check. Because of the excessive variations in prices evidenced in the evaluation of bids, a general comparison is considered useful for guidance and reference purposes. Result of this general comparison, aimed at highlighting relative variations between individual bidder's prices as well as relative to the Engineer's estimates, is offered in the ensuing Section 4.3.

### 4.2 *Arithmetical Check of Responsive Bids*

Bids have been checked for arithmetic errors and rectified on the basis of Clause ITB 27 of Instructions to Bidders, which provides:

Quote

*\*27.1 "Bids determined to be substantially responsive will be checked by the procuring agency for any arithmetic errors. Errors will be corrected by the procuring agency as follows:*

- (a) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and*
- (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the procuring agency there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern, and the unit rate will be corrected.*

*27.2 The amount stated in the Bid will be adjusted by the procuring agency in accordance with the above procedure for the correction of errors and, with the concurrence of the bidder. The amount thus corrected shall be considered as binding upon the bidder. If the bidder does not accept the corrected bid price, his bid will be rejected, and the bid security shall be forfeited in accordance with Sub-Clause 15.6(b) hereof.\* Un-Quote*

An arithmetical check of the Bidders' BOQ has been carried out and prices corrected in accordance with the procedure provided in IB Clause 27 above. The results are attached at the end of this report.

### 4.3 *Evaluation of Bids*

The evaluation of bids has been carried out in accordance with Clause IB 28 of Instruction to Bidders, which provides;

Quote

\*28.1 The procuring agency will evaluate and compare only the Bids determined to be substantially responsive in accordance with clause IB 26.

28.2 In evaluating the Bids, the procuring agency will determine for each bid the evaluated bid price by adjusting the bid price as follows:

- (a) making any correction for errors pursuant to clause IB 27;
- (b) excluding provisional sums (if any), for contingencies in the Summary Bill of Quantities, but including competitively priced Day work; and
- (c) making an appropriate adjustment for any other acceptable variation or deviation.\* Un-Quote

The detailed evaluation of all bids is placed at Table 4.1 and 4.2 and the resulting corrected bid price of each bidder for this contract package thereby emerge out as follows;

1. M/s Umer Jan & Comapny

▪ Quoted Price	...	Rs. 1,276,524,840
▪ Correction	...	NIL
▪ Corrected Price	...	Rs. 1,276,524,840
▪ Discount	...	20.45%
▪ Amount of Discount	...	Rs. (261,049,329.78)
▪ <b>Final Corrected/ Discounted Price</b>	...	<b>Rs. 1,015,475,510</b>

2. M/s Umer Jan & Company

▪ Quoted Price	...	Rs. 1,423,455,085.98
▪ Correction	...	Rs Nil
▪ Corrected Price	...	Rs. 1,423,455,085.98
▪ Discount	...	NIL
▪ <b>Final Corrected/ Discounted Price</b>	...	<b>Rs. 1,423,455,085.98</b>

3. M/s Rakhshani Builders

▪ Quoted Price	...	Rs. 1,346,730,822.50
▪ Correction	...	Rs. (-) 612
▪ Corrected Price	...	Rs. 1,346,730,210
▪ Discount	...	NIL
▪ <b>Final Corrected/ Increased Price</b>	...	<b>Rs. 1,346,730,210</b>

The evaluation of bids carried out on above parameters has caused no change to the ranking of lowest bidder.

#### 4.4 Comparison of Bids

##### 4.4.1 General Price Comparison

A general Price comparison is undertaken based on corrected prices exhibited in the preceding section. Bidder's price variations are calculated relative to the Engineer's Estimate.

The comparison is illustrated in Tables 4.1 for assessment of Price distribution and variation trends.

##### 4.4.2 Item-wise Comparison of BOQ Prices

Table 4.2 list the variation of corrected prices of all the bidders (Responsive/Substantially Responsive) from the Engineer's Estimate.

The Findings are as follows:

Sr. #	Bidder's Name	Engineer's Estimate (Rs)	Corrected/Discounted Bid Price (Rs)	Variation From Engineer's Estimate (%age)
1.	M/s Zarghoon	913,061,870	1,015,475,510	+ 11.22
2.	M/s Umer Jan		1,423,455,086	+ 55.90
3.	M/s Rakhshani		1,346,730,210	+ 47.50

##### 4.5 Comparison of Significant Pay Items

Comparison of significant works items included in the BOQ is given in Table 4.3. Table 4.3 shows the trend in pricing the rates of significant items.

**5. SUMMARY AND RECOMMENDATIONS:**

**5.1 *General***

Bids were received and opened on July 26, 2012. Three (03) Bidders submitted the bids. The bid evaluation has been carried out in accordance with SPPRA Rules and procedure provided in Instructions to Bidders. Following the examination and responsiveness study, all the bids were found Responsive/substantially Responsive with some minor deficiencies and deviations.

**5.2 *Summary of Detailed Evaluation***

The comparison of bid prices of all the bidders with Engineer's Estimate are presented in section 4.4 above. M/s Zarghoon Enterprises (Pvt) Limited bid is found the lowest. The final price of M/s Zarghoon Enterprises (Pvt) Limited is as under:

**Contract Package II                      Rs. 1,015,475,510**

**5.3 *Recommendations By the Consultants***

On the basis of examination of the terms and conditions of the Bidding Documents, considering effect of labour & fuel escalation which is not reimbursable to the successful bidder as per the Conditions of Contract, non payable items of engineer's facilities, unavailability of sand in the close vicinity of the project area and the evaluation of bids carried out herein above, the Consultants are recommending:

"Recommends awarding Contract Package II to M/s Zarghoon Enterprises (Pvt) Limited at his corrected/discounted Bid Price stated in section 5.2 above on the terms and conditions stipulated in the Bidding Documents."

**5.4 *Submission By the Consultants***


The Bid Evaluation Report is being submitted to Procurement Committee for review, consideration and approval please.


  
**Team Leader**  
**EA Consulting (Pvt) Limited**

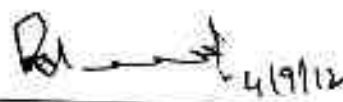
**5.5 Recommendation by the Procuring Committee**

The Bid Evaluation Report submitted by the Consultants was reviewed by the Procuring Committee and found that the evaluation and preparation of Bid Evaluation Report are in line with the Procurement Procedures laid down in SPPRA Rules and in Instructions to Bidders.

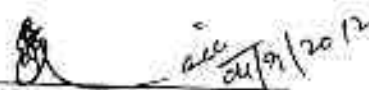
The Committee also found the recommendation of the Consultants satisfactory for award of the Contract to the lowest bidder M/s Zarghoon Enterprises (Pvt) Limited at his final corrected/discounted price of Rs. 1,015,475,510.

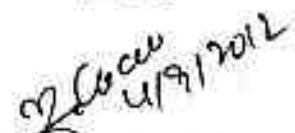
  
Chief Engineer,  
Sindh Coal Authority


  
Superintending Engineer,  
Sindh Coal Authority

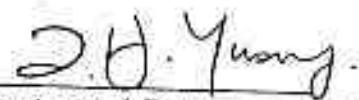
  
Nominee of the Planning &  
Development Dept., GOS

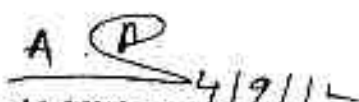
  
Nominee of Finance  
Department, GOS.

  
Executive Engineer,  
Sindh Coal Authority

  
Divisional Account,  
Officer, Sindh Coal Authority

  
The Engineer (Team Leader),  
EA Consulting (Pvt.) Ltd.

  
Contract / Procurement Engr.,  
EA Consulting (Pvt.) Ltd.

  
**Chairman/Additional Secretary**  
**Coal & Energy Development Department, GoS, Karachi**



**TABLES**

**TABLE No. 4.1**

**GENERAL RATES & PRICE  
COMPARISON**

**WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR**  
**VIA THAITA, SUJAWAL, BADIN INCLUDING BY PASSES ( 225 Km )**  
**CONTRACT PACKAGE II : NOORI GOTH TO GOTH BASSAN MANGRO**

**COMPARISON OF RATES & PRICE**

Pay Item No.	Item Description	Unit	Estimated Quantities	Engineer's Estimate Rate	Amount	Rankbani Builders Rate	Amount
<b>BILL NO. 1 - EARTHWORKS</b>							
101	Clearing and grubbing	Sq m	155,000	19.78	3,065,590	28.00	4,340,000
102a	Removal of trees, 1.50-300 mm girth	Each	90	330.86	16,543	462.00	23,100
103	Stripping	Cu m	76,200	174.67	13,309,624	265.00	20,193,000
104	Compaction of Natural Ground	Sq m	409,000	20.05	8,201,832	31.00	12,679,000
106a	Excavation and Disposal of Unavailable Common Material	Cu m	3,000	254.33	762,990	394.00	1,182,000
106b	Formation of Embankment from Borrow Excavation as common Material (in Sand)	Cu m	47,000	351.55	16,522,968	1,125.00	52,875,000
108c	Formation of Embankment from Borrow Excavation in common Material	Cu m	400,000	351.55	140,620,000	473.00	189,200,000
110	Improved subgrade	Cum	81,500	317.60	27,514,685	755.00	61,512,500
<b>TOTAL BILL NO. 1 EARTHWORK</b>					<b>210,015,283</b>		<b>307,004,000</b>
<b>BILL NO. 2 SUB BASE AND BASE COURSES</b>							
201	Granular Sub-Base	Cu m	66,800	1,549.58	109,363,051	3,000	206,400,000
202	Aggregate Base Course	Cu m	55,500	2,172.67	120,582,935	3,650	202,575,000
201b	Asphaltic Base Course Plant Mix (Class B)	Cu m	9,520	14,318.82	136,315,190	17,500	166,500,000
209b	Sealcoating of Existing Road Pavement	Sq m	5,840	41.13	240,322	75	438,000
<b>TOTAL BILL NO. 2 SUB BASE &amp; BASE COURSES</b>					<b>366,501,498</b>		<b>576,013,000</b>
<b>BILL NO. 3 SURFACING</b>							
302b	Bituminous Prime Coat	Sq m	118,900	76.30	9,071,981	95	11,295,500
303b	Bituminous Tack Coat	Sq m	118,900	28.61	3,401,531	50	5,945,000
304b	Double Surface Treatment in Shoulders	Sq m	69,210	782.04	19,525,595	450	31,155,500
305a	Asphaltic Concrete for Wearing Course (Class B)	Cu m	5,950	16,187.81	96,317,696	18,000	107,100,000
<b>TOTAL BILL NO. 3 SURFACING</b>					<b>128,316,593</b>		<b>195,484,000</b>
<b>BILL NO. 4A: BOX CULVERTS</b>							
<b>A) New Construction</b>							
107a	Structural Excavation in Common Material	Cu m	2,266.00	261.99	598,723	450	1,020,600
107b	Structural Backfill using Common Material	Cu m	1,038.00	174.51	181,139	450	667,100
401a(k)	Concrete Class A3 (Underground)	Cu m	542.00	11,565.52	6,266,401	11,800	6,395,600
401f	Lean Concrete	Cu m	134.00	6,521.72	873,911	7,200	964,800
404b	Reinforcement as per MASHITO M31 Grade 60	Ton	71.00	125,106.98	8,896,796	125,000	8,875,000
509a	Rip Rap Class A	Cu m	100.00	1,927.57	192,757	3,000	300,000
406a(i)	Premoulded Joint Filler with Poly-sulphide Joint Seal	Kg	779.00	2,240.00	1,744,960	1,000	779,000
<b>B) To be Replaced</b>							
51a	Dimensioning of Structure and Demolition	Cu m	590.00	920.62	543,166	1,000	590,000
107c	Structural Backfill using Common Material	Cu m	400.00	174.51	69,803	450	180,000
401a(i)	Concrete Class A3 (Underground)	Cu m	410.00	11,565.52	4,741,780	11,800	4,833,000
401f	Lean Concrete	Cu m	100.00	6,521.72	652,172	7,200	720,000
404b	Reinforcement as per MASHITO M31 Grade 60	Ton	47.00	125,106.98	5,889,428	125,000	5,875,000
509a	Rip Rap Class A	Cu m	80.00	1,927.57	154,206	3,000	240,000
406a(i)	Premoulded Joint Filler with Poly-sulphide Joint Seal	Kg	675.00	2,240.00	1,512,000	1,000	675,000
<b>TOTAL BILL NO. 4A</b>					<b>15,122,000</b>		<b>17,012,500</b>
<b>TOTAL BILL NO. 4B</b>					<b>196,653,378</b>		<b>242,496,500</b>
<b>TOTAL BILL NO. 4</b>					<b>354,969,876</b>		<b>419,509,000</b>

WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR  
 VIA THATA, SUJAWAL, BADIN INCLUDING BY PASSES ( 225 km )  
 CONTRACT PACKAGE II : NOORI GOTH TO GOTH BASSAN MANGRIO

COMPARISON OF RATES & PRICE

Pay Item No.	Item Description	Unit	Estimated Quantities	Engineer's Estimate Rate	Amount	Contractor's Estimate Rate	Amount	Rate	Amount
<b>BILL NO.4: B) BRIDGE STRUCTURE @ Km 21 + 735 (I - 12m Span)</b>									
510	Dismantling of Structure and Obstructions	Cu m	395	920.62	363,645	1,000	395,000	1,275	503,625
107a	Structural Excavation in Common Material	Cu m	300	174.51	52,352	450	135,000	432	129,600
107d	Granular Backfill	Cu m	20	1,356.51	26,730	1,500	30,000	2,133	42,660
107e	Common Backfill	Cu m	175	174.51	30,539	650	113,750	309	54,075
401a1ii	Concrete Class A1 (On Ground)	Cu m	3.5	10,697.98	37,429	10,500	367,500	13,798	482,930
401a1iii	Concrete Class A1 (Elevated)	Cu m	10	11,703.82	117,038	11,500	135,000	14,380	143,800
401a1ii	Concrete Class A3 (On Ground)	Cu m	16	12,068.23	193,092	13,800	188,800	14,783	236,528
401a1iii	Concrete Class A3 (Elevated)	Cu m	105	13,074.07	1,372,377	12,500	1,312,500	15,221	1,598,205
401f	Lean Concrete (Foundation and / or Girder Casting Bed)	Cu m	10	6,531.72	65,217	7,200	72,000	7,611	76,110
401h	Extra Over Class A1 with SR Cement	Cu m	3	223.08	669	1,000	3,000	375	1,125
404a	Reinforcement as per AASHTO M 31 Grade 40	Tons	0.10	111,985.11	11,199	125,000	12,500	137,067	13,707
404b	Reinforcement as per AASHTO M 31 Grade 60	Tons	31	125,306.98	3,884,317	125,000	3,875,000	142,973	4,432,165
404c	Galvanized Mild Steel	Tons	0.30	140,000	42,000	200,000	60,000	67,500	168,388.00
405b	Laundering Of RCC Girder	Tons	40	1,085.64	43,426	5,000	200,000	1,622	64,880
406e(i)	Premoulded Joint Filler with Polyphosphate Joint Seal	Kg	320.00	2,240.00	716,800	1,000	320,000	1,622	521,160
406e(ii)	Elastomeric Bearing Pads (According to size and thickness)	Cu cm	36,000	1.87	139,314	1,000	36,000	600	108,000
407d	Cast in place Concrete Pile (dia 750 mm)	M	36,000	3.87	139,314	4	144,000	3	108,000
407a	Pile Load Test to 2.5 times the design load	Each	1	1,120,000	1,120,000	1,000,000	1,000,000	968,292	968,292
509e	Ground Run Run Class B	Cu m	150	1,900.75	285,112	3,500	525,000	6,275	941,250
509f	Rip Rap Class C	Cu m	150	4,480.00	672,000	2,500	375,000	2,837	425,550
SP-10	Pipe Integrity Testing	M	30	915.38	27,462	2,500	75,000	2,390	71,700
SP-13	PVC sleeve pipes with CAP of 6th and wall thickness as shown on drawings	M	3	150,000.00	450,000	250,000	750,000	202,500	607,500
SP-14	Permanent Steel Casing including all fixtures (wall thickness as per drawing)	M	3	85,800.00	257,400	180,000	2,100,000	60,750	1,275,750
SP-15	Bridge Expansion Joint (NFI OR Equivalent)	M	21	215,600.00	4,527,600	250,000	4,250,000	472,500	4,725,000
SP-16	Expansion / Confinement bearing and Testing in Dry / Wet Area including Groutch	Job	1	1,316.00	1,316.00	5,000	40,000	2,025	10,125
SP-17	Providing and fixing drainage Pipe in Bridge Deck with steel Grating (Q.I Pipe of d	M	8	1,316.00	10,528	5,000	40,000	2,025	10,125
<b>TOTAL BILL NO.4: B) BRIDGE STRUCTURE @ Km 21 + 735 (I - 12m Span)</b>					<b>13,457,558</b>		<b>14,669,050</b>		<b>14,115,004</b>
<b>BILL NO.4: C) BRIDGE STRUCTURE @ Km 28 + 007 (I - 12m Span)</b>									
510	Dismantling of Structure and Obstructions	Cu m	350	920.62	323,423	1,000	350,000	1,275	446,250
107a	Structural Excavation in Common Material	Cu m	300	174.51	52,352	450	135,000	432	129,600
107d	Granular Backfill	Cu m	20	1,356.51	26,730	1,500	30,000	2,133	42,660
107e	Common Backfill	Cu m	175	174.51	30,539	650	113,750	309	54,075
401a1ii	Concrete Class A1 (On Ground)	Cu m	3.5	10,697.98	37,429	10,500	367,500	13,798	482,930
401a1iii	Concrete Class A1 (Elevated)	Cu m	10	11,703.82	117,038	11,500	135,000	14,380	143,800
401a1ii	Concrete Class A3 (On Ground)	Cu m	16	12,068.23	193,092	13,800	188,800	14,783	236,528
401a1iii	Concrete Class A3 (Elevated)	Cu m	105	13,074.07	1,372,377	12,500	1,312,500	15,221	1,598,205
401f	Lean Concrete (Foundation and / or Girder Casting Bed)	Cu m	10	6,531.72	65,217	7,200	72,000	7,611	76,110
401h	Extra Over Class A1 with SR Cement	Cu m	3	223.08	669	1,000	3,000	375	1,125
404a	Reinforcement as per AASHTO M 31 Grade 40	Tons	0.10	111,985.11	11,199	125,000	12,500	137,067	13,707
404b	Reinforcement as per AASHTO M 31 Grade 60	Tons	31	125,306.98	3,884,317	125,000	3,875,000	142,973	4,432,165
404c	Galvanized Mild Steel	Tons	0.30	140,000	42,000	200,000	60,000	67,500	168,388.00
405b	Laundering Of RCC Girder	Tons	40	1,085.64	43,426	5,000	200,000	1,622	64,880
406e(i)	Premoulded Joint Filler with Polyphosphate Joint Seal	Kg	320.00	2,240.00	716,800	1,000	320,000	1,622	521,160
406e(ii)	Elastomeric Bearing Pad (According to size and thickness)	Cu cm	36,000	1.87	139,314	1,000	36,000	600	108,000
407d	Cast in place Concrete Pile (dia 750 mm)	M	36,000	3.87	139,314	4	144,000	3	108,000
407a	Pile Load Test to 2.5 times the design load	Each	1	1,120,000	1,120,000	1,000,000	1,000,000	968,292	968,292
509e	Ground Run Run Class B	Cu m	150	1,900.75	285,112	3,500	525,000	6,275	941,250
509f	Rip Rap Class C	Cu m	150	4,480.00	672,000	2,500	375,000	2,837	425,550
SP-10	Pipe Integrity Testing	M	30	915.38	27,462	2,500	75,000	2,390	71,700
SP-13	PVC sleeve pipes with CAP of 6th and wall thickness as shown on drawings	M	3	150,000.00	450,000	250,000	750,000	202,500	607,500
SP-14	Permanent Steel Casing including all fixtures (wall thickness as per drawing)	M	3	85,800.00	257,400	180,000	2,100,000	60,750	1,275,750
SP-15	Bridge Expansion Joint (NFI OR Equivalent)	M	21	215,600.00	4,527,600	250,000	4,250,000	472,500	4,725,000
SP-16	Expansion / Confinement bearing and Testing in Dry / Wet Area including Groutch	Job	1	1,316.00	1,316.00	5,000	40,000	2,025	10,125
SP-17	Providing and fixing drainage Pipe in Bridge Deck with steel Grating (Q.I Pipe of d	M	8	1,316.00	10,528	5,000	40,000	2,025	10,125
<b>TOTAL BILL NO.4: C) BRIDGE STRUCTURE @ Km 28 + 007 (I - 12m Span)</b>					<b>13,457,558</b>		<b>14,669,050</b>		<b>14,115,004</b>
			Rate			Rate			
			Amount			Amount			

WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR  
VIA THATA, SURAWAL, BADIN INCLUDING BY PASSES (225 km)  
CONTRACT PACKAGE II : NOORI GOTH TO GOTH HASSAN MANGRIO

COMPARISON OF RATES & PRICE

Pay Item No.	Item Description	Unit	Estimated Quantities	Engineer's Estimate		Contractor's Estimate		Contractor's Bid		Remarks	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
407n	Pile Load Test to 2.5 times the design load	Each	1	1,120,000	1,120,000	1,000,000	1,000,000	968,292	968,292	920,915.02	920,915
509e	Grounded Rip Rap Class B	Cu.m	150	4,549.38	682,406	4,500	675,000	6,275	961,250	5,020.80	753,000
SP-10	Rip Rap Class C	Cu.m	150	1,900.75	285,112	3,500	525,000	2,837	425,550	2,097.18	314,607
SP-13	PVC sleeve pipes with CAP of dia and wall thickness as shown on drawings	Each	8	4,480.00	35,840	25,000	200,000	10,000	740,000	16,000.00	128,000
SP-14	Permanent Steel Casing including all fixtures (wall thickness as per drawing)	M	30	915.38	27,462	2,500	75,000	2,250	67,500	800.00	24,000
SP-15	Bridge Expansion Joint (NFI CR Equivalent)	Tons	3	150,000.00	450,000	250,000	750,000	202,500	607,500	128,000.00	384,000
SP-16	Expansion / Confinement bearing and Testing in Dry / Wet Area including Concrete	M	21	86,800.00	1,822,800	100,000	2,100,000	60,750	1,275,750	200,352.00	4,207,292
SP-17	Providing and Fixing drainage Pipe in Bridge Deck with steel Grating (G.I. Pipe of dia	Job	1	215,600.00	215,600	250,000	250,000	472,500	472,500	48,816.00	48,816
<b>TOTAL BILL NO.4: BRIDGE STRUCTURE @ Km 201.907 (1 - 12m Span)</b>					<b>10,328</b>		<b>5,000</b>		<b>40,000</b>		<b>12,000</b>
<b>BILL NO.4D: BRIDGE STRUCTURE @ Km 21+141 (1 - 21m Span)</b>					<b>13,620,336</b>		<b>14,614,499</b>		<b>14,870,375</b>		<b>4,000,000</b>
510	Demarcating of Structure and Observations	Cu.m	360	920.62	331,423	1,000	920,000	1,275	459,000	1,015.86	365,715
107a	Structural Excavation in Common M/F soil	Cu.m	350	263.99	92,396	450	118,500	432	142,560	291.30	102,456
107e	Common Backfill	Cu.m	10	1,136.51	11,365	1,200	13,200	2,113	23,316	61.990	720
401a1e	Concrete Class A1 (On Ground)	Cu.m	250	174.51	43,627	650	113,250	309	71,070	1,974.77	1,293,411
401a1n	Concrete Class A1 (Elevated)	Cu.m	35	10,697.98	374,419	11,000	385,000	13,798	482,930	11,804.67	413,163
401a3n	Concrete Class A3 (Elevated)	Cu.m	15	11,703.82	175,557	11,500	132,750	14,380	165,510	215,700	193,718
401f	Lean Concrete (Foundation and / or Under Casing Bed)	Cu.m	125	13,074.07	1,634,259	12,500	1,632,500	15,321	1,902,625	14,426.56	1,823,320
404a	Extra Over Class A1 with SR Cement	Cu.m	14	6,521.72	91,304	7,200	100,800	7,611	106,554	7,196.38	100,749
404b	Reinforcement as per AASHTO M 31 Grade 40	Tons	0.20	111,985.11	22,397	1,000	111,985	375	111,985	480.00	1,440
404c	Reinforcement as per AASHTO M 31 Grade 60	Tons	42	125,506.98	5,283,290	125,000	5,312,500	142,973	138,269.78	5,945,601	50,510
405b	Galvanized Mild Steel	Each	0.30	140,000.00	42,000	200,000	60,000	223,000	67,500	168,368.00	3,377,267
405d(i)	Precast pre-stressed Concrete Member, Span 21 m	Rg	4	652,500.00	2,610,000	450,000	1,800,000	1,622	6,488	844,436.65	1,000,000
406e	Elastomeric Bearing Pads (According to size and thickness)	Cu.m	320	2,340.00	750,720	1,000	2,340,000	600	1,920,000	1,000.00	320,000
407d	Cast in place Concrete Pile (dia. 760 mm)	M	48,000	3.87	185,856	4	15,480	3	11,640	144,000	432
407n	Pile Load Test to 2.5 times the design load	Each	270	10,530.82	2,843,321	22,000	5,940,000	7,335	1,980,450	24,580.73	6,611,262
509e	Grounded Rip Rap Class B	Cu.m	1	1,120,000.00	1,120,000	1,000,000	1,000,000	968,292	968,292	920,915.02	920,915
509e	Rip Rap Class C	Cu.m	165	4,549.38	750,647	4,500	742,500	6,275	1,035,375	5,020.80	753,000
SP-10	PVC sleeve pipes with CAP of dia and wall thickness as shown on drawings	Each	165	1,900.75	313,623	3,500	577,500	2,837	468,105	2,097.18	314,607
SP-13	PVC sleeve pipes with CAP of dia and wall thickness as shown on drawings	Each	8	4,480.00	35,840	25,000	200,000	10,000	740,000	16,000.00	128,000
SP-14	Permanent Steel Casing including all fixtures (wall thickness as per drawing)	M	30	915.38	27,462	2,500	75,000	2,250	67,500	800.00	24,000
SP-15	Bridge Expansion Joint (NFI CR Equivalent)	Tons	4	150,000.00	600,000	250,000	1,000,000	202,500	607,500	128,000.00	384,000
SP-16	Expansion / Confinement bearing and Testing in Dry / Wet Area including Concrete	M	21	86,800.00	1,822,800	100,000	2,100,000	60,750	1,275,750	200,352.00	4,207,292
SP-17	Providing and Fixing drainage Pipe in Bridge Deck with steel Grating (G.I. Pipe of dia	Job	2	215,600.00	431,200	250,000	500,000	472,500	472,500	48,816.00	48,816
<b>TOTAL BILL NO.4D: BRIDGE STRUCTURE @ Km 21+141 (1 - 21m Span)</b>					<b>19,716,579</b>		<b>22,974,800</b>		<b>17,886,516</b>		<b>4,000,000</b>

**WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR**  
**VIA THATA, SUJAWAL, BADIN INCLUDING BY PASSES (225 km)**  
**CONTRACT PACKAGE II : NOOH GOH TO GOH HASSAN MANGRIO**

**COMPARISON OF RATES & PRICE**

Pay Item No.	Item Description	Unit	Quantity	Engineer's Estimate	Rate	Amount	Rate	Amount	Rate	Amount	
<b>BILL NO.43: BRIDGE STRUCTURE @ Km 33+709 (1 - 21m Span)</b>											
510	Dismantling of Structure and Obstructions	Cum	445	920.62	409,676	1,000	445,000	1,275	567,375	1,015.86	452,058
107a	Structural Excavation in Common Material	Cum	330	263.99	87,116	450	148,500	432	142,560	291.30	96,129
107b	Granular Backfill	Cum	30	1,316.51	40,095	1,200	36,000	2,133	63,990	1,474.77	44,243
107c	Common Backfill	Cum	250	174.51	40,117	650	149,500	309	71,070	192.56	44,289
401a	Concrete Class A1 (On Ground)	Cum	35	10,697.98	374,429	11,000	385,000	13,798	482,910	11,804.67	413,163
401a(1)	Concrete Class A1 (Elevated)	Cum	15	11,203.82	175,557	13,500	172,500	14,380	215,700	12,914.56	193,218
401a(1.1)	Concrete Class A1 (Elevated)	Cum	125	13,074.07	1,634,259	12,500	1,562,500	15,221	1,902,625	14,426.56	1,801,320
401f	Lean Concrete (Foundation and/or Girder Casting Bed)	Cum	14	6,521.72	91,304	7,200	100,800	7,611	106,554	7,196.38	100,749
401h	Extra Over Class A1 with SR Cement	Cum	3	223.08	669	1,000	3,000	375	1,125	480.00	1,440
404a	Reinforcement as per AASHTO M 31 Grade 40	Tons	0.20	111,985.11	22,397	125,000	25,000	137,067	27,413	123,569.78	24,714
404b	Reinforcement as per AASHTO M 31 Grade 60	Tons	43	125,306.98	5,388,200	125,000	5,375,000	142,973	6,147,839	138,269.78	5,945,601
404c	Galvanized Mild Steel	Tons	0.50	140,000.00	42,000	200,000	60,000	205,000	67,500	164,368.00	50,510
405a	Precast Pre-stressed Concrete Member, Span 21 m	Each	4	652,500.00	2,610,000	450,000	1,800,000	1,622	6,448	844,436.65	3,377,747
406a(1)	Precast Joint Filler with Polyurethane Joint Seal	M	370	2,240.00	716,800	1,000	320,000	600	192,000	1,000.00	320,000
406a(2)	Cast in place Concrete Pile (dia. 760 mm)	M	270	3.47	185,832	4	192,000	3	144,000	4.27	1,440
407a	Pile Load Test to 2.5 times the design load	Each	1	10,530.82	2,843,321	22,000	5,940,000	7,335	1,980,450	24,560.23	6,613,262
509a	Grounded Rip Rap Class B	Cum	165	4,549.38	750,647	1,000,000	1,000,000	968,292	968,292	920,915.02	920,915
509b	Rip Rap Class C	Cum	165	1,900.75	311,623	4,500	742,500	6,275	1,039,375	5,020.00	828,300
509c	Pile Integrity Testing	Each	1	4,480.00	35,840	25,000	240,000	2,617	468,105	2,097.38	346,008
5P-13	PVC sleeves pipes with CAP of dia and wall thickness as shown on drawings	M	50	915.38	45,769	2,500	125,000	2,250	112,500	10,000.00	40,000
5P-14	Prepayment Steel Coating including all fixtures (wall thickness as per drawing)	Tons	4	150,000.00	600,000	250,000	1,000,000	202,500	810,000	128,000.00	512,000
5P-15	Binder Expansion Joint (MFC OR Equivalent)	M	21	86,800.00	1,822,800	100,000	2,100,000	60,750	1,275,750	200,152.00	4,207,392
5P-16	Expansory / Conformatory Joint and Testing on Dry / Wet Area including Coechna	Job	2	215,600.00	431,200	250,000	500,000	472,500	945,000	48,816.00	97,632
5P-17	Providing and fixing drainage Pipe in Bridge Deck with steel framing (GI Pipe of 4	M	10	1,116.00	13,160	5,000	50,000	2,025	20,250	4,000.00	40,000
<b>TOTAL BILL NO.43: BRIDGE STRUCTURE @ Km 33+709 (1 - 21m Span)</b>											
<b>19,794,832</b>											
<b>23,009,800</b>											
<b>17,994,891</b>											
<b>BILL NO.44: BRIDGE STRUCTURE @ Km 45+550 (2 - 21m Span)</b>											
510	Dismantling of Structure and Obstructions	Cum	445	920.62	409,676	1,000	445,000	1,275	567,375	1,015.86	452,058
107a	Structural Excavation in Common Material	Cum	330	263.99	87,116	450	148,500	432	142,560	291.30	96,129
107b	Granular Backfill	Cum	30	1,316.51	40,095	1,200	36,000	2,133	63,990	1,474.77	44,243
107c	Common Backfill	Cum	230	174.51	40,117	650	149,500	309	71,070	192.56	44,289
401a(1)	Concrete Class A1 (On Ground)	Cum	35	10,697.98	374,429	11,000	385,000	13,798	482,910	11,804.67	413,163
401a(1.1)	Concrete Class A1 (Elevated)	Cum	15	11,203.82	175,557	13,500	172,500	14,380	215,700	12,914.56	193,218
401a(1.1.1)	Concrete Class A1 (Elevated)	Cum	125	13,074.07	1,634,259	12,500	1,562,500	15,221	1,902,625	14,426.56	1,801,320
401f	Lean Concrete (Foundation and/or Girder Casting Bed)	Cum	14	6,521.72	91,304	7,200	100,800	7,611	106,554	7,196.38	100,749
401h	Extra Over Class A1 with SR Cement	Cum	3	223.08	669	1,000	3,000	375	1,125	480.00	1,440
404a	Reinforcement as per AASHTO M 31 Grade 40	Tons	0.20	111,985.11	22,397	125,000	25,000	137,067	27,413	123,569.78	24,714
404b	Reinforcement as per AASHTO M 31 Grade 60	Tons	43	125,306.98	5,388,200	125,000	5,375,000	142,973	6,147,839	138,269.78	5,945,601
404c	Galvanized Mild Steel	Tons	0.50	140,000.00	42,000	200,000	60,000	205,000	67,500	164,368.00	50,510
405a	Precast Pre-stressed Concrete Member, Span 21 m	Each	4	652,500.00	2,610,000	450,000	1,800,000	1,622	6,448	844,436.65	3,377,747
406a(1)	Precast Joint Filler with Polyurethane Joint Seal	M	370	2,240.00	716,800	1,000	320,000	600	192,000	1,000.00	320,000
406a(2)	Cast in place Concrete Pile (dia. 760 mm)	M	270	3.47	185,832	4	192,000	3	144,000	4.27	1,440
407a	Pile Load Test to 2.5 times the design load	Each	1	10,530.82	2,843,321	22,000	5,940,000	7,335	1,980,450	24,560.23	6,613,262
509a	Grounded Rip Rap Class B	Cum	165	4,549.38	750,647	1,000,000	1,000,000	968,292	968,292	920,915.02	920,915
509b	Rip Rap Class C	Cum	165	1,900.75	311,623	4,500	742,500	6,275	1,039,375	5,020.00	828,300
509c	Pile Integrity Testing	Each	1	4,480.00	35,840	25,000	240,000	2,617	468,105	2,097.38	346,008
5P-13	PVC sleeves pipes with CAP of dia and wall thickness as shown on drawings	M	50	915.38	45,769	2,500	125,000	2,250	112,500	10,000.00	40,000
5P-14	Prepayment Steel Coating including all fixtures (wall thickness as per drawing)	Tons	4	150,000.00	600,000	250,000	1,000,000	202,500	810,000	128,000.00	512,000
5P-15	Binder Expansion Joint (MFC OR Equivalent)	M	21	86,800.00	1,822,800	100,000	2,100,000	60,750	1,275,750	200,152.00	4,207,392
5P-16	Expansory / Conformatory Joint and Testing on Dry / Wet Area including Coechna	Job	2	215,600.00	431,200	250,000	500,000	472,500	945,000	48,816.00	97,632
5P-17	Providing and fixing drainage Pipe in Bridge Deck with steel framing (GI Pipe of 4	M	10	1,116.00	13,160	5,000	50,000	2,025	20,250	4,000.00	40,000
<b>TOTAL BILL NO.44: BRIDGE STRUCTURE @ Km 45+550 (2 - 21m Span)</b>											
<b>19,794,832</b>											
<b>23,009,800</b>											
<b>17,994,891</b>											

**WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGDO MOR  
VIA THAITA, SULAVAL, BADDI INCLUDING BY PASSES (225 km)  
CONTRACT PACKAGE II : NOORI GOTH TO GOTH HASSAN MANGRIO**

**COMPARISON OF RATES & PRICE**

Pay Item No.	Item Description	Unit	Estimated Quantities	Engineer's Estimate Rate	Amount	Kaushambi Builders Rate	Amount
SP-13	PVC sleeve pipes with CAP of dia and wall thickness as shown on drawings.	M	50	915.18	45,769	2,500	125,000
SP-14	Permanent Steel Casing including all fixtures (wall thickness as per drawing).	Tons	4	150,000.00	600,000	250,000	1,000,000
SP-15	Bridge Expansion Joint (NFI OR Equivalent)	M	21	86,800.00	1,822,800	100,000	2,100,000
SP-16	Exploratory / Confirmatory boring and Testing in Dry / Wet Area including Geotechnical	Job	2	215,600.00	431,200	250,000	500,000
SP-17	Providing and Fixing drainage Pipe in Bridge Deck with steel Grating (G.I. Pipe of 4	M	10	1,316.00	13,160	5,000	50,000
<b>TOTAL BILL NO.46: BRIDGE STRUCTURE @ Km 49+284 (2 - 21m Span)</b>					<b>19,794,832</b>		<b>23,699,908</b>
<b>BILL NO.46: BRIDGE STRUCTURE @ Km 49+284 (2 - 21m Span)</b>							<b>17,994,991</b>
107a	Structural Excavation in Common Material	Cu m	310	265.99	82,467	148,500	45,000
107b	Granular Backfill	Cu m	30	1,316.51	40,095	1,200	36,000
107c	Common Backfill	Cu m	230	174.51	40,137	650	149,500
401a1ii	Concrete Class A1 (On Ground)	Cum	35	10,697.98	374,429	11,500	385,000
401a1iii	Concrete Class A1 (Elevated)	Cu m	10	11,703.82	117,115	11,500	115,000
401a1iii	Concrete Class A3 (Elevated)	Cum	320	13,074.07	4,183,712	12,500	4,000,000
401f	Lean Concrete (Foundation and / or Girder Casting Bed)	Cu m	22	6,321.72	141,478	7,200	158,400
401h	Extra Over Class A1 with SR Cement	Cu m	5.00	223.08	1,115	1,000	5,000
404a	Reinforcement as per AASHTO M 31 Grade 40	Tons	0.20	111,985.11	22,397	125,000	25,000
404b	Reinforcement as per AASHTO M 31 Grade 60	Tons	70.00	125,306.98	8,771,489	125,000	8,750,000
404c	Galvanized Mild Steel	Tons	0.50	146,000.00	42,000	200,000	60,000
405a	Precast Pre-stressed Concrete Member, Span 2.1 m	Each	8.00	652,500.00	5,220,000	450,000	3,600,000
406a	Elastomeric Bearing Pads (According to size and thickness)	Kg	370	2,240.00	716,800	1,000	320,000
407d	Cast in place Concrete Pile	Cu cm	96,000	3.87	371,664	1,000	384,000
	1 (dia. 762 mm)	M	275	10,530.82	2,895,975	22,000.00	6,020,000
	1 (dia. 1500 mm)	M	40	31,186.71	1,325,468	30,000.00	1,200,000
407n	Pile Load Test to 2.3 times the design load (1500 Dia)	Each	1	1,120,000.00	1,120,000	1,000,000	1,350,000
509a	Ground Rip Rap Class B	Cu cm	165	4,549.38	750,647	4,500	742,500
509c	Rip Rap Class C	Cu cm	165	1,900.75	313,623	3,500	577,500
SP-10	Pile Integrity Testing	Each	9	4,480.00	40,320	25,000	225,000
SP-13	PVC sleeve pipes with CAP of dia and wall thickness as shown on drawings.	M	84	915.18	76,892	2,500	210,000
SP-14	Permanent Steel Casing including all fixtures (wall thickness as per drawing).	Tons	8	150,000.00	1,200,000	250,000	2,000,000
SP-15	Bridge Expansion Joint (NFI OR Eq.; solvent)	M	32	86,800.00	2,777,600	100,000	3,200,000
SP-16	Exploratory / Confirmatory boring and Testing in Dry / Wet Area including Geotechnical	Job	2	215,600.00	431,200	250,000	500,000
SP-17	Providing and Fixing drainage Pipe in Bridge Deck with steel Grating (G.I. Pipe of d	M	15	1,316.00	19,740	5,000	75,000
<b>TOTAL BILL NO.46: BRIDGE STRUCTURE @ Km 49+284 (2 - 21m Span)</b>					<b>31,317,063</b>		<b>34,146,400</b>
							<b>27,753,611</b>

**WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR  
VIA THAITA, SUAWAL, BAHIN INCLUDING BY PASSES (215 km.)  
CONTRACT PACKAGE II : NOORI GOTH TO GOTH BASSAN MANGRHO**

**COMPARISON OF RATES & PRICE**

Item Description	Unit	Estimated Quantity	Engineer's Estimate		Raushanul Builders	
			Rate	Amount	Rate	Amount
<b>IRE @ Km 54+600 (1 - 12m Span)</b>						
<b>and Chalcifications</b>						
Common Material	Cum	480	920.62	441,897	1,000	480,000
	Cum	450	263.99	118,794	480	202,500
	Cum	20	1,336.51	26,730	1,500	30,000
	Cum	175	174.51	30,539	650	113,750
	Cum	35	10,697.98	374,429	10,500	367,500
	Cum	10	11,203.82	117,038	11,500	115,000
	Cum	175	12,068.23	2,111,941	11,800	2,065,000
	Cum	25	13,074.07	980,555	12,500	937,500
	Cum	20	5,521.72	110,434	7,200	144,000
	Cum	3	223.08	669	1,000	3,000
	Tons	0.10	111,985.31	11,199	125,000	12,500
	Tons	55	135,306.98	6,891,864	125,000	6,875,000
	Tons	0.30	140,000	42,000	200,000	60,000
	Tons	40	1,083.64	43,426	5,000	20,000
	Kg	320,000	2,240.00	716,800	1,000	320,000
	Cum	16,000	3.87	139,374	4	144,000
	Each	240	10,530.82	2,973,396	13,000	1,320,000
	Each	1	1,120,000	1,120,000	1,000,000	1,000,000
	Cum	75	4,549.18	341,203	4,500	33,750
	Cum	75	1,900.75	142,556	3,500	262,500
	Each	12	4,480.00	53,760	25,000	300,000
	M	30	915.38	27,462	2,500	75,000
	M	21	86,800.00	1,822,800	100,000	2,100,000
	Job	1	215,600.00	215,600	25,000	472,500
	M	8	1,316.00	10,528	5,000	40,000
				18,439,015		19,339,750
						19,375,854
<b>BRIDGE STRUCTURE @ Km 54+600 (1 - 12m Span)</b>						



WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR  
 VIA THATTA, SUJAWAL, BADIN INCLUDING BY PASSES (225 km)  
 CONTRACT PACKAGE II : NOORI GOTH TO GOTH HASSAN MANGRHO

COMPARISON OF RATES & PRICE

Pay Item No.	Item Description	Unit	Estimated Quantity	Engineer's Estimate		Contractor's Estimate		Rate		Amount		Rate		Amount	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount				
<b>BILL NO. 4 (H) BRIDGE STRUCTURE Km 54+400 (1 - 12m Span)</b>															
510	Demarcating of Structure and Obstructions	Cum	480	920.52	441,897	1,000	480,000	1,275	612,000	1,015.86	487,613	487.613	487,613		
107a	Structural Excavation in Common Material	Cum	450	263.99	118,794	450	202,500	432	194,400	291.30	131,085	131,085	131,085		
107b	Granular Backfill	Cum	20	1,316.51	26,330	1,500	30,000	2,133	42,660	1,474.77	29,495	29,495	29,495		
107c	Common Backfill	Cum	175	174.51	30,539	650	113,750	309	54,075	197.56	33,698	33,698	33,698		
401a1ii	Concrete Class A1 (On Ground)	Cum	35	10,897.98	374,429	10,500	367,500	13,798	482,930	11,804.67	411,161	411,161	411,161		
401a1iii	Concrete Class A1 (Reinforced)	Cum	10	11,703.82	117,038	11,500	115,000	14,380	143,800	12,914.56	129,146	129,146	129,146		
401a2ii	Concrete Class A3 (On Ground)	Cum	175	12,068.23	2,111,941	11,800	2,065,000	15,221	2,587,025	14,426.56	2,528,648	2,528,648	2,528,648		
401a3iii	Concrete Class A3 (Reinforced)	Cum	75	13,074.07	980,555	12,500	937,500	15,221	1,141,575	7,196.38	539,729	539,729	539,729		
401f	Lean Concrete (Foundation and / or Guide Casting Steel)	Cum	30	6,521.72	195,654	7,200	216,000	7,611	228,330	480.00	14,400	14,400	14,400		
401h	Extra Over Class A1 with SF Cement	Cum	3	223.08	669	1,000	3,000	375	1,125	123,569.78	370,709	370,709	370,709		
404a	Reinforcement as per AASHTO M 31 Grade 60	Ton	0.10	111,985.11	11,199	125,000	12,500	137,067	13,707	138,269.78	13,827	13,827	13,827		
404b	Reinforcement as per AASHTO M 31 Grade 60	Ton	55	125,306.98	6,891,884	125,000	6,875,000	142,973	7,863,515	168,068.00	9,260,240	9,260,240	9,260,240		
404c	Galvanized Mild Steel	Ton	0.30	140,000	42,000	200,000	60,000	225,000	225,000	844,436.65	753,331	753,331	753,331		
405b	Launching OF RCC Girder	Ton	40	1,085.64	43,426	5,000	200,000	1,622	64,880	1,000.00	40,000	40,000	40,000		
405e(i)	Precasted Joint Filler with Poly-sulphide Joint Seal	Kg	320.00	2,340.00	716,800	1,000	320,000	600	192,000	1,000.00	320,000	320,000	320,000		
405e	Elastomeric Bearing Pad (According to size and thickness)	Cum	36,000	3.87	139,374	4	144,000	3	108,000	4.27	153,720	153,720	153,720		
407d	Cast in place Concrete Pile (dia 760 mm)	M	240	10,530.82	2,527,396	13,000	3,120,000	7,335	1,760,400	24,560.23	5,894,455	5,894,455	5,894,455		
407e	Pile Load Test to 2.5 times the design load	Each	1	1,120,000	1,120,000	1,000,000	1,000,000	968,292	968,292	920,915.02	920,915	920,915	920,915		
509e	Ground Rip Rap Class B	Cum	75	4,549.18	341,203	4,500	317,500	6,275	470,625	5,020.00	376,500	376,500	376,500		
509e	Ground Rip Rap Class C	Cum	75	1,900.75	142,556	3,500	262,500	2,837	212,775	2,097.38	157,304	157,304	157,304		
509e	Pile Integrity Testing	Each	12	4,480.00	53,760	25,000	300,000	30,000	360,000	16,000.00	192,000	192,000	192,000		
509e	PVC sleeve piles with CAP of dia and wall thickness as shown on drawing	M	30	915.38	27,462	2,500	75,000	2,250	67,500	800.00	24,000	24,000	24,000		
509e	Bridge Expansion Joint (NFI OR Equivalent)	M	21	86,800.00	1,822,800	100,000	2,100,000	60,750	2,273,250	200,532.00	4,207,192	4,207,192	4,207,192		
509e	Exploratory / Confirmation Testing and Testing in Dry / Wet Area including Geotechnical	Job	1	215,600.00	215,600	25,000	25,000	472,500	472,500	48,816.00	48,816	48,816	48,816		
509e	Forming and Fixing, Drainage Pipe as per Deck with steel Grating (G.I. Pipe of dia	M	8	1,316.00	10,528	5,000	40,000	2,025	16,200	4,000.00	32,000	32,000	32,000		
<b>TOTAL BILL NO. 4 (H) BRIDGE STRUCTURE Km 54+400 (1 - 12m Span)</b>											<b>18,439,015</b>	<b>19,339,794</b>	<b>19,325,454</b>	<b>4,000,000</b>	<b>32,000</b>

**WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANGO MOR  
VIA TEATTA, SUJAWAL, BADIN INCLUDING BY PASSES ( 225 km )  
CONTRACT PACKAGE II : NOORI GOTH TO GOTH HASSAN MANGRIO**

**COMPARISON OF RATES & PRICE**

Pay Item No.	Item Description	Unit	Estimated Quantities	Engineer's Estimate		Bachchan Builders					
				Rate	Amount	Rate	Amount				
<b>BILL NO. 5 DRAINAGE &amp; EROSION WORKS</b>											
107a	Structural Excavation in Common Material	Cum	5,050.00	263.99	1,311,134	450	2,272,500	432	2,181,600	291.30	1,471,065
107b	Granular Backfill	Cum	6,000.00	1,116.51	6,699,055	1,200	720,000	2,113	12,790,800	1,474.77	884,862
107c	Common Backfill	Cum	1,050.00	174.51	183,233	450	472,500	309	324,450	192.56	202,188
401a 1(i)	Concrete Class A-1	Cum	60.00	14,697.98	874,879	11,000	660,000	13,798	827,880	11,249.73	674,984
401a 3(i)	Concrete Class A-3	Cum	3.00	11,565.32	34,696	12,500	37,500	14,753	44,249	13,316.67	39,950
401f	Lean Concrete	Cum	15.00	6,521.72	97,826	7,200	108,000	7,611	114,165	7,196.38	107,946
404b	Reinforcement as per AASHTO M31, Grade 60	Tone	0.0080	125,506.98	1,002	150,000	142,973	1,144	138,269.78	1,106	964,678
501a	R.C.C pipe AASHTO M-170 Class II Dia 1100mm	M	360.00	2,492.45	897,240	4,500	1,820,000	4,206	1,514,160	2,679.66	720,000
SP	ø 9 V.C. pipe Dia 160mm	M	900.00	1,059.62	953,654	2,500	2,250,000	3,000	2,700,000	800.00	2,000,000
502b	Concrete Class B in Bedding and Encasement of Concrete	Cum	45.00	8,818.16	396,817	8,500	382,500	9,588	431,460	10,240.56	460,825
509b	Top Rap Class 'B'	Cum	5,550.00	1,888.47	12,558,286	1,500	23,275,000	2,752	18,900,800	2,083.82	13,857,403
509b	Filter Layer of Granular Material	Cum	1,150.00	1,470.02	1,690,528	1,500	1,725,000	2,311	2,680,650	1,622.10	1,865,415
<b>TOTAL BILL NO. 5: DRAINAGE &amp; EROSION WORKS</b>					<b>19,567,211</b>		<b>33,574,200</b>		<b>30,400,458</b>		
<b>BILL NO. 6 ANCILLARY WORKS</b>											
601d (i)	Precast Kerb in concrete class A-1 of gage 450x150 mm (class-e) including concrete bed	M	1,450	1,229.28	4,241,019	1,300	4,485,000	1,432	4,940,400	1,156.45	2,544,680
604a	Metal Guard Rail	M	702	3,026.88	2,124,866	4,500	5,400,000	7,071	84,852	2,449.25	29,391
604b	Metal Guard Rail End Pieces	Each	12	2,219.63	26,636	4,500	54,000	6,359	23,844,825	9,667.30	3,632,700
604c	Steel post of metal guard rail	Each	375	8,779.03	3,292,134	13,000	1,687,500	18,311	439,704	14,754.06	354,097
607a	Road Sign Category-1	Each	24	13,370.87	320,901	18,000	1,296,000	21,786	1,568,592	19,478.08	1,402,422
607b	Road Sign Category-2	Each	72	17,652.01	1,270,945	20,000	60,000	32,204	96,612	44,925.50	134,777
607d	Road Sign Category-3(A)	Each	3	17,745.53	51,737	20,000	320,000	52,204	515,264	73,280.00	1,172,480
607e	Road Sign Category-3(B)	Each	16	29,397.69	470,363	20,000	320,000	239	991,850	162.13	162.13
608a	Yellow Lines	M	4,150	117.54	487,803	175	726,250	239	991,850	162.13	162.13
608b	Pavement marking in Reflective TP paint for 4.0 m arrows	M	34,500	117.54	2,879,799	175	4,287,500	239	5,855,500	162.13	162.13
608d	Reflective Pavement Sand (Raised Profile-Type Double)	Each	114	1,689.44	1,925,996	2,000	228,000	2,857	323,698	1,864.21	212,520
<b>TOTAL BILL NO. 6: ANCILLARY WORKS</b>					<b>17,133,248</b>		<b>17,611,290</b>		<b>22,966,553</b>		<b>652.70</b>

**TABLE No. 4.2**

**CALCULATION  
OF  
CORRECTED PRICES**

TABLE 4.2  
 CONTRACT PACKAGE II : NORI GOTH TO GOTH HASSAN MANGRIO  
 CORRECTED PRICE

ITEM	DESCRIPTION	PRICE			
		Engineer Estimate (Rs.)	Zarghoon (Rs.)	Umer Jan (Rs.)	Rakshani (Rs.)
BILL 1 - EARTHWORKS		210,015,283	307,004,000	342,024,600	384,503,800
BILL 2 - SUBBASE AND BASE COURSES		366,501,498	576,013,000	662,236,600	651,969,088
BILL 3 - SURFACE COURSES AND PAVEMENT		128,316,593	165,484,000	198,863,370	143,930,930
BILL 4A - CULVERTS		32,319,240	31,920,100	36,184,354	34,260,131
BILL 4B - BRIDGES		13,452,658	14,849,050	14,115,000	17,771,845
BILL 4C - BRIDGES		13,420,336	14,614,050	14,070,375	17,736,290
BILL 4D - BRIDGES		19,716,579	22,924,600	17,886,516	26,737,862
BILL 4E - BRIDGES		19,794,832	23,009,800	17,994,891	26,824,210
BILL 4F - BRIDGES		19,794,832	23,009,800	17,994,891	26,824,210
BILL 4G - BRIDGES		31,317,003	34,146,400	27,753,611	43,007,445
BILL 4H - BRIDGES		18,439,015	19,329,760	19,326,454	26,563,366
BILL 5 - DRAINAGE AND EROSION CONTROL WORKS		19,567,211	33,524,200	30,400,468	21,250,421
BILL 6 - ANCILLARY WORKS		17,132,250	17,611,250	22,966,563	20,664,744
BILL 7 - ENGINEER'S FACILITIES					
Day Works		3,274,640	3,274,640	3,869,412.5	4,795,848.76
Add Premium or Deduct Discount			-20.46%	Nil	Nil
Amount of Premium/Discount			(261,049,329.78)		
TOTAL		913,061,870	1,015,475,510	1,423,455,085	1,346,730,210
VARIAION FROM ENGINEER'S ESTIMATE			11.22	55.90	47.50

**TABLE No. 4.3**

**CAMPARISON  
OF  
SIGNIFICANT PAY ITEMS**

WIDENING AND IMPROVEMENT OF ROAD FROM KARACHI TO WANCO MOR  
VIA THAITA, SULAWAL, RADIN INCLUDING BY PASSES ( 225 km )  
CONTRACT PACKAGE II : NOOR GOTH TO GOTH BASSAN MANGRKO  
COMPARISON OF RATES OF SIGNIFICANT ITEMS & PRICE

Pay Item No.	Item Description	Unit	Engineer's Estimate Rate	Zarghoon (Discounted) Rate	Umair Jan & Co. Rate	Raukhanui Builders Rate
108c	Formation of Embankment from Borrow Excavation in common Material (in Sand)	Cum	351.55	517.08	1,125.00	940.00
108e	Formation of Embankment from Borrow Excavation in common Material	Cum	351.55	397.75	473.00	625.00
110	Improved subgrade	Cum	337.60	437.53	755.00	735.00
201	Granular Sub-Base	Cum	1,589.58	2,386.50	1,200	2,833
202	Aggregate Base Course	Cum	2,172.67	2,903.58	4,500	3,370
203b	Asphaltic Base Course Plant Mix (Class B)	Cum	14,118.82	13,921.25	20,190	17,850
304b	Double Surface Treatment in Shoulders	Sqm	282.04	157.98	574	331
305a	Asphaltic Concrete for Wearing Course (Class B)	Cum	16,187.81	14,319.00	23,195	18,900
401a1ii	Concrete Class A1 (Elevated)	Cum	10,607.98	8,152.75	13,798	11,804.67
401a3ii	Concrete Class A3 (On Ground)	Cum	11,701.82	9,148.25	14,380	12,914.56
401a3(i)	Concrete Class A3 (Underground)	Cum	12,068.23	10,593.41	14,783	13,316.67
401a3iii	Concrete Class A3 (Elevated)	Cum	11,565.32	9,386.90	14,682	12,762.69
401f	Lean Concrete (Foundation and / or Girder Casting Bed)	Cum	13,074.07	9,943.75	15,221	14,426.56
404a	Reinforcement as per AASHTO M. 31 Grade 40	Tons	6,521.72	5,727.60	7,611	7,196.38
404b	Reinforcement as per AASHTO M. 31 Grade 60	Tons	111,985.11	99,437.50	137,067	123,569.78
404c	Galvanized Mild Steel	Tons	125,306.98	99,437.50	142,973	138,269.78
405b	Launching Of RCC Girder	Tons	140,000	159,100.00	225,000	168,368.00
405b	Precast Pre-stressed Concrete Member, Span 21 m	Tons	1,083.64	3,977.50	1,622	1,197.95
406a(i)	Premoulded Joint Filler with Polysulphide Joint Seal	Each	652,500.00	157,975.00	1,622	844,436.65
407d	Cast in place Concrete Pile 1 (dia. 760 mm)	Kg	2,240.00	795.50	600	1,000.00
509a	Rip Rap Class A 1/2 (dia. 1500 mm)	M	10,530.82	17,501.00	7,335	24,560.23
509b	Rip Rap Class B*	Cum	33,136.71	23,865.00	22,032	83,800.00
509c	Rip Rap Class C	Cum	1,927.57	2,386.10	2,679.00	2,126.98
509e	Grouted Rip Rap Class B	Cum	1,888.47	2,784.25	2,752	2,083.82
509e	Rip Rap Class C	Cum	4,549.38	3,579.75	6,275	5,020.00
SP-10	Pile Integrity Testing	Cum	1,900.75	2,784.25	2,837	2,097.38
SP-13	PVC sleeve pipes with CAP of dia and wall thickness as shown on drawings	Each	4,480.00	19,887.50	30,000	16,000.00
SP-14	Permanent Steel Casing including all fixtures (wall thickness as per drawings)	M	915.38	1,988.75	2,250	800.00
SP-15	Bridge Expansion Joint (NFI OR Equivalent)	Tons	150,000.00	198,875.00	202,500	128,000.00
SP-16	Exploratory / Confirmation boring and Testing in Dry / Wet Area including Core	M	46,800.00	79,550.00	60,750	200,352.00
SP-17	Providing and Fixing drainage Pipe in Bridge Deck with steel Grating / G.I. Pipe c	Job	215,600.00	198,875.00	472,500	48,816.00
		M	1,316.00	3,977.50	2,075	4,000.00

## LIST OF PARTICIPANTS

MEETING OF PROCUREMENT COMMITTEE UNDER THE CHAIRMANSHIP OF  
 ADDITIONAL SECRETARY, C&EDD / CHAIRMAN, PROCUREMENT COMMITTEE  
 HELD ON 4<sup>TH</sup> SEPTEMBER, 2012 AT 1500 HRS. TO DISCUSS & FINALIZE THE  
EVALUATION REPORT OF BID OF THE FOLLOWING ROAD WORKS:-

- (1) Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot upto Wango Mor Including Bypasses (225 Kms.) – Phase-I
  - (i) Contract Package – I (CP-I)
  - (ii) Contract Package – II (CP-II)
  
- (2) Widening and Improvement of Road from Wango Mor to Thar Coalfield Area via Mithi, Islamkot (134 Kms.) – Phase-II
  - (i) Contract Package – I (CP-I)
  - (ii) Contract Package – II (CP-IV)


S. No.	NAME & DESIGNATION	SIGNATURE
1.	Dr. Abdul Rauf Siddiqi Addl. Secretary, (C&EDD)	A R
2.	Engr. Hassan Ali Memon, CE, SCA	4/9/12
3.	Engr. Hussain Ali Sheikh, SE, SCA	4/9
4.	M. M. Akhtar, Asst. Dir. (Gen. Secy)	4/9/12
5.	Zameer Ahmed Sheikh, XEN, SCA	4/9/12
6.	Muhammad Farhan Khan, Dir. Adm. SCA	4/9/12
7.	Bux Ali ABRO Team leader AAA-EUL	4/9/12
8.	Al. Anwar Khurshid, Contract Engineer AAA EUL	4/9/12
9.	M. Siddiq Sulamoni, TL, FA	4/9/12
10.	Zeshwan Hasan Yusuf, Contract Engr, EA	4/9/12
11.	Biswajit. Misra Channa	4/9/12
12.	Ali Abbas ABRO XEN SCA	4/9/12



**GOVERNMENT OF SINDH  
SINDH COAL AUTHORITY**

-2-

2. The copies of all the Nineteen (19) Notices for inviting tenders issued to the prequalified contractors sent through courier are sent herewith for information please.

  
**(Abdul Majeed Pathan)**  
Director General

c.c.to:-

1. The Secretary to Govt. of Sindh, C&ED Deptt., Karachi.
2. The Chief Engineer, SCA, Karachi.





# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No. SCA-23/TW/DGI/108/2012  
Karachi, dated: September 28, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13

Bid Reference No: SCA/Phase-1/CP-III & IV

M/s. MAJ & FE Joint Venture  
C-20, Hyderabad Town, Phase-I Extension  
Qasimabad, Hyderabad  
Fax # 022-2650300

1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of **Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot ( Phase I) upto Wango Mor 225 km** and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

- (i) Rehabilitation of Section from Km 105+250 to 110+250 (Badin Sujawal Road) including repair/rehabilitation of structures (Culverts & Bridges) from Bhaneri To Goth Haji Alluu (Length 54.25 km) Contract Package No.SCA/Phase-1/CP-III
- (ii) Rehabilitation of Section from Diwan Sugar Mills to Pinnu Baran (Km 110+250 to 125+500 Badin Sujawal Road) including repair/rehabilitation/reconstruction of structures (Culverts & Bridges) (Length 15.25 km) Contract Package No: SCA/Phase-1/CP-IV

Bidding is open to all Prequalified firms only

2. Procuring agency invites sealed bids from prequalified eligible bidders for the works stated in para 1 above.
3. Bidders may obtain information by acquiring the bidding documents (BD) from the Office of the procuring agency, upto 15<sup>th</sup> day of October, 2012 during office hours at:-

Director General

Sindh Coal Authority

House No 16, E Street, Behind Zamzama Park, DHA Phase V, Karachi.

Telephone No: 021-99251059 – 99251507 Fax No. : 021-99251038

4. A complete set of BD may be purchased by an interested bidder on submission of a written application to the above office and upon payment of a non-refundable fee of Rs. 10,000/- for each package separately in the shape of Pay Order or Demand Draft in the name of Director General, Sindh Coal Authority.
5. A Pre-bid meeting will be held on 08.10.2012 at 1200 hrs. at the address mentioned in para-3 above.
6. All bids must be accompanied by a bid security of two (02) % of Bid Price and must be delivered to above office at or before 1300 hours, on October 16, 2012. Bids will be opened at 1400 hours on the same day, in the presence of bidder's representatives who choose to attend at the above address.
7. The Procuring agency will not be responsible for any costs or expenses incurred by the bidders in connection with the preparation and delivery of bids, including the cost and expenses incurred by the bidder in connection with site visits.
8. Procuring agency reserves right to annul the bidding process and reject all bids or proposals, as per SPP Rules 2010.
9. Please confirm receipt of this invitation immediately in writing by courier or fax. If you do not intend to bid, we would appreciate being so notified also in writing at your earliest opportunity

Yours truly,

  
Director General  
SINDH COAL AUTHORITY

Bungalow # 16, E – Street, Zamzama Park, DHA, Phase – V, Karachi.  
Phones: (92-21) 99251507, 99251058, Fax : 021-99251038



# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No. SCA-23/TW/DG/1-9/2012  
Karachi, dated: September 28, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13  
Bid Reference No: SCA/Phase-1/CP-III 2-Y

M/s. Muhammad Ramzan & Co.  
Plot No.147, Shikarpur Road, Nara Stop  
Near Khan Service Station  
Sukkur  
Fax # 071-5632461

1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of **Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot (Phase I) upto Wango Mor 225 km** and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

- (i) Rehabilitation of Section from Km 105+250 to 110+250 (Badin Sujawal Road) including repair/rehabilitation of structures (Culverts & Bridges) from Bhaneri To Goth Haji Alluu (Length 54.25 km) Contract Package No.SCA/Phase-1/CP-III
- (ii) Rehabilitation of Section from Diwan Sugar Mills to Pinnu Baran (Km 110+250 to 125+500 Badin Sujawal Road) including repair/rehabilitation/reconstruction of structures (Culverts & Bridges) (Length 15.25 km) Contract Package No: SCA/Phase-1/CP-IV

Bidding is open to all Prequalified firms only

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Director General

Sindh Coal Authority

House No 16, E Street, Behind Zamzama Park, DHA Phase V, Karachi.

Telephone No: 021-99251059 - 99251507 Fax No. : 021-99251038

4. A complete set of BD may be purchased by an interested bidder on submission of a written application to the above office and upon payment of a non-refundable fee of Rs. 10,000/- for each package separately in the shape of Pay Order or Demand Draft in the name of Director General, Sindh Coal Authority.
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9. Please confirm receipt of this invitation immediately in writing by courier or fax. If you do not intend to bid, we would appreciate being so notified also in writing at your earliest opportunity

Yours truly,

Director General  
SINDH COAL AUTHORITY

Bungalow # 16, E - Street, Zamzama Park, DHA, Phase - V, Karachi.  
Phones: (92-21) 99251507, 99251058, Fax : 021-99251038



# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No. SCA-23/TW/DG/ 110 /2012  
Karachi, dated: September 26, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13  
Bid Reference No: SCA/Phase I/CP-III 2 y

M/s. Fazal & Brothers  
Bungalow No.A-27, Dilpai Memon Society  
Behind Rajputana Hospital  
Hyderabad  
Fax # 022-2650288

1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot ( Phase I) upto Wango Mor 225 km and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

- (i) Rehabilitation of Section from Km 105+250 to 110+250 (Badin Sujawal Road) including repair/rehabilitation of structures (Culverts & Bridges) from Bhaneri To Goth Haji Alluu (Length 54.25 km) Contract Package No.SCA/Phase-I/CP-III
- (ii) Rehabilitation of Section from Diwan Sugar Mills to Pinnu Baran (Km 110+250 to 125+500 Badin Sujawal Road) including repair/rehabilitation/reconstruction of structures (Culverts & Bridges) (Length 15.25 km) Contract Package No: SCA/Phase-1/CP-IV

Bidding is open to all Prequalified firms only

2. Procuring agency invites sealed bids from prequalified eligible bidders for the works stated in para 1 above.
3. Bidders may obtain information by acquiring the bidding documents (BD) from the Office of the procuring agency, upto 15<sup>th</sup> day of October, 2012 during office hours at:-

**Director General**


**Sindh Coal Authority**

**House No 16, E Street, Behind Zamzama Park, DHA Phase V, Karachi.**

**Telephone No: 021-99251059 – 99251507 Fax No. : 021-99251038**

4. A complete set of BD may be purchased by an interested bidder on submission of a written application to the above office and upon payment of a non-refundable fee of Rs. 10,000/- for each package separately in the shape of Pay Order or Demand Draft in the name of Director General, Sindh Coal Authority.
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Yours truly,

  
**Director General**  
**SINDH COAL AUTHORITY**

Bungalow # 16, E – Street, Zamzama Park, DHA, Phase – V, Karachi.  
Phones: (92-21) 99251507, 99251058, Fax : 021-99251038



# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No. SCA-23/TW/DG/111/2012  
Karachi, dated: September 26, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13  
Bid Reference No: SCA/Phase-I/CP-III & IV

M/s. Mumtaz & Company  
Bungalow No.C-11, Prince Town  
Phase-II, Wahdu Wah Road  
Qasimabad, Hyderabad  
Fax # 022-2650885

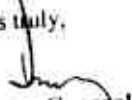
1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of **Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot ( Phase I) upto Wango Mor 225 km** and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

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- (ii) Rehabilitation of Section from Diwan Sugar Mills to Pinnu Baran (Km 110+250 to 125+500 Badin Sujawal Road) including repair/rehabilitation/reconstruction of structures (Culverts & Bridges) (Length 15.25 km) Contract Package No: SCA/Phase-I/CP-IV

Bidding is open to all Prequalified firms only

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Director General  
Sindh Coal Authority  
House No 16, E Street, Behind Zamzama Park, DHA Phase V, Karachi.  
Telephone No: 021-99251059 – 99251507 Fax No. : 021-99251038
4. A complete set of BD may be purchased by an interested bidder on submission of a written application to the above office and upon payment of a non-refundable fee of Rs. 10,000/- for each package separately in the shape of Pay Order or Demand Draft in the name of Director General, Sindh Coal Authority.
5. A Pre-bid meeting will be held on 08.10.2012 at 1200 hrs. at the address mentioned in para-3 above.
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9. Please confirm receipt of this invitation immediately in writing by courier or fax. If you do not intend to bid, we would appreciate being so notified also in writing at your earliest opportunity

Yours truly,

  
Director General  
SINDH COAL AUTHORITY

Bungalow # 16, E – Street, Zamzama Park, DHA, Phase – V, Karachi.  
Phones: (92-21) 99251507, 99251058, Fax : 021-99251038



# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No. SCA-23/TW/DGI/112/2012  
Karachi, dated September 26, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13  
Bid Reference No: SCA/Phase 1/CP-III & IV

M/s. Zaqrghoon Enterprises (Pvt) Limited  
D-157, Block-7, Gulshan-e-Iqbal  
Karachi.  
Fax # 021-34987584

1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of **Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot ( Phase I) upto Wango Mor 225 km** and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

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Bidding is open to all Prequalified firms only

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3. Bidders may obtain information by acquiring the bidding documents (BD) from the Office of the procuring agency, upto 15<sup>th</sup> day of October, 2012 during office hours at:-

**Director General**

**Sindh Coal Authority**

**House No 16, E Street, Behind Zamzama Park, DHA Phase V, Karachi.**

**Telephone No: 021-99251059 – 99251507 Fax No. : 021-99251038**

4. A complete set of BD may be purchased by an interested bidder on submission of a written application to the above office and upon payment of a non-refundable fee of Rs. 10,000/- for each package separately in the shape of Pay Order or Demand Draft in the name of Director General, Sindh Coal Authority.
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9. Please confirm receipt of this invitation immediately in writing by courier or fax. If you do not intend to bid, we would appreciate being so notified also in writing at your earliest opportunity

Yours truly,

  
**Director General**  
**SINDH COAL AUTHORITY**

Bungalow # 16, E - Street, Zamzama Park, DHA, Phase - V, Karachi.  
Phones: (92-21) 99251507, 99251058, Fax : 021-99251038



# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No SCA-23/TW/DG/113/2012  
Karachi, dated September 25, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13  
Bid Reference No: SCA/Phase I/CP-III & IV

M/s. Maqbool Associates (Pvt) Limited  
G-25, Ch. Khaliq-uz-Zaman Road  
Clifton, Block-18, Karachi.  
Fax # 021-35821111

1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot ( Phase I) upto Wango Mor 225 km and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

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- (ii) Rehabilitation of Section from Diwan Sugar Mills to Pinnu Baran (Km 110+250 to 125+500 Badin Sujawal Road) including repair/rehabilitation/reconstruction of structures (Culverts & Bridges) (Length 15.25 km) Contract Package No: SCA/Phase-I/CP-IV

Bidding is open to all Prequalified firms only

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3. Bidders may obtain information by acquiring the bidding documents (BD) from the Office of the procuring agency, upto 15<sup>th</sup> day of October, 2012 during office hours at:-  
**Director General**  
**Sindh Coal Authority**  
**House No 16, E Street, Behind Zamzama Park, DHA Phase V, Karachi.**  
**Telephone No: 021-99251059 – 99251507 Fax No. : 021-99251038**
4. A complete set of BD may be purchased by an interested bidder on submission of a written application to the above office and upon payment of a non-refundable fee of Rs. 10,000/- for each package separately in the shape of Pay Order or Demand Draft in the name of Director General, Sindh Coal Authority.
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9. Please confirm receipt of this invitation immediately in writing by courier or fax. If you do not intend to bid, we would appreciate being so notified also in writing at your earliest opportunity

Yours truly,

  
**Director General**  
**SINDH COAL AUTHORITY**

Bungalow # 16, E – Street, Zamzama Park, DHA, Phase – V, Karachi.  
Phones: (92-21) 99251507, 99251058, Fax : 021-99251038



# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No. SCA/23/TWDG/ 114 /2012  
Karachi, dated September 26, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13  
Bid Reference No: SCA/Phase I/CP-III **LIV**

M/s. Niaz Muhammad Khan & Brothers  
Shah Makki Road, Katcha Qila  
Hyderabad  
Fax # 022-3780383

1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot ( Phase I) upto Wango Mor 225 km and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

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**Sindh Coal Authority**

**House No 16, E Street, Behind Zamzama Park, DHA Phase V, Karachi.**

**Telephone No: 021-99251059 – 99251507 Fax No. : 021-99251038**

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**SINDH COAL AUTHORITY**

Bungalow # 16, E – Street, Zamzama Park, DHA, Phase – V, Karachi.  
Phones: (92-21) 99251507, 99251058, Fax : 021-99251038



# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No. SCA-23/TW/DGI/115/2012  
Karachi, dated. September 26, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13  
Bid Reference No: SCA/Phase I/CP-III & IV

M/s. Umer Jan & Co.  
Plot No.147, Shikarpur Road,  
Nara Stop, Near Khan Service Station  
Sukkur.  
Fax # 071-5632461

1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of **Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot ( Phase I) upto Wango Mor 225 km** and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

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Director General

Sindh Coal Authority

House No 16, E Street, Behind Zamzama Park, DHA Phase V, Karachi.

Telephone No: 021-99251059 – 99251507 Fax No. : 021-99251038

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Director General  
SINDH COAL AUTHORITY

Bungalow # 16, E – Street, Zamzama Park, DHA, Phase – V, Karachi.  
Phones: (92-21) 99251507, 99251058, Fax : 021-99251038





# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No. SCA-23/TWIDGI/116/2012  
Karachi, dated: September 26, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13

Bid Reference No: SCA/Phase 1/CP-III & IV

M/s. Rakhshani Builders (Pvt) Limited  
C-64, Railway Housing Society  
Quetta.  
Fax # 081-2471954

1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot ( Phase I) upto Wango Mor 225 km and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

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- (ii) Rehabilitation of Section from Diwan Sugar Mills to Pinnu Baran (Km 110+250 to 125+500 Badin Sujawal Road) including repair/rehabilitation/reconstruction of structures (Culverts & Bridges) (Length 15.25 km) Contract Package No: SCA/Phase-1/CP-IV

Bidding is open to all Prequalified firms only

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**Director General**

**Sindh Coal Authority**

House No 16, E Street, Behind Zamzama Park, DHA Phase V, Karachi.

Telephone No: 021-99251059 – 99251507 Fax No. : 021-99251038

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SINDH COAL AUTHORITY

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Phones: (92-21) 99251507, 99251058, Fax : 021-99251038



# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No. SCA-23/TW/DG/ 117 /2012  
Karachi, dated: September 26, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13  
Bid Reference No: SCA/Phase I/CP-III & IV

M/s. Haji Sirajuddin Soomro  
41/72, Hamid Plaza Saddar Cantt.  
Hyderabad.  
Fax # 022-2730936

1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot ( Phase I) upto Wango Mor 225 km and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

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# GOVERNMENT OF SINDH SINDH COAL AUTHORITY

No. SCA-23/TW/DG/ 118 /2012  
Karachi, dated September 26, 2012

## NOTICE INVITING TENDERS

Provincial Government Funds: ADP No. 318/2012-13

Bid Reference No: SCA/Phase I/CP-III A IV

M/s. Friends Construction Syndicate (Pvt) Limited  
14-17, Snow White Commercial Complex  
Shara-e-Faisal, Karachi.  
Fax # 021-34325751

1. The Sindh Coal Authority (the "Procuring Agency") has received funds from the Provincial Government towards the cost of **Improvement and Widening of Road Network from Sea Port Karachi to Thar Coalfield Area via Thatta, Badin, Wango, Mithi, Islamkot ( Phase I) upto Wango Mor 225 km** and it is intended that part of the proceeds of the funds will be applied to eligible payments under the contract for the following works/packages:-

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Director General  
SINDH COAL AUTHORITY



Sindh Coal Authority

**GOVERNMENT OF SINDH  
SINDH COAL AUTHORITY**

No.SCA-23(1)/2011-12  
Karachi, 6<sup>th</sup> June, 2012

To,



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

15094  
9/1  
MS

**SUBJECT: HOISTING OF PRE-QUALIFICATION EVALUATION REPORT FOR PRE-QUALIFYING THE FIRMS/CONTRACTORS FOR IMPROVEMENT AND WIDENING OF ROAD NETWORK FROM SEAPORT KARACHI TO THAR COALFIELD AREA VIA THATTA, BADIN, WANGO, MITHI, ISLAMKOT (PHASE-I) UPTO WANGO MOR 225 KMS.**

The pre-qualification evaluation report for pre-qualifying firms/contractors for the subject work is enclosed herewith for favour of information and hoisting on the Authority's Website.

(Abdul Majeed) Pathan  
Director General  
Sindh Coal Authority

Copy to:-

- The Additional Secretary, C&ED Deptt., Sindh.
- The P.S. to Secretary, C&ED Deptt., alongwith copy of above documents for kind perusal of Honourable Secretary and also hoisting on the department's website.
- The Chief Engineer, SCA for favour of information.

# **SINDH COAL AUTHORITY**

## **Prequalification Evaluation Report**

**Improvement and Widening of Road Network from Sea Port Karachi  
to Thar Coal Field Area via Thatta, Badin, Wango, Mithi, Islam Kot  
(Phase I) upto Wango Mor 225 Km.**

### **1.0 Preamble**

The Government of Sindh, Coal & Energy Development Department is taking steps to provide infrastructure to generate power/energy from Coal, which is a natural gift available in mass quantity in the desert area of 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 safe 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, Coal Energy Development Department/Sindh Coal Authority has therefore decided to Rehabilitate, Reconstruct, Widen and Improve / strengthen the existing road from Karachi (Ghagar Railway Crossing) to Thar Coal Field Area via Thatta, Sujawal, Badin, Wango Mor, Mithi and Islam Kot.

To design and construct the Project road on fast track, the Project road is divided into two (2) phases, Phase I and Phase II. Each phase will further be divided in to 4 to 5 contract packages for construction.

For the construction of both the phases it was decided by the SCA to initiate Prequalification of National (Local) Firms/Organizations. Accordingly, Notice Inviting Tender for Prequalification of Contractors was advertised in the news papers.

This Prequalification Evaluation Report is to prequalify the firms/organizations (Applicants) for Phase I i.e. from Karachi (Ghagar Railway Crossing) to Wango Mor.

Pre-qualification is a process to select firms or combination of firms that are suitably experienced in the type of proposed works and construction technology involved, that are financially and managerially sound, and that can mobilize resources in a timely manner to ensure successful execution of the contract. Pre-qualification is then followed by the closed competitive bidding in which only those Applicants meeting the specified criteria are invited to bid.

Pre-qualification Notice for both the phases was published in the national newspapers on 10<sup>th</sup> & 11<sup>th</sup> April, 2012. Pre-qualification Documents were issued as per notified schedule. A total of 29 firms purchased the Pre-qualification Documents, whereas 24 applications were submitted by the firms or as Joint Venture up to 27<sup>th</sup> April 2012, the last date for submission of applications.

## 2.0 Pre-qualification Evaluation Criteria

Pre-qualification evaluation was carried out in accordance with Pass-Fail criteria provided in Prequalification Document.

### 2.1 **Preliminary Examination**

Prior to detailed evaluation, following points were observed to determine the responsiveness of applications and the result is presented in Table-1;

- a. Completeness and verification of Documents.
- b. Eligibility as defined in Documents.
- c. Joint Venture (if applicable) requirements.

In Preliminary Examination, nationality of the applicants was checked in accordance with SPPRA Rule 2 (1) (y) and 15 (2) (b) (i).

SPPRA Rule 2 (1) (y) states "**National Company or Firm** which means any enterprise firm or company set up or incorporated in Pakistan"

SPPRA Rule 15 (2) (b) (i) states "**National Competitive Bidding** shall be the procedure wherein bidding is open only to interested national firms, companies or parties and international firms, companies or parties are not invited for the bidding."

### 2.2 **Detailed Evaluation**

The detailed evaluation was based primarily on following parameters, which were provided in the Prequalification Document, Section II, Evaluation/Qualification Criteria. Following relevant important parameters, which are provided in the SPPRA Rules, were also made part of the detailed evaluation.

- a. Mandatory Provisions/Eligibility
- b. Financial Situation
- c. Experience.

#### 2.2.1 **Mandatory Provisions/Eligibility**

In this section following sub sections were checked and evaluated, as established / documented in PQ document.

- (i) Registration with PEC:  
Firms/Contractors must possess valid registration certificate of PEC in the category C1 (Financial limit of PKR 1,000 million) or above and in discipline (CE01& CE02) for at least 05 years pursuant to Evaluation/Qualification Criteria 1
- (ii) Registration with Income Tax Department:  
Firms/Contractors must possess valid registration certificate from income tax authority (NTN) pursuant to Evaluation/Qualification Criteria 1

( iii ) Conflict of Interest:

As per SPPRA Rule 2 (1) (l), Applicants shall not have the Conflict of Interest. The "Conflict of Interest means:

- (a) where a contractor, supplier or consultant provides, or could provide, or could be perceived as providing biased professional advice to a procuring agency to obtain an undue benefit for himself or those affiliated with him;
- (b) receiving or giving any remuneration directly or indirectly in connection with the assignment except as provided in the contract;
- (c) any engagement in consulting or other procurement activities of a contractor, consultant or service provider that conflicts with his role or relationship with the procuring agency under the contract;
- (d) where an official of the procuring agency engaged in the procurement process has a financial or economic interest in the outcome of the process of procurement, in a direct or an indirect manner;"

(iii) Government Owned Enterprises:

In accordance with SPPRA Rule 29(2) "Government owned enterprises or institutions may participate only if they can establish that they are;

- (a) legally and financially autonomous; and
- (b) operate under commercial law;

Provided that where government owned universities or research centers in the country are of a unique and exceptional nature, and their participation is critical to project implementation, they may be allowed to participate."

(iv) Blacklisting:

Applicant is not black listed pursuant to Evaluation/Qualification Criteria 1 and SPPRA Rule 2 (1) (i). In accordance with SPPRA Rule 2 (1) (i), Blacklisting means:

"Barring a bidder, contractor, consultant or supplier from participating in any future procurement proceedings by the procuring agency"

### 2.2.2 Financial Situation

Under this section following sub sections were checked and evaluated

( i ) Financial Performance:

The Applicants shall submit audited balance sheets for the last three (3) years to demonstrate the current soundness of the

applicant's financial position and its prospective long term profitability. The criteria for financial soundness provided in the Evaluation/Qualification Criteria 1 (F) is:

- **Average Net Working Capital for last 3 years = PKR 70 million**
- **Average Net Worth for last 3 years = PKR 140 million**
- **Cash Flow Requirements = PKR 200 million**

(ii) Average Annual Construction Turnover:

The average annual turnover of the applicant should be equal to or greater than that specified in Evaluation/Qualification Criteria 1 (E) for the last three (3) years as stated herein below as well;

**Average Annual Construction Turnover for last 3 years = PKR 800 million**

### 2.2.3 Experience

Under this section following sub sections were checked and evaluated

(i) General Construction Experience:

The Applicants shall submit that they have the experience under construction contracts in the role of contractor, subcontractor, or management contractor for at least the last ten (10) years prior to the applications submission deadline in accordance with Evaluation/Qualification Criteria 1 (A).

(ii) Experience and Past Performance:

The Applicants have to establish that they have successfully/substantially completed 2 similar assignments having cost of each at least 50% of the project in the last 5 years in accordance with Evaluation/Qualification Criteria 1 (B) (i).  
**Similar Assignments = PKR 350 million each**

Furthermore, in accordance with the Evaluation/Qualification Criteria 1 (B) (ii), the Applicants have to establish that they have executed at least 1 project (out of two contracts mentioned above) in similar geographical condition in last 5 years.

(iii) Current Commitments:

The Applicants have to submit details of projects in hand/progress along with (i) Name of Contract (ii) Value of Contract (iii) Name of employer (iv) Value of outstanding work in PKR (v) Estimated completion date, to substantiate the adequacy of the financial resources to meet the cash flow requirements.

### 2.2.4 Key Personnel Qualification & Experience



The Applicants have to establish that key personnel of required qualification and experience are on their payroll in accordance with Evaluation/Qualification Criteria 1 (C).
















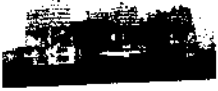










- (i) **Project Manager:** Qualification Msc (Civil) with 7 years experience (3 years relevant experience) or BE (Civil) with 15 years experience (8 years relevant experience).
- (ii) **Planning Engineer:** BE (Civil) with 10 years experience.
- (iii) **Contracts Engineer:** BE (Civil) with 15 years experience.
- (iv) **Structures Engineer:** BE (Civil) with 15 years experience with 10 years relevant experience of bridges.
- (v) **Highway Engineer:** BE (Civil) with 15 years experience with 10 years relevant experience of roads.
- (vi) **Material Engineer:** Msc (Geology) with 15 years experience
- (vii) **Site Engineers:** Qualification: BE (Civil), Number: (2).  
Experience: 3 similar assignments, 8 years experience.
- (viii) **Sr. Surveyors:** Qualification: Diploma in Civil, Number: 01.  
Experience: 3 similar assignment, 10 years experience.
- (ix) **Surveyors:** Qualification: Diploma in Civil, Number: (4).  
Experience: One (1) similar assignment, 5 years experience.
- (x) **Quantity Surveyor:** Qualification: Diploma in Civil, Number: 01.  
Experience: 3 similar assignment, 10 years experience.

### 2.2.5 Equipment

The Applicants have to establish following requirement of plant & equipment pursuant to Evaluation/Qualification Criteria 1 (D).

Sr. No.	Description of Equipment	Capacity & Horse Power	Minimum Requirement for C1 Category Firms (Qty. in No.)
1	Bulldozer 	200 HP	3
2	Motor Grader 	140 HP	- 4

Sr. No.	Description of Equipment	Capacity & Horse Power	Minimum Requirement for C1 Category Firms (Qty. in No.)
3	Vibratory Roller 	10 - 12 Ton	4
4	Pneumatic Roller 	18 - 21 Ton	3
5	Tandem Roller 	8 - 12 Ton	2
6	Wheel Loader 	2.5 Cum	4
7	Plate Compactor 	11 HP (230 KG)	2
8	Dump Truck 	18 Ton	10
9	Dump Truck 	10 Ton	8
10	Excavator 	105 HP	4
11	Water Tanker 	10,000 Ltr	4
12	Aggregate Crushing & Screening Plant 	45 Ton/hr	1
13	Asphalt Plant 	120 Ton/Hr	1
14	Asphalt Distributor 	3,000 Ltr	1
15	Asphalt Paver 	145 HP (3-6m wide)	2

Sr. No.	Description of Equipment	Capacity & Horse Power	Minimum Requirement for C1 Category Firms (Qty. in No.)
16	Concrete Batching Plant 	30 Cum	1
17	Wheel Tractor 	80 Hp	4
18	Concrete Transit Mixer 	6 Cum	2
19	Concrete Vibrator 	5 HP	2
20	Road Marking Machine 	Heavy Duty	1
21	Concrete Mixer 	1 Cum	3
22	Air Compressor 	300 CFM	2
23	Pneumatic Jack Hammer 	-	2
24	Crane 	25 Ton	2
25	Water Pump 	4" Delivery	3
26	Concrete Pump 		2

### 2.2.6 Misleading/false Representation/Poor Performance

Besides above, the applications were also checked to the extent possible within the available time and resource as to any misleading/false representation provided by the Applicant beside the performance exhibited on previous Works.

### **2.2.7 Conditional Pre-qualification**

As provided in Evaluation/Qualification Criteria (C) "Failure to meet experience standards for candidates offered may not result in rejection at this pre-qualification stage; it could result in a Conditional Pre-qualification subject to corrections being made to the satisfaction of the Employer's requirements before bid submission."

Similarly, pursuant to Evaluation/Qualification Criteria (D) "Minor deviation in equipment requirement may not result in rejection at this pre-qualification stage, it could result in a Conditional Pre-qualification subject to corrections being made to the satisfaction of the Employer's requirements before bid submission."

However, no relaxation is considered in experience, financial soundness and other provisions provided in Prequalification Document and/or SPPRA Rules.

### **3.0 Qualification Evaluation**

Prior to qualification evaluation, some of the general observations on applications are discussed below:

#### **3.1 Observations on Applications**

On the basis of Pre-qualification criteria specified herein above, detailed evaluation was carried out. It was generally observed during the process of evaluation that the applicants generally, except few, failed to understand the requirements as laid down in the Pre-qualification Documents. They had not provided PEC registration certificates for 5 years, they had not filled in the forms as required and many deficiencies were observed. For recording specific construction Experience, information provided was again deficient. Most of the Applicants did not fill the forms as desired. In case of financial information, the omissions and mistakes were manifold. The data about blacklisting was also not provided as required and the applicants tend to avoid the same.

#### **3.2 Detailed Evaluation**

The factors stated hereinabove led to affect detailed evaluation of applicants with some flexibility.

Any Applicant failing in meeting specified criteria for eligibility, minimum construction period, average annual turnover, financial soundness, and number and size of similar works executed has been rejected for prequalification.

#### **3.3 Pre-qualification Evaluation Decision**

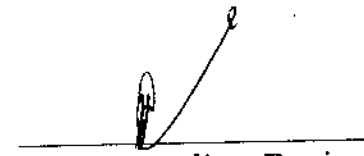
On above lines, Pre-qualification evaluation was carried out. The Pre-qualification Evaluation Decisions are placed as Table 2.1 to 2.3. The Summary of evaluation and detailed evaluation are placed as Annexure-A to this report.

#### 4.0 Recommendations

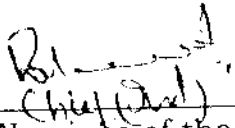
Pre-qualification Evaluation Committee unanimously recommends approval of Proposed Pre-qualification Decision placed at Table-2.1 to 2.3 by chairman tender opening committee, being competent authority.



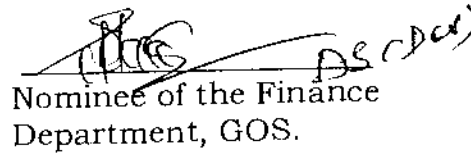
Chief Engineer,  
Sindh Coal Authority



Superintending Engineer,  
Sindh Coal Authority



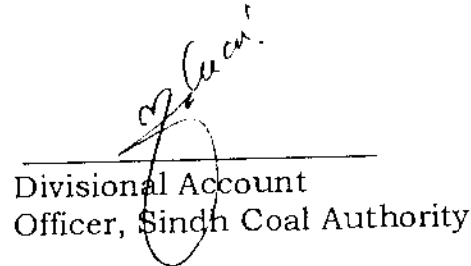
Nominee of the Planning &  
Development Dept., GOS



Nominee of the Finance  
Department, GOS.



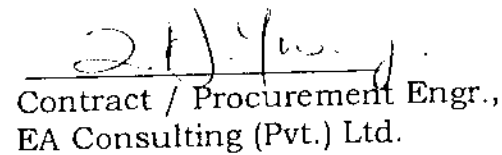
Executive Engineer,  
Sindh Coal Authority



Divisional Account  
Officer, Sindh Coal Authority



The Engineer (Team Leader),  
EA Consulting (Pvt.) Ltd.



Contract / Procurement Engr.,  
EA Consulting (Pvt.) Ltd.

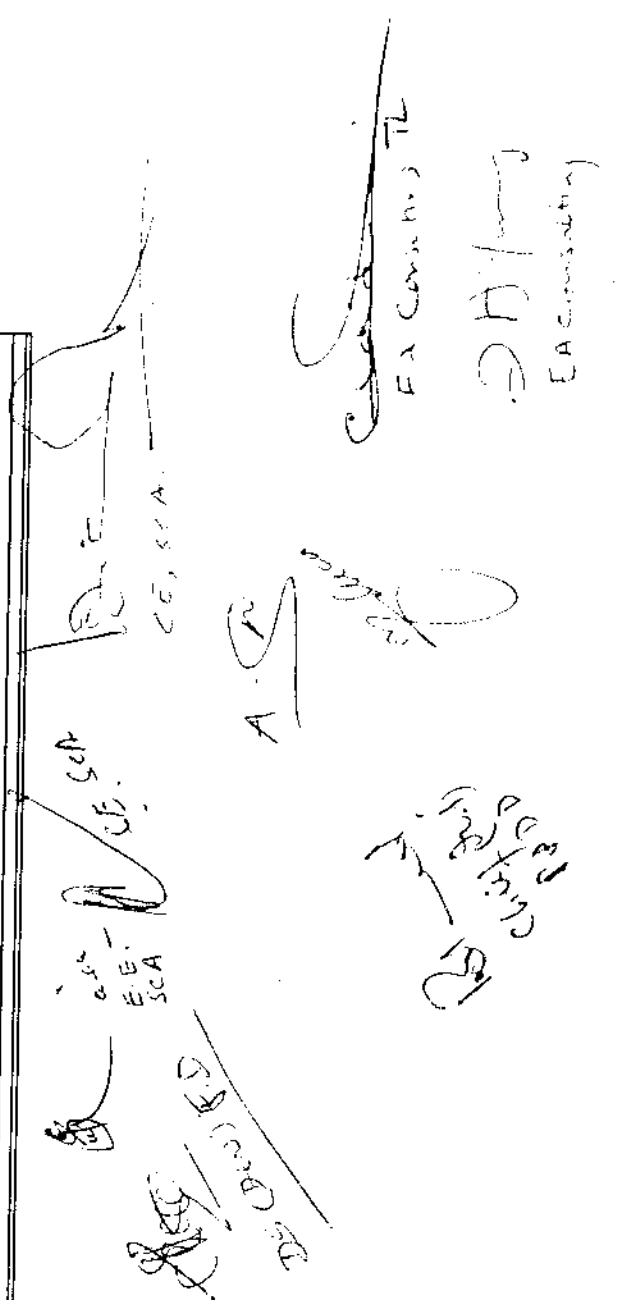


**Chairman**

**Table 2.1  
PROPOSED PRE-QUALIFICATION DECISION**

**Fully Pre-Qualified Applicants:**

SR. NO.	NAME OF FIRMS
1	Zarghoon Enterprises (Pvt) Ltd
2	Niaz Muhammad Khan & Brothers
3	Rakhshani Builders (Pvt) Ltd
4	Mumtaz & Company
5	Umer Jan & Co
6	Muhammad Ramzan & Co
7	Maqbool Associates (Pvt) Limited
8	MAJ & FE Joint venture


  
 E.E. SCA  
 SCA  
 CE, K.A.  
 A.S.  
 FA CONSULT  
 E.A. CONSULTING  
 CRITICAL  
 P.D.



**Table 2.3  
PROPOSED PRE-QUALIFICATION DECISION**

**Rejected Applicants:**

SR. NO.	NAME OF FIRMS	REASONS FOR REJECTION
1	Indusmen Corporation	Failed in Eligibility Criteria of PEC discipline CE-02
2	Reliance Consultancy & Engineering Works (Pvt) Ltd	Failed in Eligibility Criteria of PEC discipline CE-02
3	JV of Shaheen Construction Company and K.A. & Brothers	Incomplete Document submitted
4	Sardar Mohammad Ashraf D Baluch (Pvt) Ltd	Fail in Similar Experience. No project completed in last 5 years
		Incomplete information of Cash flow
		Affidavit for non Blacklisting not provided
		Conditionally Pass in Key Personnel & Equipment
5	Al-Mehran Builders Pak (Pvt) Ltd	Fails in Net Worth
		Fails in Annual Turn Over
		Fails in Cash Flow
		Conditionally Pass in Key Personnel & Equipment
6	MS Electric Services	PEC Registration for 2008 to 2011 not provided
		Blacklisting Affidavit not provided
		Audit Reports not provided
		Fails in Annual Turn Over
		Fails in Experience & Past Performance
		Conditionally Pass in Key Personnel & Equipment
7	National Logistic Cell Engineers	Applicant is not operating under commercial law as required by SPPRA Rule 29
		NTN Certificate not provided
		Fails in Average Networking Capital
		PEC Registration for 2012 and 2008 not provided
		Fails in Key Staff
		Current Commitments and Cash flow not provided
8	RSL - CGC (Joint venture)	Fails in Eligibility Criteria of Nationality
9	Xinjiang Beixin Road & bridge Construction Co. Ltd	Fails in Eligibility Criteria of Nationality
10	Iftikhar & Taha	Failed in Eligibility Criteria of PEC discipline CE-02
		Failed in General Experience as well
		NTN Certificate not provided

*[Handwritten signatures and notes in the right margin, including names like 'Sardar Mohammad Ashraf D Baluch' and 'MS Electric Services', and various initials and dates.]*



