

# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work:  Pak. MDGS.  
Offs. of Road Kop. Shaban Mheer Dagan  
Road to village Mubarak 8 miles Mile 0/002/10/0496

N.I.T No Date: NIT No TC/G-55/3741, Dated: 24/09/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No. \_\_\_\_\_

Date: \_\_\_\_\_

**(Name of Works)** .....

To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of \_\_\_\_\_ and address \_\_\_\_\_

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_

dated: \_\_\_\_\_ Amount \_\_\_\_\_ Bank \_\_\_\_\_ drawn in your

favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)

(Seal)

Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

①

**DETAILED WORKING ESTIMATE**  
**FOR**  
**CONSTRUCTION OF ROAD FROM**  
**KOT GH:MUHAMMAD DHENGAN ROAD TO VILLAGE**  
**MUBARAK BHURGARI DEH 231**  
**MILE 0/0-0/2 (0.40 Km)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.No | Item of work. | Quantity | Rate | Unit. | Amount. |
|------|---------------|----------|------|-------|---------|
|------|---------------|----------|------|-------|---------|

**1 FORMATION:-**

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock ( If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C), Page No. 1&2 MILE 0/0-0/2 (0.40 Km)

3,000,000

**(a) COMPACTING UPTO 85% DENSITY**

As Per Earth Work Statement (Attached)      76000 Cft

Say Qty. 76000 Cft. @ Rs. 3656.23 Per %0 Cft.      Rs. 277,873 /=

**(a) COMPACTION 95-100% DENSITY**

Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2  
 $0.2273 \times 5280 \times 14.00 \times 1.0 \times 1.03 = 17304 \text{ Cft.}$

Say Qty. 17304 Cft. @ Rs. 6190.17 Per %0 Cft.      Rs. 107,115 /=

**2 SUB BASE COURSE:-**

Preparing Sub Base Course by supplying and spreading stone metal of 2"-11/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4

$0.2273 \times 5280 \times 12.00 \times 0.75 \times 1.03 = 11124 \text{ Cft.}$   
 Say Qty. 11124 Cft. @ Rs. 9961.32 Per % Cft.      Rs. 1,108,097 /=

3 BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, Item No.2 (9), Page No. 4

MILE 0/0-0/2 (0.40 Km)

2 x 0.2273 x 5280 x 1.03 = 2472 Rft.  
Say Qty. 2472 Rft. @ Rs. 2729.96 Per % Rft. Rs. 67,485 / =

4 BASE COURSE:-

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications. (Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

3 500 000

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4

MILE 0/0-0/2 (0.40 Km)

Const 0.2273 x 5280 x 12.00 x 0.50 x 1.03 = 7416 Cft.  
= 7416 Cft.  
Say Qty. 7416 Cft. @ Rs. 11027.06 Per % Cft. Rs. 817,767 / =

5 THREE COAT SURFACE TREATMENT:-

Providing surface dressing three coat on new or existing surface with 79 lbs Bitumen of 80/100 penetration and 9.75 cft of crush bajri of required size of 3/4"-3/8", including cleaning the road surface, rolling after each etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8

0.2273 x 5280 x 12.00 x 1.03 = 14832 Sft.  
= 14832 Sft.  
Say Qty. 14832 Sft. @ Rs. 4282.66 Per % Sft. Rs. 635,204 / =

6. EARTH WORK ON BERMS:-

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft. (in ordinary soil)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1

MILE 0/0-0/2 (0.40 Km)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

**ORDINARY**

$$\text{Berms} \quad 2 \times 0.2273 \times 5280 \times \frac{8 + 10}{2} \times 1.00 \times 1.03 = 22248 \text{ Cft.}$$

$$\text{Ded B.edg.} \quad 2 \times 0.2273 \times 5280 \times 0.375 \times 0.75 \times 1.03 = 695 \text{ Cft.}$$

$$\text{Ded 4\% Slop} \quad 2 \times 0.2273 \times 5280 \times 8 \times \frac{0 + 0.32}{2} \times 1.03 = 3164 \text{ Cft.}$$
$$= 18389 \text{ Cft.}$$

$$\text{Say Qty.} \quad 18389 \text{ Cft. @ Rs. 2208.37 Per \%0 Cft.} \quad \text{Rs.} \quad 40,610 / =$$

$$\text{Total} \quad \text{Rs.} \quad 3,054,151 / =$$

**DETAILED WORKING ESTIMATE FOR  
3.00 FEET SPAN R.C.C. SLAB CULVERT  
CONSTRUCTION OF ROAD FROM  
KOT GH:MUHAMMAD DHENGAN ROAD TO VILLAGE  
MUBARAK BHURGARI DEH 231  
MILE 0/0-0/2 (0.40 Km)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = item 18 (b) Page 4&5

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635 | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73  | Cft. |

Total Qty = 1056 Cft.

Qty. 1056 Cft. @ Rs 3176.25 Per %0 Cft. Rs. 3,354 /=-

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |

Total Qty = 239 Cft.

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=-

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (i-c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |

Total Qty = 474 Cft.

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=-

#### 4 CEMENT CONCRETE (1:2:4)

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 ( f ) Page 18

|              |   |   |                |
|--------------|---|---|----------------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50                   | = | 34 Cft.        |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67                   | = | 25 //          |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 | = | 10 //          |
| WW (Coping)  | = 1 x 4 x 4.00 x 0.75 x 0.25                    | = | 3 //           |
|              |   | = | <u>72 Cft.</u> |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft.

Rs. 10,389 /=

#### 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = item 7 (ii-a ) Page 20

|                                     |                             |   |                                  |
|-------------------------------------|-----------------------------|---|----------------------------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 | = | 120.06 lbs                       |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 | = | 133.40 //                        |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 | = | 249.19 //                        |
| Slab Distt: bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 | = | 45.09 //                         |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375  | = | 11.25 //                         |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167  | = | 6.68 //                          |
|                                     |                             |   | <u>Total in lbs = 565.67 lbs</u> |
|                                     |                             |   | <u>Total in Cwt. = 5.05 Cwt</u>  |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt.

Rs. 24,342 /=



### 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (1) Page 18 & 19

$$\text{Slab} = 1 \times 1 \times 30.25 \times 4.00 \times 0.66 = 80 \text{ Cft.}$$

Qty. 80 Cft. @ Rs 337.00 Per Cft. Rs. 26,960 /=

### 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

$$\text{Bed Flooring} = 1 \times 30.25 \times 2.25 = 68 \text{ Sft.}$$

Qty. 68 Sft. @ Rs 5256.63 Per % Sft. Rs. 3,575 /=

### 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

$$\text{Parapet Wall} = 1 \times 2 \times 2 \times 5.25 \times 1.12 = 24 \text{ Sft.}$$

$$\text{// (sides)} = 1 \times 2 \times 2 \times \frac{0.50 + 1.12}{2} \times 1.12 = 4 //$$

$$\text{Total Qty} = 28 \text{ Sft.}$$

Qty. 28 Sft. @ Rs 3127.41 Per % Sft. Rs. 876 /=

9 CEMENT PLASTER RATIO 1:3

Cement Plaster 1:3 upto 20.0' height. 1/2" thick

Schedule of Rate Vol: III Part - II = item 10 (b) Page 58

|               |                        |   |     |      |
|---------------|------------------------|---|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182 | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67  | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12  | //   |
|               |                        | = | 261 | Sft. |

Qty. 261 Sft. @ Rs 2344.59 Per % Sft. Rs. 6,119 /=

Total Rs. 157,377 /=

**INVITATION FOR BIDS**

**Date: 03-12-2011**

**Bid Reference No.: 1527**

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,"

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders Clause Reference

1.1 Name of Executive Engineer ..... Highway Division Mirpurkhas

### Brief Description of Works

.....  
(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer ..... Highway Division Mirpurkhas  
Office Phone No .....

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity: *(mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for boring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security 02% of Estimate cost

14.1 Period of Bid Validity 90-Days

14.4 Number of Copies of the Bid to be submitted: 02 original copy.

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_.

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)

**SCHEDULE - F TO BID**

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**

# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: (2) *CAHA Road ch. Sultan 10<sup>th</sup> Mile. Mbr. 4.c. Mirpurkhas  
T. Killa. K.S.N. 0/a. 02+330 (0.50KSM).*

N.I.T No Date: NIT No TC/G-55/374/, Dated: 24/04/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

Ad D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

(Name of Works) .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of \_\_\_\_\_ and address \_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount \_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
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8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_

*(Name of Bidder in Block Capitals)*

*(Seal)*

Address

\_\_\_\_\_

—

\_\_\_\_\_

—

\_\_\_\_\_

—

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

—



(2)

**DETAILED WORKING ESTIMATE**

**F O R**  
**CONSTRUCTION OF ROAD**  
**CHUDHARY SULTAN 10 MILE MORI**  
**UC MIR GHULAM HUSSAIN**  
**MILE 0/0-0/2+330 (0.50 Km)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.No | Item of work.   | Quantity | Rate | Unit.     | Amount.      |
|------|---|----------|------|-----------|--------------|
| 1    | <b>FORMATION:-</b><br>Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock ( If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C), Page No. 1&2<br>MILE 0/0-0/2+330 (0.50 Km)<br><u>(a) COMPACTING UPTO 85% DENSITY</u><br><br>As Per Earth Work Statement (Attached)  |          |      |           | 3,600,000    |
|      |   |          |      | 95800 Cft |              |
|      | Say Qty. 95800 Cft. @ Rs. 3656.23 Per %0 Cft.   |          |      | Rs.       | 350,267 /=   |
|      | <u>(a) COMPACTION 95-100% DENSITY</u><br>Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2<br>0.2871 x 5280 x 14.00 x 1.0 x 1.03 = 21861 Cft.   |          |      |           |              |
|      | Say Qty. 21861 Cft. @ Rs. 6190.17 Per %0 Cft.   |          |      | Rs.       | 135,323 /=   |
| 2    | <b>SUB BASE COURSE:-</b><br>Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.<br><br>Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4<br><br>0.2871 x 5280 x 12.00 x 0.75 x 1.03 = 14053 Cft. |          |      |           |              |
|      | Say Qty. 14053 Cft. @ Rs. 9402.59 Per %0 Cft.   |          |      | Rs.       | 1,321,346 /= |

3 BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, Item No.2 (9), Page No. 4  
MILE 0/0-0/2+330 (0.50 Km)

2 x 0.2871 x 5280 x 1.03 = 3123 Rft.  
Say Qty. 3123 Rft. @ Rs. 2729.96 Per % Rft. Rs. 85,257 /=

4 BASE COURSE:-

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications. (Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

3,500,000

0

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4  
MILE 0/0-0/2+330 (0.50 Km)

Const 0.2871 x 5280 x 12.00 x 0.50 x 1.03 = 9369 Cft.  
= 9369 Cft.  
Say Qty. 9369 Cft. @ Rs. 10448.79 Per % Cft. Rs. 978,947 /=

5 THREE COAT SURFACE TREATMENT:-

Providing surface dressing three coat on new or existing surface with 79 lbs Bitumen of 80/100 penetration and 9.75 cft of crush bajri of required size of 3/4"-3/8", including cleaning the road surface, rolling after each etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3

Sch. of Rate, vol-III Part - VI, Item No.12(C-b), Page No. 6-8

0.2871 x 5280 x 12.00 x 1.03 = 18738 Sft.  
= 18738 Sft.  
Say Qty. 18738 Sft. @ Rs. 4243.95 Per % Sft. Rs. 795,231 /=

6 EARTH WORK ON BERMS:-

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft. (in ordinary soil)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1

MILE 0/0-0/2+330 (0.50 Km)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

**ORDINARY**

$$\text{Berms} \quad 2 \times 0.2871 \times 5280 \times \frac{8 + 10}{2} \times 1.00 \times 1.03 = 28107 \text{ Cft.}$$

$$\text{Ded B.edg.} \quad 2 \times 0.2871 \times 5280 \times 0.375 \times 0.75 \times 1.03 = 878 \text{ Cft.}$$

$$\text{Ded 4\% Slop} \quad 2 \times 0.2871 \times 5280 \times 8 \times \frac{0 + 0.32}{2} \times 1.03 = 3997 \text{ Cft.}$$
$$= 23232 \text{ Cft.}$$

$$\text{Say Qty.} \quad 23232 \text{ Cft. @ Rs. 2208.37 Per \%0 Cft.} \quad \text{Rs.} \quad 51,305 \text{ /-}$$

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$$\text{Total} \quad \text{Rs.} \quad 3,717,676 \text{ /-}$$

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**DETAILED WORKING ESTIMATE FOR**  
**3.00 FEET SPAN R.C.C. SLAB CULVERT**  
**CONSTRUCTION OF ROAD**  
**CHUDHARY SULTAN 10 MILE MORI**  
**UC MIR GHULAM HUSSAIN**  
**MILE 0/0-0/2+330 (0.50 Km)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming, lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = item 18 (b) Page 4&5

|               |                                 |      |      |
|---------------|---------------------------------|------|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635  | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73   | Cft. |
| Total Qty =   |                                 | 1056 | Cft. |

Qty. 1056 Cft. @ Rs 3176.25 Per %0 Cft. Rs. 3,354 /=

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |
| Total Qty =   |                                 | 239 | Cft. |

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (I-c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |
| Total Qty =   |                                 | 474 | Cft. |

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=

#### 4. CEMENT CONCRETE (1:2:4)

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 (f) Page 18

|              |   |   |                |
|--------------|---|---|----------------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50                   | = | 34 Cft.        |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67                   | = | 25 //          |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 | = | 10 //          |
| WW (Coping)  | = 1 x 4 x 4.00 x 0.75 x 0.25                    | = | 3 //           |
|              |   | = | <u>72 Cft.</u> |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=

#### 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = item 7 (ji-a) Page 20

|                                     |                             |   |                                  |
|-------------------------------------|-----------------------------|---|----------------------------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 | = | 120.06 lbs                       |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 | = | 133.40 //                        |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 | = | 249.19 //                        |
| Slab Distt: bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 | = | 45.09 //                         |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375  | = | 11.25 //                         |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167  | = | 6.68 //                          |
|                                     |                             |   | <u>Total in lbs = 565.67 lbs</u> |
|                                     |                             |   | Total in Cwt. = 5.05 Cwt         |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt. Rs. 24,342 /=

## 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (i) Page 18 & 19

$$\text{Slab} = 1 \times 1 \times 30.25 \times 4.00 \times 0.66 = 80 \text{ Cft.}$$

Qty. 80 Cft. @ Rs 337.00 Per Cft. Rs. 26,960 /=

## 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

$$\text{Bed Flooring} = 1 \times 30.25 \times 2.25 = 68 \text{ Sft.}$$

Qty. 68 Sft. @ Rs 5256.63 Per % Sft. Rs. 3,575 /=

## 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

$$\begin{aligned} \text{Parapet Wall} &= 1 \times 2 \times 2 \times 5.25 \times 1.12 = 24 \text{ Sft.} \\ // \text{ (sides)} &= 1 \times 2 \times 2 \times \frac{0.50 + 1.12}{2} \times 1.12 = 4 // \\ \text{Total Qty} &= 28 \text{ Sft.} \end{aligned}$$

Qty. 28 Sft. @ Rs 3127.41 Per % Sft. Rs. 876 /=

**9 CEMENT PLASTER RATIO 1:3**

Cement Plaster 1:3 upto 20.0' height. 1/2" thick

Schedule of Rate Vol: III Part - II = item 10 (b) Page 58

|               |                        |   |            |      |
|---------------|------------------------|---|------------|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182        | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67         | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12         | //   |
|               |                        | = | <u>261</u> | Sft. |

|      |     |      |              |              |                       |
|------|-----|------|--------------|--------------|-----------------------|
| Qty. | 261 | Sft. | @ Rs 2344.59 | Per % Sft.   | Rs. 6,119 /=          |
|      |     |      |              | <b>Total</b> | <u>Rs. 157,377 /=</u> |

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## INVITATION FOR BIDS

Date: 03-12-2011

Bid Reference No.: 1527

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. 10000/- (Rupees Ten Thousand) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]



## INSTRUCTIONS TO BIDDERS

(Note: *These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed*).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders Clause Reference

1.1 Name of Executive Engineer ..... Highway Division Mirpurkhas

### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer ..... Highway Division Mirpurkhas  
Office Phone No .....

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity: *(mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security 02% of Estimate cost**

**14.1 Period of Bid Validity 90-Days**

**14.4 Number of Copies of the Bid to be submitted: 02 original copy.**

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

*Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)*

## SCHEDULE - F TO BID

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**

# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: (3) Self load village Rasid Buzhi to village Rafique  
Bhagwan. U.C. Dandapur 0-0/02+330 (0.50 km).

N.I.T No Date: NIT No TC/G-55/3741, Dated: 24/04/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

**(Name of Works)** .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of \_\_\_\_\_ and address \_\_\_\_\_

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount

\_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.



(3)  
**DETAILED WORKING ESTIMATE**

**F O R**

**CONSTRUCTION OF ROAD**

**AT VILLAGE ABDUL RASHEED TO MUHAMMAD**

**RAFIQUE *Bujho***

**MILE 0/0-0/2+330 (0.50 Kms)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.No | Item of work.   | Quantity                              | Rate | Unit.      | Amount.    |
|------|---|---------------------------------------|------|------------|------------|
| 1    | <b>FORMATION:-</b><br>Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock ( If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C), Page No. 1&2 MILE 0/0-0/2+330 (0.50 Kms)  |                                       |      |            |            |
|      | <b>(a) COMPACTING UPTO 85% DENSITY ORDINARY</b><br>As Per Earth Work Statement (Attached)   |                                       |      | 96700 Cft  |            |
|      | Say Qty. 96700 Cft. @ Rs. 3656.23 Per %0 Cft.   |                                       |      | Rs.        | 353,557 /= |
|      | <b>(b) COMPACTION 95-100% DENSITY ORDINARY</b><br>Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2   |                                       |      |            |            |
|      |   | 0.3125 x 5280 x 14.00 x 1.0 x 1.03 =  |      | 23793 Cft. |            |
|      |   |                                       |      | =          | 23793 Cft. |
|      | Say Qty. 23793 Cft. @ Rs. 6190.17 Per %0 Cft.   |                                       |      | Rs.        | 147,283 /= |
| 2    | <b>SUB BASE COURSE:-</b><br>Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.<br>Sch. of Rate, vol-III Part - VI, Item No.2 (8) C, Page No. 3 & 4 |                                       |      |            |            |
|      |   | 0.3125 x 5280 x 12.00 x 0.50 x 1.03 = |      | 10197 Cft. |            |
|      |   |                                       |      | =          | 10197 Cft. |
|      | Say Qty. 10197 Cft. @ Rs. 8657.62 Per % Cft.  |                                       |      | Rs.        | 882,818 /= |

**3 BRICK ON EDGING:-**

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (9), Page No. 4  
MILE 0/0-0/2+330 (0.50 Kms)

$$2 \times 0.3125 \times 5280 \times 1.03 = 3399 \text{ Rft.}$$

$$= 3399 \text{ Rft.}$$

Say Qty. 3399 Rft. @ Rs. 2729.96 Per % Rft. Rs. 92,791 / =

**4 BASE COURSE:-**

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications. (Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4  
MILE 0/0-0/2+330 (0.50 Kms)

$$0.3125 \times 5280 \times 12.00 \times 0.50 \times 1.03 = 10197 \text{ Cft.}$$

$$= 10197 \text{ Cft.}$$

Say Qty. 10197 Cft. @ Rs. 9677.78 Per % Cft. Rs. 986,843 / =

**5 3 COAT SURFACE TREATMENT:-**

Providing surface dressing three coat on new or existing surface with 79 lbs Bitumen of 80/100 penetration and 9.75 cft of crush bajri of required size of 3/4"-3/8", including cleaning the road surface, rolling after each etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3 chains)

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8  
MILE 0/0-0/2+330 (0.50 Kms)

$$0.3125 \times 5280 \times 12.00 \times 1.03 = 20394 \text{ Sft.}$$

$$= 20394 \text{ Sft.}$$

Say Qty. 20394 Sft. @ Rs. 4184.12 Per % Sft. Rs. 853,309 / =



7 EARTH WORK ON BERMS:-

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft.

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1  
MILE 0/0-0/2+330 (0.50 Kms)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

85

|             |   |   |                   |
|-------------|---|---|-------------------|
| Berms       | $2 \times 0.3125 \times 5280 \times \frac{8 + 10}{2} \times 1.00 \times 1.03$ | = | 30591 Cft.        |
| Ded B.edg.  | $2 \times 0.3125 \times 5280 \times 0.375 \times 0.75 \times 1.03$            | = | 956 Cft.          |
| Ded 4% Slop | $2 \times 0.3125 \times 5280 \times 8 \times \frac{0 + 0.32}{2} \times 1.03$  | = | 4351 Cft.         |
|             |   | = | <u>25284 Cft.</u> |

Say Qty. 25284 Cft. @ Rs. 3656.23 Per %0 Cft. Rs. 92,444 /=-

Total Rs. 3,409,045 /=-

Add Contingencies 1 %

**DETAILED WORKING ESTIMATE FOR  
3.00 FEET SPAN R.C.C. SLAB CULVERT**

**CONSTRUCTION OF ROAD**

**AT VILLAGE ABDUL RASHEED TO MUHAMMAD**

**RAFIQUE**

**MILE 0/0-0/2+330 (0.50 Kms)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including daggelling dressing, refilling around structure with excavated earth, watering and ramming. lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = Item 18 (b) Page 4&5

|                  |                                 |             |             |
|------------------|---------------------------------|-------------|-------------|
| Trench           | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635         | Cft.        |
| Abutment Wall    | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348         | Cft.        |
| Wing Wall        | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73          | Cft.        |
| <b>Total Qty</b> | <b>=</b>                        | <b>1056</b> | <b>Cft.</b> |

Qty. 1056 Cft. @ Rs 3176.25 Per % Cft. Rs. 3,354 /=-

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|                  |                                 |            |             |
|------------------|---------------------------------|------------|-------------|
| Abutment Wall    | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174        | Cft.        |
| Bed              | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34         | Cft.        |
| Wing Wall        | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31         | Cft.        |
| <b>Total Qty</b> | <b>=</b>                        | <b>239</b> | <b>Cft.</b> |

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=-

**3 PUGCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 1 (f) Page 24

|                  |                                 |            |             |
|------------------|---------------------------------|------------|-------------|
| Abutment Wall    | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114        | Cft.        |
| Wing Wall        | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30         | //          |
| Abutment Wall    | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182        | //          |
| Wing Wall        | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48         | //          |
| Abutment Wall    | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68         | //          |
| Wing Wall        | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18         | //          |
| Wing Wall        | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14         | //          |
| <b>Total Qty</b> | <b>=</b>                        | <b>474</b> | <b>Cft.</b> |

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=-

**4 CEMENT CONCRETE (1:2:4)**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 (f) Page 18

|              |   |           |             |
|--------------|---|-----------|-------------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50 =                   | 34        | Cft.        |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67 =                   | 25        | //          |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 10        | //          |
| W/W (Coping) | = 1 x 4 x 4.00 x 0.75 x 0.25 =                    | 3         | //          |
|              |   | <b>72</b> | <b>Cft.</b> |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=-

## 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = item 7 (ii-g) Page 20

|                                     |                               |            |
|-------------------------------------|-------------------------------|------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 = | 120.06 lbs |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 = | 133.40 //  |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 = | 249.19 //  |
| Slab Distt. bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 = | 45.09 //   |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375 =  | 11.25 //   |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167 =  | 6.68 //    |
|                                     | Total in lbs =                | 565.67 lbs |
|                                     | Total in Cwt. =               | 5.05 Cwt   |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt.

Rs. 24,342 /=-

## 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle).R.C.work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (i) Page 18 & 19

Slab = 1 x 1 x 30.25 x 4.00 x 0.66 = 80 Cft.

Qty. 80 Cft. @ Rs 337.00 Per Cft.

Rs. 26,960 /=-

## 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

Bed Flooring = 1 x 30.25 x 2.25 = 68 Sft.

Qty. 68 Sft. @ Rs 5256.63 Per % Sft.

Rs. 3,575 /=-

## 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = Item 18 (b-ii) Page 21

Parapet Wall = 1 x 2 x 2 x 5.25 x 1.12 = 24 Sft.

// (sides) = 1 x 2 x 2 x  $\frac{0.50 + 1.12}{2}$  x 1.12 = 4 //

Total Qty = 28 Sft.

Qty. 28 Sft. @ Rs 3127.41 Per % Sft.

Rs. 876 /=-

9 CEMENT PLASTER RATIO 1:3

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = Item 10 (b) Page 58

|               |                        |   |     |      |
|---------------|------------------------|---|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182 | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67  | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12  | //   |
|               |                        | = | 261 | Sft. |

Qty. 261 Sft. @ Rs 2344.59 Per % Sft.

Total

Rs. 6,119 /=-

Rs. 157,377 /=-

## INVITATION FOR BIDS

Date: 03-12-2011

Bid Reference No.: 1527

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: (These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas□) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works□).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (Where required).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

1.1 Name of Executive Engineer ..... Highway Division Mirpurkhas

#### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer ..... Highway Division Mirpurkhas

Office Phone No .....

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity: *(mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security 02% of Estimate cost

14.1 Period of Bid Validity 90-Days

14.4 Number of Copies of the Bid to be submitted: 02 original copy.

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

*Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)*

**SCHEDULE – F TO BID**

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**



# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: (4) *CoHA Road Hu700r Raw Chadiya c. Belediala.*  
*T.M.K. & M.M. J. 1.001.5925*

N.I.T No Date: NIT No TC/G-55/374 /, Dated: 24 / 04 / 2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

**(Name of Works)** .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount

\_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)

(Seal)

Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**DETAILED WORKING ESTIMATE** (4)  
**F O R**  
**CONSTRUCTION OF ROAD**  
**VILLAGE HUZOOR BUX CHANDIO**  
**UC BALOCHABAD**  
**MILE 0/0-0/5 (1.00 KM)**  
**MEASUREMENT CUM ABSTRACT SHEET**

| S.No | Item of work. | Quantity | Rate | Unit. | Amount. |
|------|---------------|----------|------|-------|---------|
|------|---------------|----------|------|-------|---------|

**1 FORMATION:-**

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock (If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C), Page No. 1&2 MILE 0/0-0/5 (1.00 KM)

**(a) COMPACTING UPTO 85% DENSITY ORDINARY**

As Per Earth Work Statement (Attached)

132100 Cft

Say Qty. 132100 Cft. @ Rs. 3656.23 Per %0 Cft. Rs. 482,988 /=

**(b) COMPACTION 95-100% DENSITY ORDINARY**

Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2

$0.6042 \times 5280 \times 14.00 \times 1.0 \times 1.03 = 46000 \text{ Cft.}$

= 46000 Cft.

Say Qty. 46000 Cft. @ Rs. 6190.17 Per %0 Cft. Rs. 284,748 /=

**2 SUB BASE COURSE:-**

Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in gauge of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and gauge from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4

$0.6042 \times 5280 \times 12.00 \times 0.50 \times 1.03 = 19714 \text{ Cft.}$

= 19714 Cft.

Say Qty. 19714 Cft. @ Rs. 9262.91 Per %0 Cft. Rs. 1,826,090 /=

**3 BRICK ON EDGING:-**

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (9), Page No. 4  
MILE 0/0-0/5 (1.00 KM)

$$2 \times 0.6042 \times 5280 \times 1.03 = 6571 \text{ Rft.}$$

$$= 6571 \text{ Rft.}$$

Say Qty. 6571 Rft. @ Rs. 2729.96 Per % Rft. Rs. 179,386 /=

**4 BASE COURSE:-**

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications.(Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4  
MILE 0/0-0/5 (1.00 KM)

$$0.6042 \times 5280 \times 12.00 \times 0.50 \times 1.03 = 19714 \text{ Cft.}$$

$$= 19714 \text{ Cft.}$$

Say Qty. 19714 Cft. @ Rs. 10304.23 Per % Cft. Rs. 2,031,376 /=

**5 3 COAT SURFACE TREATMENT:-**

Providing surface dressing three coat on new or existing surface with 79 lbs Bitumen of 80/100 penetration and 9.75 cft of crush bajri of required size of 3/4"-3/8", including cleaning the road surface, rolling after each etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3 chains)

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8  
MILE 0/0-0/5 (1.00 KM)

$$0.6042 \times 5280 \times 12.00 \times 1.03 = 39428 \text{ Sft.}$$

$$= 39428 \text{ Sft.}$$

Say Qty. 39428 Sft. @ Rs. 4229.87 Per % Sft. Rs. 1,667,753 /=

7 EARTH WORK ON BERMS:-

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft. (in ordinary soil)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1  
MILE 0/0-0/5 (1.00 KM)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

**ORDINARY**

|             |                   |                    |                               |     |                      |
|-------------|-------------------|--------------------|-------------------------------|-----|----------------------|
| Berms       | 2 x 0.6042 x 5280 | $\frac{8 + 10}{2}$ | x 1.00 x 1.03                 | =   | 59143 Cft.           |
| Ded B.edg.  | 2 x 0.6042 x 5280 | x 0.375            | x 0.75 x 1.03                 | =   | 1848 Cft.            |
| Ded 4% Slop | 2 x 0.6042 x 5280 | x 8                | x $\frac{0 + 0.32}{2}$ x 1.03 | =   | 8411 Cft.            |
|             |                   |                    |                               | =   | <u>48884 Cft.</u>    |
| Say Qty.    | 48884 Cft.        | @ Rs. 2208.37      | Per %0 Cft.                   | Rs. | <u>107,954 /=-</u>   |
|             |                   |                    | <b>Total</b>                  | Rs. | <u>6,580,295 /=-</u> |

**DETAILED WORKING ESTIMATE FOR  
3.00 FEET SPAN R.C.C. SLAB CULVERT  
CONSTRUCTION OF ROAD  
VILLAGE HUZOOR BUX CHANDIO  
UC BALOCHABAD  
MILE 0/0-0/5 (1.00 KM)  
MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming. lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = item 18 (b) Page 4&5

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635 | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73  | Cft. |

Total Qty = 1056 Cft.

Qty. 1056 Cft. @ Rs 3176.25 Per % Cft. Rs. 3,354 /=-

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |

Total Qty = 239 Cft.

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=-

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (i-c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |

Total Qty = 474 Cft.

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=-

**4 CEMENT CONCRETE (1:2:4)**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 (f) Page 18

|              |   |    |         |
|--------------|---|----|---------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50 =                   | 34 | Cft.    |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67 =                   | 25 | //      |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 10 | //      |
| WW (Coping)  | = 1 x 4 x 4.00 x 0.75 x 0.25 =                    | 3  | //      |
|              |   | =  | 72 Cft. |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=-

## 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = Item 7 (ii-a) Page 20

|                                     |                               |            |
|-------------------------------------|-------------------------------|------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 = | 120.06 lbs |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 = | 133.40 //  |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 = | 249.19 //  |
| Slab Distt: bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 = | 45.09 //   |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375 =  | 11.25 //   |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167 =  | 6.68 //    |

Total in lbs = 565.67 lbs

Total in Cwt. = 5.05 Cwt

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt.

Rs. 24,342 /=-

## 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle).R.C.work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (1) Page 18 & 19

Slab = 1 x 1 x 30.25 x 4.00 x 0.66 = 80 Cft.

Qty. 80 Cft. @ Rs 337.00 Per Cft.

Rs. 20,960 /=-

## 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

Bed Flooring = 1 x 30.25 x 2.25 = 68 Sft.

Qty. 68 Sft. @ Rs 5256.63 Per % Sft.

Rs. 3,575 /=-

## 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood ( 2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = Item 18 (b-ii) Page 21

Parapet Wall = 1 x 2 x 2 x 5.25 x 1.12 = 24 Sft.

// (sides) = 1 x 2 x 2 x  $\frac{0.50 + 1.12}{2}$  x 1.12 = 4 //

Total Qty = 28 Sft.

Qty. 28 Sft. @ Rs 3127.41 Per % Sft.

Rs. 876 /=-



9 **CEMENT PLASTER RATIO 1:3**

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = Item 10 (b) Page 58

|               |                        |   |     |      |
|---------------|------------------------|---|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182 | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67  | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12  | //   |
|               |                        | = | 261 | Sft. |

Qty. 261 Sft. @ Rs 2344.59 Per % Sft. Rs. 6,119 /=

Total Rs. 157,377 /=

**DETAILED WORKING ESTIMATE FOR**  
**12 FEET SPAN R.C.C. SLAB BRIDGE**  
**CONSTRUCTION OF ROAD FROM**  
**VILLAGE MUHAMMAD UMER BUGHIO ROAD TO VILLAGE**  
**SHAHMIR KHASKHELI UC- MAKHAN SAMOON**  
**MILE : 0/0 -0/5 (1.00 KMS)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming.lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = item 18 (b) Page 4&5

|        |                                |   |             |      |
|--------|--------------------------------|---|-------------|------|
| Trench | = 1 x 1 x 25.50 x 27.00 x 6.00 | = | 4131        | Cft. |
| A/Wall | = 1 x 2 x 25.50 x 6.00 x 5.50  | = | 1683        | Cft. |
| W/Wall | = 1 x 4 x 10.00 x 5.00 x 5.50  | = | 1100        | Cft. |
| Bed    | = 1 x 1 x 25.50 x 14.00 x 1.25 | = | 446         | Cft. |
|        |                                | = | <u>7360</u> | Cft. |

Qty. 7360 Cft. @ Rs 3176.25 Per % Cft.

Rs. 23,377 /=-

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|               |                                |   |     |      |
|---------------|--------------------------------|---|-----|------|
| Abutment Wall | = 1 x 2 x 25.50 x 6.00 x 1.50  | = | 459 | Cft. |
| Wing Wall     | = 1 x 4 x 10.00 x 5.00 x 1.50  | = | 300 | Cft. |
| Bed           | = 1 x 1 x 25.50 x 14.00 x 0.75 | = | 268 | Cft. |

Total Qty

= 1027 Cft.

Qty. 1027 Cft. @ Rs 9416.28 Per % Cft.

Rs. 96,705 /=-

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (i-c) Page 24

|               |  |   |     |      |
|---------------|--|---|-----|------|
| Abutment Wall | = 1 x 2 x 25.50 x 5.00 x 2.00                    | = | 510 | Cft. |
| Abutment Wall | = 1 x 2 x 25.50 x 4.00 x 2.00                    | = | 408 | //   |
| Abutment Wall | = 1 x 2 x 25.50 x 3.00 x 2.00                    | = | 306 | //   |
| Abutment Wall | = 2 x 1 x 25.50 x $\frac{3.00 + 2.00}{2}$ x 4.00 | = | 510 | //   |
| Wing Wall     | = 1 x 4 x 10.00 x 4.00 x 2.00                    | = | 320 | //   |
| Wing Wall     | = 1 x 4 x 10.00 x 3.00 x 2.00                    | = | 240 | //   |
| Wing Wall     | = 1 x 4 x 10.00 x 2.00 x 2.00                    | = | 160 | //   |
| Wing Wall     | = 1 x 4 x 10.00 x $\frac{2.00 + 1.50}{2}$ x 5.00 | = | 350 | //   |

Total Qty

= 2804 Cft.

Qty. 2804 Cft. @ Rs 12501.41 Per % Cft.

Rs. 350,540 /=-

#### 4 CEMENT CONCRETE (1:2:4)

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 ( f ) Page 18

|               |                                |   |                 |
|---------------|--------------------------------|---|-----------------|
| Bed Plate     | = 1 x 2 x 25.50 x 2.00 x 1.00  | = | 102 Cft.        |
| Coping W.wall | = 1 x 4 x 10.00 x 1.50 x 0.50  | = | 30 //           |
| Side of Slab  | = 1 x 2 x 25.50 x 1.50 x 1.50  | = | 115 //          |
| Kerbing Wall  | = 1 x 2 x 25.50 x 1.25 x 1.00  | = | 64 //           |
| Railing Base  | = 0 x 2 x 25.50 x 1.50 x 1.25  | = | 0 //            |
| Railing Ver   | = 2 x 3 x 1.00 x 0.50 x 3.50   | = | 11 //           |
| Railing Hor   | = 2 x 4 x 8.50 x 0.50 x 0.50   | = | 17 //           |
| Bed Flooring  | = 1 x 2 x 25.50 x 14.00 x 0.50 | = | 357 //          |
|               |                                | = | <u>696 Cft.</u> |

Qty. 696 Cft. @ Rs 14429.25 Per % Cft.

Rs. 100,428 /=

#### 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = item 7 (ii- a ) Page 20

|                                   |                              |   |            |
|-----------------------------------|------------------------------|---|------------|
| Bed Plates 1/2" dia bars          | = 2 x 1 x 8 x 25.50 x 0.667  | = | 272.14 lbs |
| Bed Plates 1/2" dia bars          | = 1 x 1 x 36 x 7.36 x 0.167  | = | 44.25 lbs  |
| Slab Main bars 1" dia ( bentup)   | = 1 x 1 x 82 x 15.50 x 2.670 | = | 3393.6 //  |
| Slab Main bars 1" dia ( straight) | = 1 x 1 x 28 x 13.50 x 2.670 | = | 1009.26 // |
| Slab Distt; bars 1/2" dia         | = 1 x 1 x 51 x 25.50 x 0.667 | = | 867.43 //  |
| Parapet Wall 1/2" dia bars        | = 1 x 1 x 22 x 5.00 x 0.667  | = | 73.37 //   |
| Parapet Wall 1/4" dia bars        | = 1 x 1 x 6 x 11.00 x 0.167  | = | 11.02 //   |

Total in lbs = 5671.04 lbs

Total in Cwt. = 50.63 Cwt

Rs. 244,047 /=

Qty. 50.63 Cwt. @ Rs 4820.20 Per Cwt.

#### 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle).R.C.work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a ( i ) Page 18 & 19

|      |                                |   |          |
|------|--------------------------------|---|----------|
| Slab | = 1 x 1 x 25.50 x 16.00 x 1.50 | = | 612 Cft. |
|------|--------------------------------|---|----------|

Qty. 612 Cft. @ Rs 337.00 Per Cft.

Rs. 206,244 /=

### 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C.  
or plain cement concrete works of Partal wood  
(2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

|              |                            |   |          |
|--------------|----------------------------|---|----------|
| Bed Plate    | = 1 x 1 x 2 x 25.50 x 1.00 | = | 51 Sft.  |
| Copping Wall | = 1 x 2 x 2 x 10.00 x 0.50 | = | 20 Sft.  |
| Railing Base | = 1 x 1 x 2 x 25.50 x 1.25 | = | 64 Sft.  |
| Kerbing      | = 1 x 1 x 2 x 25.50 x 1.00 | = | 51 Sft.  |
|              | Total Qty                  | = | 186 Sft. |

Qty. 186 Sft. @ Rs 3127.41 Per % Sft.

Rs. 5,817 /=

### 9 CEMENT PLASTER RATIO 1:3

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = item 10 (b) Page 58

|               |                                    |   |          |
|---------------|------------------------------------|---|----------|
| Abutment Wall | = 1 x 1 x 25.50 x 5.00             | = | 128 Sft. |
| Wing Wall     | = 4 x 1 x 10.00 x $\frac{5.00}{2}$ | = | 200 //   |
|               |                                    | = | 328 Sft. |

Qty. 328 Sft. @ Rs 2344.59 Per % Sft.

Rs. 7,690 /=

Total

Rs. 1,034,848 /=

**INVITATION FOR BIDS**

**Date: 03-12-2011**

**Bid Reference No.: 1527**

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas, at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: (These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas□) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works□).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (Where required).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

1.1 Name of Executive Engineer Provincial Highway Division Mirpurkhas

#### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer Provincial Highway Division Mirpurkhas  
Office Phone No

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity : *( mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator U3 Nos. (5) Steel frame work /Shuttring 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security 02% of Estimate cost**

**14.1 Period of Bid Validity 90-Days**

**14.4 Number of Copies of the Bid to be submitted: 02 original copy.**

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

*Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)*

**SCHEDULE - F TO BID**

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**



# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: (5) Constn of C.C. Road at village Darya Idhay Jamm to village  
Mauad. P. Jamm. Dch. Rs 1700000/-

N.I.T No Date: NIT No TC/G-55/371/, Dated:-24/04/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

(Name of Works) .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of \_\_\_\_\_ and address \_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount \_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.
5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)

(Seal)

Address  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DETAILED WORKING** (5)  
**FOR**  
**CONSTRUCTION OF C.C. ROAD**  
**@ VILLAGE DARYA KHAN JARWAR TO VILLAGE**  
**MOHAMMAD PARYAL JARWAR DEH: 128 UC (KHERAO B)**  
**LENGTH:- Rft**

| S.No | Item of work. | Quantity | Rate | Unit. | Amount. |
|------|---------------|----------|------|-------|---------|
|------|---------------|----------|------|-------|---------|

**1 SUB GRADE**

☞ Preparing sub-grade including earth excavation of filling to an average depth of 9" dressing to camber and consolidation with power roller.

Sch. of Rate, vol-III Part - VI, Item No.6, Page No. 2

$$1567 \times \frac{10 + 10}{2} \times 1.03 = 16140 \text{ Sft}$$

Say Qty. 16140 sft @ Rs. 526.28 Per % Sft. Rs. 84,942 /=

**2 ERECTION AND REMOVAL**

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood ( 2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

$$2 \times 1567 \times 0.375 = 1175 \text{ Sft.}$$

Total C= 1175

Qty. 1175 Sft. @ Rs 3127.41 Per % Sft. Rs. 36,747 /=

**3 CEMENT CONCRETE RATIO 1:5:10**

☞ Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:5:10

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

$$1567 \times \frac{10 + 10}{2} \times 0.500 = 7835 \text{ Cft}$$

Qty. 7835 Cft. @ Rs 8694.95 Per % Cft. Rs. 681,249 /=

**4 CEMENT CONCRETE RATIO 1:2:4**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 ( f ) Page 18

$$1567 \times \frac{10 + 10}{2} \times 0.375 = 5876 \text{ Cft}$$

Qty. 5876 Sft. @ Rs 14429.25 Per % Cft. Rs. 847,863 /=

**5 SUPPLYING AND INAUGURATION STONE**

Supplying and inauguration for Scheme

Qty. 1 Eath @ Rs 5000.00 Each Rs. 5,000 /=

**TOTAL** Rs. 1,655,801 /=

---

**INVITATION FOR BIDS**

**Date: 03-12-2011**

**Bid Reference No.: 1527**

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. 10000/- (Rupees Ten Thousand) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: (These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (Where required).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

1.1 Name of Executive Engineer Provincial Highway Division Mirpurkhas

#### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer Provincial Highway Division Mirpurkhas

Office Phone No

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity: *(mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No.

(3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT

(6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos.

(9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security 02% of Estimate cost**

**14.1 Period of Bid Validity 90-Days**

**14.4 Number of Copies of the Bid to be submitted: 02 original copy.**

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

**Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)**

## SCHEDULE – F TO BID



**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**

# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: (6) SPPRA c.c. Road SSP/Police Quai Mirpurkhas.  
.....

N.I.T No Date: NIT No TC/G-55/374/, Dated: 24/04/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

(Name of Works) .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of \_\_\_\_\_ and address \_\_\_\_\_

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount \_\_\_\_\_

\_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.



**DETAILED WORKING** (6)  
**F O R**  
**CONSTRUCTION OF C.C. ROAD**  
**@ SSP OFFICE / POLICE LINE**  
**MIRPURKHAS**  
 LENGTH:- Rft

| S.No | Item of work. | Quantity | Rate | Unit. | Amount. |
|------|---------------|----------|------|-------|---------|
|------|---------------|----------|------|-------|---------|

**1 SUB GRADE**

Preparing sub-grade including earth excavation of filling to an average depth of 9" dressing to camber and consolidation with power roller.

Sch. of Rate, vol-III Part - VI, item No.6, Page No. 2

$$1388 \times \frac{10 + 10}{2} \times 1.03 = 14296 \text{ Sft}$$

Say Qty. 14296 sft @ Rs. 526.28 Per % Sft. Rs. 75,237 /=

**2 ERECTION AND REMOVAL**

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood ( 2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

$$2 \times 1388 \times 0.375 = 1041 \text{ Sft.}$$

Total Q = 1041

Qty. 1041 Sft. @ Rs 3127.41 Per % Sft. Rs. 32,556 /=

**3 CEMENT CONCRETE RATIO 1:5:10**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:5:10

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

$$1388 \times \frac{10 + 10}{2} \times 0.500 = 6940 \text{ Cft}$$

Qty. 6940 Cft. @ Rs 8694.95 Per % Cft. Rs. 603,430 /=

**4 CEMENT CONCRETE RATIO 1:2:4**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 ( f ) Page 18

$$1388 \times \frac{10 + 10}{2} \times 0.375 = 5205 \text{ Cft}$$

Qty. 5205 Sft. @ Rs 14429.25 Per % Cft. Rs. 751,042 /=

**5 SUPPLYING AND INAUGURATION STONE**

Supplying and inauguration for Scheme

Qty. 1 Eath @ Rs 5000.00 Each Rs. 5,000 /=

---

**TOTAL** Rs. 1,467,265 /=

## INVITATION FOR BIDS

Date: 03-12-2011

Bid Reference No.: 1527

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: (These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (Where required).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;



## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

1.1 Name of Executive Engineer ..... Highway Division Mirpurkhas

#### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer ..... Highway Division Mirpurkhas

Office Phone No .....

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity : *( mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No.

(3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT

(6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos.

(9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security 02% of Estimate cost**

**14.1 Period of Bid Validity 90-Days**

**14.4 Number of Copies of the Bid to be submitted: 02 original copy.**

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_.

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

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**SCHEDULE – F TO BID**

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**

# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: (7) ADD 1568 CANAL Road Village Sahib Singh Shami  
T. Sahib Singh Shami, Mirpurkhas, Mile 0-0-4/6

N.I.T No Date: NIT No TC/G-55/3741, Dated: 374/4/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

**(Name of Works)** .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount

\_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.



DETAILED WORKING ESTIMATE

F O R

CONSTRUCTION OF ROAD  
VILLAGE SAHIB SINGH SHAHANI

TALUKA SHUJAABAD  
MILE : 0/0 -0/4 (0.80 KM)

MEASUREMENT CUM ABSTRACT SHEET

| S.No | Item of work. | Quantity | Rate | Unit | Amount. |
|------|---------------|----------|------|------|---------|
|------|---------------|----------|------|------|---------|

**1 FORMATION:-**

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock ( If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C ), Page No. 1&2

MILE : 0/0 -0/4 (0.80 KM)

**(a) COMPACTING UPTO 85% DENSITY ORDINARY**

As Per Earth Work Statement (Attached)                      201300 Cft

Say Qty. 201300 Cft. @ Rs. 3656.23 Per %0 Cft.                      Rs.        735,999 /=

**(b) COMPACTION 95-100% DENSITY ORDINARY**

Sch. of Rate, vol-III Part - VI, item No.3 (ii-a ), Page No. 1&2

|              |                                    |   |  |            |
|--------------|------------------------------------|---|--|------------|
|              | 0.5000 x 5280 x 14.00 x 1.0 x 1.03 | = |  | 38069 Cft. |
| Village Appr | 0.1506 x 5280 x 14.00 x 1.0 x 1.03 | = |  | 11464 Cft. |
|              |                                    | = |  | 49533 Cft. |

Say Qty. 49533 Cft. @ Rs. 6190.17 Per %0 Cft.                      Rs.        306,618 /=

**2 SUB BASE COURSE:-**

Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4

|              |                                     |   |  |            |
|--------------|-------------------------------------|---|--|------------|
|              | 0.5000 x 5280 x 12.00 x 0.50 x 1.03 | = |  | 16315 Cft. |
| Village Appr | 0.1506 x 5280 x 12.00 x 0.50 x 1.03 | = |  | 4913 Cft.  |
|              |                                     | = |  | 21228 Cft. |

Say Qty. 21228 Cft. @ Rs. 9030.10 Per % Cft.                      Rs.        1,916,910 /=

**3 BRICK ON EDGING:-**

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (9), Page No. 4

MILE : 0/0 -0/4 (0.80 KM)

|              |   |   |        |   |      |   |      |   |           |
|--------------|---|---|--------|---|------|---|------|---|-----------|
|              | 2 | x | 0.5000 | x | 5280 | x | 1.03 | = | 5438 Rft. |
| Village Appr | 2 | x | 0.1506 | x | 5280 | x | 1.03 | = | 1638 Rft. |
|              |   |   |        |   |      |   |      | = | 7076 Rft. |

Say Qty. 7076 Rft. @ Rs. 2729.96 Per % Rft. Rs. 193,172 /=

**4 BASE COURSE:-**

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications.(Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4

MILE : 0/0 -0/4 (0.80 KM)

|              |        |   |      |   |       |   |      |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------|---|------------|
|              | 0.5000 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 16315 Cft. |
| Village Appr | 0.1506 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 4913 Cft.  |
|              |        |   |      |   |       |   |      |   |      | = | 21228 Cft. |

Say Qty. 21228 Cft. @ Rs. 10063.28 Per % Cft. Rs. 2,136,233 /=

**5 2 COAT SURFACE TREATMENT:-**

Providing surface dressing first coat on new or existing surface with 39 lbs Bitumen of 80/100 penetration and 6.75 cft of crush bajri of required size of 1/2"-3/8", including cleaning the road surface, rolling etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3 chains)

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8

MILE : 0/0 -0/4 (0.80 KM)

|              |        |   |      |   |       |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------------|
|              | 0.5000 | x | 5280 | x | 12.00 | x | 1.03 | = | 32630 Sft. |
| Village Appr | 0.1506 | x | 5280 | x | 12.00 | x | 1.03 | = | 9826 Sft.  |
|              |        |   |      |   |       |   |      | = | 42456 Sft. |

Say Qty. 42456 Sft. @ Rs. 2143.91 Per % Sft. Rs. 910,218 /=

**6 1 1/2" THICK PREMIXED CARPET**

Providing 1 1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 cft. Crush bajri, 5 cft. Hill sand (of approved quality and grade) with 93 lbs bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface (Hill sand 3 cft. for mixing and 2 cft. for dusting). ( Rate includes all cost of materials, labours, T&P, and carriage upto site  
Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8  
MILE : 0/0 -0/4 (0.80 KM)

|              |                              |            |                  |
|--------------|------------------------------|------------|------------------|
|              | 0.5000 x 5280 x 12.00 x 1.03 | =          | 32630 Sft.       |
| Village Appr | 0.1506 x 5280 x 12.00 x 1.03 | =          | 9826 Sft.        |
|              |                              | =          | 42456 Sft.       |
| Say Qty.     | 42456 Sft. @ Rs. 6447.60     | Per % Sft. | Rs. 2,737,393 /= |

**7 EARTH WORK ON BERMS:-**

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft.

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1

MILE : 0/0 -0/4 (0.80 KM)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

85

|             |                          |                            |               |            |            |
|-------------|--------------------------|----------------------------|---------------|------------|------------|
| Berms       | 2 x 0.6506 x 5280        | $\frac{8 + 10}{2}$         | x 1.00 x 1.03 | =          | 63685 Cft. |
| Ded B.edg.  | 2 x 0.6506 x 5280        | x 0.375 x 0.75             | x 1.03        | =          | 1990 Cft.  |
| Ded 4% Stop | 2 x 0.6506 x 5280        | x 8 x $\frac{0 + 0.32}{2}$ | x 1.03        | =          | 9057 Cft.  |
|             |                          |                            |               | =          | 52638 Cft. |
| Say Qty.    | 52638 Cft. @ Rs. 3656.23 | Per %0 Cft.                | Rs.           | 192,457 /= |            |

**Total Rs. 9,129,000 /=**



**DETAILED WORKING ESTIMATE FOR  
3.00 FEET SPAN R.C.C. SLAB CULVERT**

**CONSTRUCTION OF ROAD  
VILLAGE SAHIB SINGH SHAHANI**

**TALUKA SHILJAABAD**

**MILE : 0/0 - 0/4 (0.80 KM)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming. lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = item 18 (b) Page 455

|               |                                 |      |      |
|---------------|---------------------------------|------|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635  | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73   | Cft. |
| Total Qty =   |                                 | 1056 | Cft. |

Qty. 1056 Cft. @ Rs 3176.25 Per % Cft. Rs. 3,354 /=

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |
| Total Qty =   |                                 | 239 | Cft. |

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (i-c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |
| Total Qty =   |                                 | 474 | Cft. |

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=

**4 CEMENT CONCRETE (1:2:4)**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 (f) Page 18

|              |   |    |      |
|--------------|---|----|------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50 =                   | 34 | Cft. |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67 =                   | 25 | //   |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 10 | //   |
| WW (Coping)  | = 1 x 4 x 4.00 x 0.75 x 0.25 =                    | 3  | //   |
| =            |   | 72 | Cft. |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=

## 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = item 7 (ii-a) Page 20

|                                     |                               |            |
|-------------------------------------|-------------------------------|------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 = | 120.06 lbs |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 = | 133.40 //  |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 = | 249.19 //  |
| Slab Dist: bars 1/4" dia            | = 1 x 1 x 9 x 30.00 x 0.167 = | 45.09 //   |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375 =  | 11.25 //   |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167 =  | 6.68 //    |
|                                     |                               |            |
|                                     | Total in lbs =                | 565.67 lbs |
|                                     | Total in Cwt. =               | 5.05 Cwt   |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt.

Rs. 24,342 /=

## 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C.work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (i) Page 18 & 19

Slab = 1 x 1 x 30.25 x 4.00 x 0.66 = 80 Cft.

Qty. 80 Cft. @ Rs 337.00 Per Cft.

Rs. 26,960 /=

## 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

Bed Flooring = 1 x 30.25 x 2.25 = 68 Sft.

Qty. 68 Sft. @ Rs 5256.63 Per % Sft.

Rs. 3,575 /=

## 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood ( 2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

Parapet Wall = 1 x 2 x 2 x 5.25 x 1.12 = 24 Sft.

// (sides) = 1 x 2 x 2 x  $\frac{0.50 + 1.12}{2}$  x 1.12 = 4 //

Total Qty = 28 Sft.

Qty. 28 Sft. @ Rs 3127.41 Per % Sft.

Rs. 876 /=

**9 CEMENT PLASTER RATIO 1:3**

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = Item 10 (b) Page 58

|               |                        |   |            |      |
|---------------|------------------------|---|------------|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182        | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67         | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12         | //   |
|               |                        | = | <u>261</u> | Sft. |

Qty. 261 Sft. @ Rs 2344.59 Per % Sft.

Rs. 6,119 /=-

**Total**

Rs. 157,377 /=-

## INVITATION FOR BIDS

Date: 03-12-2011

Bid Reference No.: 1527

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. 10000/- (Rupees Eight Thousand) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: *These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed.*)

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas□) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works□).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

1.1 Name of Executive Engineer Provincial Highway Division Mirpurkhas

#### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer Provincial Highway Division Mirpurkhas

Office Phone No

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity: *(mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security 02% of Estimate cost**

**14.1 Period of Bid Validity 90-Days**

**14.4 Number of Copies of the Bid to be submitted: 02 original copy.**

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_.

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4. Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)

**SCHEDULE - F TO BID**

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**





**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

**(Name of Works)** .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount

\_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)

(Seal)

Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

(8)  
**DETAILED WORKING ESTIMATE**

**F O R**

**CONSTRUCTION OF ROAD**

**VILLAGE SANDEEP KUMAR LACHMAN DAS**

**UC HINGHORN TALUKA SINDHRI**

**MILE : 0/0 -0/4 (0.80 KM)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.No | Item of work. | Quantity | Rate | Unit. | Amount. |
|------|---------------|----------|------|-------|---------|
|------|---------------|----------|------|-------|---------|

**1 FORMATION:-**

Earth work for road embankment by buldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock ( If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C), Page No. 1&2

MILE : 0/0 -0/4 (0.80 KM)

**(a) COMPACTING UPTO 85% DENSITY ORDINARY**

As Per Earth Work Statement (Attached) 202900 Cft

Say Qty. 202900 Cft. @ Rs. 3656.23 Per %0 Cft. Rs. 741,849 /=

**(b) COMPACTION 95-100% DENSITY ORDINARY**

Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2

|              |                                    |   |  |            |
|--------------|------------------------------------|---|--|------------|
|              | 0.5000 x 5280 x 14.00 x 1.0 x 1.03 | = |  | 38069 Cft. |
| Village Appr | 0.1667 x 5280 x 14.00 x 1.0 x 1.03 | = |  | 12690 Cft. |
|              |                                    | = |  | 50759 Cft. |

Say Qty. 50759 Cft. @ Rs. 6190.17 Per %0 Cft. Rs. 314,207 /=

**2 SUB BASE COURSE:-**

Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4

|              |                                     |   |  |            |
|--------------|-------------------------------------|---|--|------------|
|              | 0.5000 x 5280 x 12.00 x 0.50 x 1.03 | = |  | 16315 Cft. |
| Village Appr | 0.1667 x 5280 x 12.00 x 0.50 x 1.03 | = |  | 5438 Cft.  |
|              |                                     | = |  | 21753 Cft. |

Say Qty. 21753 Cft. @ Rs. 9775.08 Per % Cft. Rs. 2,126,373 /=

**3 BRICK ON EDGING:-**

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (9), Page No. 4

MILE : 0/0 -0/4 (0.80 KM)

|              |   |   |        |   |      |   |      |   |           |
|--------------|---|---|--------|---|------|---|------|---|-----------|
|              | 2 | x | 0.5000 | x | 5280 | x | 1.03 | = | 5438 Rft. |
| Village Appr | 2 | x | 0.1667 | x | 5280 | x | 1.03 | = | 1813 Rft. |
|              |   |   |        |   |      |   |      | = | 7251 Rft. |

Say Qty. 7251 Rft. @ Rs. 2729.96 Per % Rft. Rs. 197,949 / =

**4 BASE COURSE:-**

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications.(Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4

MILE : 0/0 -0/4 (0.80 KM)

|              |        |   |      |   |       |   |      |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------|---|------------|
|              | 0.5000 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 16315 Cft. |
| Village Appr | 0.1667 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 5438 Cft.  |
|              |        |   |      |   |       |   |      |   |      | = | 21753 Cft. |

Say Qty. 21753 Cft. @ Rs. 10834.30 Per % Cft. Rs. 2,356,785 / =

**5 2 COAT SURFACE TREATMENT:-**

Providing surface dressing first coat on new or existing surface with 39 lbs Bitumen of 80/100 penetration and 6.75 cft of crush bajri of required size of 1/2"-3/8", including cleaning the road surface, rolling etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3 chains)

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8

MILE : 0/0 -0/4 (0.80 KM)

|              |        |   |      |   |       |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------------|
|              | 0.5000 | x | 5280 | x | 12.00 | x | 1.03 | = | 32630 Sft. |
| Village Appr | 0.1667 | x | 5280 | x | 12.00 | x | 1.03 | = | 10877 Sft. |
|              |        |   |      |   |       |   |      | = | 43507 Sft. |

Say Qty. 43507 Sft. @ Rs. 2179.60 Per % Sft. Rs. 948,279 / =

6 1 1/2" THICK PREMIXED CARPET

Providing 1 1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 cft. Crush bajri, 5 cft. Hill sand (of approved quality and grade) with 93 lbs bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface (Hill sand 3 cft. for mixing and 2 cft. for dusting). ( Rate includes all cost of materials, labours, T&P, and carriage upto site  
Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8  
MILE : 0/0 -0/4 (0.80 KM)

|              |            |                              |     |               |
|--------------|------------|------------------------------|-----|---------------|
|              |            | 0.5000 x 5280 x 12.00 x 1.03 | =   | 32630 Sft.    |
| Village Appr |            | 0.1667 x 5280 x 12.00 x 1.03 | =   | 10877 Sft.    |
|              |            |                              | =   | 43507 Sft.    |
| Say Qty.     | 43507 Sft. | @ Rs. 6553.40 Per % Sft.     | Rs. | 2,851,188 /=- |

7 EARTH WORK ON BERMS:-

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft.

()  
Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1  
MILE : 0/0 -0/4 (0.80 KM)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

85

|             |                   |                            |               |             |            |
|-------------|-------------------|----------------------------|---------------|-------------|------------|
| Berms       | 2 x 0.6667 x 5280 | $\frac{8 + 10}{2}$         | x 1.00 x 1.03 | =           | 65261 Cft. |
| Ded B.edg.  | 2 x 0.6667 x 5280 | x 0.375 x 0.75             | x 1.03        | =           | 2039 Cft.  |
| Ded 4% Slop | 2 x 0.6667 x 5280 | x 8 x $\frac{0 + 0.32}{2}$ | x 1.03        | =           | 9282 Cft.  |
|             |                   |                            |               | =           | 53940 Cft. |
| Say Qty.    | 53940 Cft.        | @ Rs. 3656.23 Per %0 Cft.  | Rs.           | 197,217 /=- |            |

**Total** Rs. 9,733,847 /=-

**DETAILED WORKING ESTIMATE FOR  
3.00 FEET SPAN R.C.C. SLAB CULVERT**

CONSTRUCTION OF ROAD

VILLAGE SANDEEP KUMAR LACHMAN DAS

UC HINGHORN TALUKA SINDHRI

MILE : 0/0 - 0/4 (0.80 KM)

**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming. lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = item 18 (b) Page 48&5

|               |                                 |      |      |
|---------------|---------------------------------|------|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635  | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73   | Cft. |
| Total Qty =   |                                 | 1056 | Cft. |

Qty. 1056 Cft. @ Rs 3176.25 Per % Cft. Rs. 3,354 /=-

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |
| Total Qty =   |                                 | 239 | Cft. |

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=-

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (i-c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |
| Total Qty =   |                                 | 474 | Cft. |

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=-

**4 CEMENT CONCRETE (1:2:4)**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 (f) Page 18

|              |   |    |      |
|--------------|---|----|------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50 =                   | 34 | Cft. |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67 =                   | 25 | //   |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 10 | //   |
| WW (Coping)  | = 1 x 4 x 4.00 x 0.75 x 0.25 =                    | 3  | //   |
| =            |   | 72 | Cft. |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=-

## 5 FEBRICATION

Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = Item 7 (ii- a) Page 20

|                                     |                               |            |
|-------------------------------------|-------------------------------|------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 = | 120.06 lbs |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 = | 133.40 //  |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 = | 249.19 //  |
| Slab Distt: bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 = | 45.09 //   |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375 =  | 11.25 //   |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167 =  | 6.68 //    |
|                                     |                               | <hr/>      |
|                                     | Total in lbs =                | 565.67 lbs |
|                                     | Total in Cwt. =               | 5.05 Cwt   |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt.

Rs. 24,342 /=

## 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (i) Page 18 & 19

Slab = 1 x 1 x 30.25 x 4.00 x 0.66 = 80 Cft.

Qty. 80 Cft. @ Rs 337.00 Per Cft.

Rs. 26,960 /=

## 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

Bed Flooring = 1 x 30.25 x 2.25 = 68 Sft.

Qty. 68 Sft. @ Rs 5256.63 Per % Sft.

Rs. 3,575 /=

## 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood ( 2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 16 (b-ii) Page 21

|              |  |         |
|--------------|--|---------|
| Parapet Wall | = 1 x 2 x 2 x 5.25 x 1.12 =                    | 24 Sft. |
| // (sides)   | = 1 x 2 x 2 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 4 //    |
|              | Total Qty =                                    | 28 Sft. |

Qty. 28 Sft. @ Rs 3127.41 Per % Sft.

Rs. 876 /=

9 CEMENT PLASTER RATIO 1:3

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = Item 10 (b) Page 58

|               |                        |   |            |      |
|---------------|------------------------|---|------------|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182        | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67         | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12         | //   |
|               |                        | = | <u>261</u> | Sft. |

Qty. 261 Sft. @ Rs 2344.59 Per % Sft.

Rs. 6,119 /=-

Total

Rs. 157,377 /=-



## INVITATION FOR BIDS

Date: 03-12-2011

Bid Reference No.: 1527

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,“  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. 30000/- (Rupees Thirty Thousand) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: (These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas□) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works□).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highway Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

1.1 Name of Executive Engineer ..... Highway Division Mirpurkhas

#### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer ..... Highway Division Mirpurkhas

Office Phone No .....

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity : *(mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security 02% of Estimate cost

14.1 Period of Bid Validity 90-Days

14.4 Number of Copies of the Bid to be submitted: 02 original copy.

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_.

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)

## SCHEDULE – F TO BID

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**

# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: (9) APP 1568 G.H.G Road from Walu Mhuud Road to  
Village Syed... Sh. M. M. Jaza Shah Dist: Kark Miteo 04/4 (P. 80/180)

N.I.T No Date: NIT No TC/G-55/3741, Dated: 24/04/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

**(Name of Works)** .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_

dated: \_\_\_\_\_ Amount  
\_\_\_\_\_ Bank \_\_\_\_\_ drawn in your

favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)

(Seal)

Address  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DETAILED WORKING ESTIMATE

F O R

CONSTRUCTION OF ROAD FROM  
WALI MOHAMMD RIND TO VILLAGE SYED

GHULAM MURTAZA SHAH DEH: KAK

MILE : 0/0 -0/4 (0.80 KM)

MEASUREMENT CUM ABSTRACT SHEET

| S.No | Item of work. | Quantity | Rate | Unit. | Amount. |
|------|---------------|----------|------|-------|---------|
|------|---------------|----------|------|-------|---------|

**1 FORMATION:-**

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock ( If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C), Page No. 1&2  
MILE : 0/0 -0/4 (0.80 KM)

**(a) COMPACTING UPTO 85% DENSITY ORDINARY**

As Per Earth Work Statement (Attached)                      205300 Cft

Say Qty. 205300 Cft. @ Rs. 3656.23 Per %0 Cft.                      Rs.        750,624 /=

**(b) COMPACTION 95-100% DENSITY ORDINARY**

Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2

0.5000 x 5280 x 14.00 x 1.0 x 1.03 =        38069 Cft.

Village Appr                      0.1667 x 5280 x 14.00 x 1.0 x 1.03 =        12690 Cft.

=        50759 Cft.

Say Qty. 50759 Cft. @ Rs. 6190.17 Per %0 Cft.                      Rs.        314,207 /=

**2 SUB BASE COURSE:-**

Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4

0.5000 x 5280 x 12.00 x 0.50 x 1.03 =        16315 Cft.

Village Appr                      0.1667 x 5280 x 12.00 x 0.50 x 1.03 =        5438 Cft.

=        21753 Cft.

Say Qty. 21753 Cft. @ Rs. 8657.62 Per % Cft.                      Rs.        1,883,292 /=



**3 BRICK ON EDGING:-**

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (9), Page No. 4

MILE : 0/0 -0/4 (0.80 KM)

|              |   |   |        |   |      |   |      |   |           |
|--------------|---|---|--------|---|------|---|------|---|-----------|
|              | 2 | x | 0.5000 | x | 5280 | x | 1.03 | = | 5438 Rft. |
| Village Appr | 2 | x | 0.1667 | x | 5280 | x | 1.03 | = | 1813 Rft. |
|              |   |   |        |   |      |   |      | = | 7251 Rft. |

Say Qty. 7251 Rft. @ Rs. 2729.96 Per % Rft. Rs. 197,949 / =

**4 BASE COURSE:-**

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications.(Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4

MILE : 0/0 -0/4 (0.80 KM)

|              |        |   |      |   |       |   |      |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------|---|------------|
|              | 0.5000 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 16315 Cft. |
| Village Appr | 0.1667 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 5438 Cft.  |
|              |        |   |      |   |       |   |      |   |      | = | 21753 Cft. |

Say Qty. 21753 Cft. @ Rs. 9677.78 Per % Cft. Rs. 2,105,207 / =

**5 2 COAT SURFACE TREATMENT:-**

Providing surface dressing first coat on new or existing surface with 39 lbs Bitumen of 80/100 penetration and 6.75 cft of crush bajri of required size of 1/2"-3/8", including cleaning the road surface, rolling etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3 chains)

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8

MILE : 0/0 -0/4 (0.80 KM)

|              |        |   |      |   |       |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------------|
|              | 0.5000 | x | 5280 | x | 12.00 | x | 1.03 | = | 32630 Sft. |
| Village Appr | 0.1667 | x | 5280 | x | 12.00 | x | 1.03 | = | 10877 Sft. |
|              |        |   |      |   |       |   |      | = | 43507 Sft. |

Say Qty. 43507 Sft. @ Rs. 2124.97 Per % Sft. Rs. 924,511 / =

6 1 1/2" THICK PREMIXED CARPET

Providing 1 1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 cft. Crush bajri, 5 cft. Hill sand (of approved quality and grade) with 93 lbs bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface (Hill sand 3 cft. for mixing and 2 cft. for dusting). ( Rate includes all cost of materials, labours, T&P, and carriage upto site  
Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8  
MILE : 0/0 -0/4 (0.80 KM)

|             |                                     |   |                  |
|-------------|-------------------------------------|---|------------------|
|             | 0.5000 x 5280 x 12.00 x 1.03        | = | 32630 Sft.       |
| Village Apr | 0.1667 x 5280 x 12.00 x 1.03        | = | 10877 Sft.       |
|             |                                     | = | 43507 Sft.       |
| Say Qty.    | 43507 Sft. @ Rs. 6392.27 Per % Sft. |   | Rs. 2,781,085 /= |

7 EARTH WORK ON BERMS:-

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft.

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1

MILE : 0/0 -0/4 (0.80 KM)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

85

|             |                   |                            |               |   |            |
|-------------|-------------------|----------------------------|---------------|---|------------|
| Berms       | 2 x 0.6667 x 5280 | $\frac{8 + 10}{2}$         | x 1.00 x 1.03 | = | 65261 Cft. |
| Ded B.edg.  | 2 x 0.6667 x 5280 | x 0.375 x 0.75             | x 1.03        | = | 2039 Cft.  |
| Ded 4% Slop | 2 x 0.6667 x 5280 | x 8 x $\frac{0 + 0.32}{2}$ | x 1.03        | = | 9282 Cft.  |
|             |                   |                            |               | = | 53940 Cft. |

Say Qty. 53940 Cft. @ Rs. 3656.23 Per %0 Cft. Rs. 197,217 /=

Total Rs. 9,154,092 /=

**DETAILED WORKING ESTIMATE FOR**  
**3.00 FEET SPAN R.C.C. SLAB CULVERT**  
**CONSTRUCTION OF ROAD FROM**  
**WALI MOHAMMD RIND TO VILLAGE SYED**  
**GHULAM MURTAZA SHAH DEH: KAK**  
**MILE : 0/0 -0/4 (0.80 KM)**  
**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming. lead upto 5.00 ft. (in Ordinary soil).

Schedule of Rate Vol: III Part - II = Item 18 (b) Page 485

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635 | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73  | Cft. |

Total Qty = 1056 Cft.

Qty. 1056 Cft. @ Rs 3176.25 Per % Cft. Rs. 3,354 /=-

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = Item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |

Total Qty = 239 Cft.

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=-

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (i-c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |

Total Qty = 474 Cft.

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=-

**4 CEMENT CONCRETE (1:2:4)**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 (f) Page 18

|              |   |    |      |
|--------------|---|----|------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50 =                   | 34 | Cft. |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67 =                   | 25 | //   |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 10 | //   |

|              |                                |   |         |
|--------------|--------------------------------|---|---------|
| W/W (Coping) | = 1 x 4 x 4.00 x 0.75 x 0.25 = | 3 | //      |
|              |                                | = | 72 Cft. |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=-

## 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = Item 7 (II-a) Page 20

|                                     |                               |            |
|-------------------------------------|-------------------------------|------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 = | 120.06 lbs |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 = | 133.40 //  |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 = | 249.19 //  |
| Slab Distt: bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 = | 45.09 //   |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375 =  | 11.25 //   |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167 =  | 6.68 //    |
|                                     | Total in lbs =                | 565.67 lbs |
|                                     | Total in Cwt. =               | 5.05 Cwt   |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt. Rs. 24,342 /=-

## 6 R.C.C. WORK, RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C.work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a ( I ) Page 18 & 19

|                                   |                               |   |                |
|-----------------------------------|-------------------------------|---|----------------|
| Slab                              | = 1 x 1 x 30.25 x 4.00 x 0.66 | = | 80 Cft.        |
| Qty. 80 Cft. @ Rs 337.00 Per Cft. |                               |   | Rs. 26,960 /=- |

## 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9. Page 47

|                                      |                    |   |               |
|--------------------------------------|--------------------|---|---------------|
| Bed Flooring                         | = 1 x 30.25 x 2.25 | = | 68 Sft.       |
| Qty. 68 Sft. @ Rs 5256.63 Per % Sft. |                    |   | Rs. 3,575 /=- |

## 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood ( 2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

|                                      |   |   |             |
|--------------------------------------|---|---|-------------|
| Parapet Wall                         | = 1 x 2 x 2 x 5.25 x 1.12                     | = | 24 Sft.     |
| // (sides)                           | = 1 x .2 x 2 x $\frac{0.50 + 1.12}{2}$ x 1.12 | = | 4 //        |
|                                      | Total Qty =                                   |   | 28 Sft.     |
| Qty. 28 Sft. @ Rs 3127.41 Per % Sft. |   |   | Rs. 876 /=- |

9 CEMENT PLASTER RATIO 1:3

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = item 10 (b) Page 58

|               |                        |   |            |      |
|---------------|------------------------|---|------------|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182        | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67         | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12         | //   |
|               |                        | = | <u>261</u> | Sft. |

Qty. 261 Sft. @ Rs 2344.59 Per % Sft.

Total

Rs. 6,119 /=-

Rs. 157,377 /=-

**INVITATION FOR BIDS**

**Date: 03-12-2011**

**Bid Reference No.: 1527**

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_ only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: *These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed.*)

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC.

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken, the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders Clause Reference

1.1 Name of Executive Engineer ..... Highway Division Mirpurkhas

### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer ..... Highway Division Mirpurkhas  
Office Phone No .....

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity : *( mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security 02% of Estimate cost**

**14.1 Period of Bid Validity 90-Days**

**14.4 Number of Copies of the Bid to be submitted: 02 original copy.**

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_.

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)

## SCHEDULE – F TO BID



**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**

# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: 10) ADP 1558 CHQ Road Gopal from to Seth Akhondas  
4.c. Malda Samu. Taluka. Shajahan Mile 0-0-0/4 (0.80 km).

N.I.T No Date: NIT No TC/G-55/3771, Dated: 24/07/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

**(Name of Works)** .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount \_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)

(Seal)

Address  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(10)

**DETAILED WORKING ESTIMATE**

**F O R**

**CONSTRUCTION OF ROAD FROM  
GABOL FARM ROAD TO SETH MOHAN DAS  
UC MAKHAN SAMOON TALUKA SHUJAABAD  
MILE:- 0/0-0/4 (0.80 KM)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.No         | Item of work.   | Quantity                            | Rate | Unit.      | Amount.          |
|--------------|---|-------------------------------------|------|------------|------------------|
| 1            | <b>FORMATION:-</b>  |                                     |      |            |                  |
|              | Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock ( If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C), Page No. 1&2 MILE:- 0/0-0/4 (0.80 KM)   |                                     |      |            |                  |
|              | <b>(a) COMPACTING UPTO 85% DENSITY Extra lead</b>   |                                     |      |            |                  |
|              | As Per Earth Work Statement (Attached)  |                                     |      | 177200 Cft |                  |
|              | Say Qty. 177200 Cft @ Rs. 8681.23 Per %0 Cft.   |                                     |      |            | Rs. 1,538,314 /= |
|              | <b>(b) COMPACTION 95-100% DENSITY Extra Lead</b>  |                                     |      |            |                  |
|              | Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2   |                                     |      |            |                  |
|              |   | 0.5000 x 5280 x 14.00 x 1.0 x 1.03  | =    | 38069 Cft. |                  |
| Village Appr |   | 0.0744 x 5280 x 14.00 x 1.0 x 1.03  | =    | 5667 Cft.  |                  |
|              |   |                                     | =    | 43736 Cft. |                  |
|              | Say Qty. 43736 Cft @ Rs. 11215.17 Per %0 Cft.   |                                     |      |            | Rs. 490,507 /=   |
| 2            | <b>SUB BASE COURSE:-</b>  |                                     |      |            |                  |
|              | Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work. |                                     |      |            |                  |
|              | Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4  |                                     |      |            |                  |
|              |   | 0.5000 x 5280 x 12.00 x 0.50 x 1.03 | =    | 16315 Cft. |                  |
| Village Appr |   | 0.0744 x 5280 x 12.00 x 0.50 x 1.03 | =    | 2429 Cft.  |                  |
|              |   |                                     | =    | 18744 Cft. |                  |
|              | Say Qty. 18744 Cft @ Rs. 9169.79 Per % Cft.   |                                     |      |            | Rs. 1,718,785 /= |

**3 BRICK ON EDGING:-**

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (9), Page No. 4

MILE:- 0/0-0/4 (0.80 KM)

|              |      |      |        |     |         |     |      |      |      |             |
|--------------|------|------|--------|-----|---------|-----|------|------|------|-------------|
|              | 2    | x    | 0.5000 | x   | 5280    | x   | 1.03 | =    | 5438 | Rft.        |
| Village Appr | 2    | x    | 0.0744 | x   | 5280    | x   | 1.03 | =    | 810  | Rft.        |
|              |      |      |        |     |         |     |      | =    | 6248 | Rft.        |
| Say Qty.     | 6248 | Rft. | @      | Rs. | 2729.96 | Per | %    | Rft. | Rs.  | 170,568 / = |

**4 BASE COURSE:-**

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications.(Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4

MILE:- 0/0-0/4 (0.80 KM)

|              |        |      |      |     |          |     |      |      |      |               |       |      |
|--------------|--------|------|------|-----|----------|-----|------|------|------|---------------|-------|------|
|              | 0.5000 | x    | 5280 | x   | 12.00    | x   | 0.50 | x    | 1.03 | =             | 16315 | Cft. |
| Village Appr | 0.0744 | x    | 5280 | x   | 12.00    | x   | 0.50 | x    | 1.03 | =             | 2429  | Cft. |
|              |        |      |      |     |          |     |      |      |      | =             | 18744 | Cft. |
| Say Qty.     | 18744  | Cft. | @    | Rs. | 10207.85 | Per | %    | Cft. | Rs.  | 1,913,359 / = |       |      |

**5 2 COAT SURFACE TREATMENT:-**

Providing surface dressing first coat on new or existing surface with 39 lbs Bitumen of 80/100 penetration and 6.75 cft of crush bajri of required size of 1/2"-3/8", including cleaning the road surface, rolling etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3 chains)

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8

MILE:- 0/0-0/4 (0.80 KM)

|              |        |      |      |     |         |     |      |      |       |             |
|--------------|--------|------|------|-----|---------|-----|------|------|-------|-------------|
|              | 0.5000 | x    | 5280 | x   | 12.00   | x   | 1.03 | =    | 32630 | Sft.        |
| Village Appr | 0.0744 | x    | 5280 | x   | 12.00   | x   | 1.03 | =    | 4857  | Sft.        |
|              |        |      |      |     |         |     |      | =    | 37487 | Sft.        |
| Say Qty.     | 37487  | Sft. | @    | Rs. | 2148.82 | Per | %    | Sft. | Rs.   | 805,528 / = |

**6 1 1/2" THICK PREMIXED CARPET**

Providing 1 1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 cft. Crush bajri, 5 cft. Hill sand (of approved quality and grade) with 93 lbs bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface (Hill sand 3 cft. for mixing and 2 cft. for dusting). ( Rate includes all cost of materials, labours, T&P, and carriage upto site  
Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 5-8  
MILE:- 0/0-0/4 (0.80 KM)

|              |                              |            |                   |
|--------------|------------------------------|------------|-------------------|
|              | 0.5000 x 5280 x 12.00 x 1.03 | =          | 32630 Sft.        |
| Village Appr | 0.0744 x 5280 x 12.00 x 1.03 | =          | 4857 Sft.         |
|              |                              | =          | 37487 Sft.        |
| Say Qty.     | 37487 Sft. @ Rs. 6463.47     | Per % Sft. | Rs. 2,422,961 / = |

**7 EARTH WORK ON BERMS:-**

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft.

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1

MILE:- 0/0-0/4 (0.80 KM)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

**Extra Lead**

|             |                          |                            |               |             |            |
|-------------|--------------------------|----------------------------|---------------|-------------|------------|
| Berms       | 2 x 0.5744 x 5280        | $\frac{8 + 10}{2}$         | x 1.00 x 1.03 | =           | 56232 Cft. |
| Ded B.edg.  | 2 x 0.5744 x 5280        | x 0.375 x 0.75             | x 1.03        | =           | 1757 Cft.  |
| Ded 4% Slop | 2 x 0.5744 x 5280        | x 8 x $\frac{0 + 0.32}{2}$ | x 1.03        | =           | 7997 Cft.  |
|             |                          |                            |               | =           | 46478 Cft. |
| Say Qty.    | 46478 Cft. @ Rs. 7233.37 | Per % Cft.                 | Rs.           | 336,193 / = |            |

**Total** Rs. 9,396,215 / =

**DETAILED WORKING ESTIMATE FOR**  
**3.00 FEET SPAN R.C.C. SLAB CULVERT**  
**CONSTRUCTION OF ROAD FROM**  
**GABOL FARM ROAD TO SETH MOHAN DAS**  
**UC MAKHAN SAMOON TALUKA SHUJAABAD**  
**MILE:- 0/0-0/4 (0.80 KM)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming. lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = item 18 (b) Page 4&5

|               |                                 |      |      |
|---------------|---------------------------------|------|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635  | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73   | Cft. |
| Total Qty =   |                                 | 1056 | Cft. |

Qty. 1056 Cft. @ Rs 3176.25 Per % Cft. Rs. 3,354 /=

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |
| Total Qty =   |                                 | 239 | Cft. |

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (i-c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.68 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |
| Total Qty =   |                                 | 474 | Cft. |

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=

**4 CEMENT CONCRETE (1:2:4)**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 (1) Page 18

|              |   |    |         |
|--------------|---|----|---------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50 =                   | 34 | Cft.    |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67 =                   | 25 | //      |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 10 | //      |
| W/W (Coping) | = 1 x 4 x 4.00 x 0.75 x 0.25 =                    | 3  | //      |
|              |   | =  | 72 Cft. |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=



## 5 FEBRICATION

Febriication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = item 7 (ii-a) Page 20

|                                     |                               |            |
|-------------------------------------|-------------------------------|------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 = | 120.06 lbs |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 = | 133.40 //  |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 = | 249.19 //  |
| Slab Distt: bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 = | 45.09 //   |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375 =  | 11.25 //   |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167 =  | 6.68 //    |
| Total in lbs =                      |                               | 565.67 lbs |
| Total in Cwt. =                     |                               | 5.05 Cwt   |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt. Rs. 24,342 /=-

## 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle).R.C.work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (i) Page 18 & 19

Slab = 1 x 1 x 30.25 x 4.00 x 0.66 = 80 Cft.

Qty. 80 Cft. @ Rs 337.00 Per Cft. Rs. 26,960 /=-

## 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

Bed Flooring = 1 x 30.25 x 2.25 = 68 Sft.

Qty. 68 Sft. @ Rs 5256.63 Per % Sft. Rs. 3,575 /=-

## 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood ( 2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

|              |  |         |
|--------------|--|---------|
| Parapet Wall | = 1 x 2 x 2 x 5.25 x 1.12 =                    | 24 Sft. |
| // (sides)   | = 1 x 2 x 2 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 4 //    |
| Total Qty =  |  | 28 Sft. |

Qty. 28 Sft. @ Rs 3127.41 Per % Sft. Rs. 876 /=-

**9 CEMENT PLASTER RATIO 1:3**

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = item 10 (b) Page 58

|               |                        |   |            |      |
|---------------|------------------------|---|------------|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182        | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67         | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12         | //   |
|               |                        | = | <u>261</u> | Sft. |

Qty. 261 Sft. @ Rs 2344.59 Per % Sft.

Total

Rs. 6,119 /=-

Rs. 157,377 /=-

**INVITATION FOR BIDS**

**Date: 03-12-2011**

**Bid Reference No.: 1527**

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,“  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas, at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: *(These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed).*)

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer ..... Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas□) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works□).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer ..... highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer ..... Highway Division Mirpurkhas. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

1.1 Name of Executive Engineer Provincial Highway Division Mirpurkhas

#### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer Provincial Highway Division Mirpurkhas

Office Phone No

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity : *(mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security 02% of Estimate cost

14.1 Period of Bid Validity 90-Days

14.4 Number of Copies of the Bid to be submitted: 02 original copy.

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_.

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)

**SCHEDULE – F TO BID**

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**

# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: (1) ADP 1558 CAHA Road v. 1/1/2015 Deewan Hecromand 4/c Malakli-  
Mile. afo-o.y.f.a: 80 km. s.f

N.I.T No Date: NIT No TC/G-55/3741, Dated: 24/04/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

**(Name of Works)** .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1 Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount \_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.



5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)

(Seal)

Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**DETAILED WORKING ESTIMATE**  
**F O R**  
**CONSTRUCTION OF ROAD FROM**  
**GABOL FARM ROAD TO SETH MOHAN DAS**  
**UC MAKHAN SAMOON TALUKA SHUJAABAD**  
**MILE:- 0/0-0/4 (0.80 KM)**  
**MEASUREMENT CUM ABSTRACT SHEET**



| S.No | Item of work.  | Quantity                            | Rate | Unit.      | Amount.      |
|------|--|-------------------------------------|------|------------|--------------|
| 1    | <b>FORMATION:-</b>   |                                     |      |            |              |
|      | Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock ( If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C), Page No. 1&2 MILE:- 0/0-0/4 (0.80 KM)  |                                     |      |            |              |
|      | <b>(a) COMPACTING UPTO 85% DENSITY ORDINARY</b>  |                                     |      |            |              |
|      | As Per Earth Work Statement (Attached)   |                                     |      | 202900 Cft |              |
|      | Say Qty. 202900 Cft. @ Rs. 3656.23 Per %0 Cft.   |                                     |      | Rs.        | 741,849 /=   |
|      | <b>(b) COMPACTION 95-100% DENSITY ORDINARY</b>   |                                     |      |            |              |
|      | Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2  |                                     |      |            |              |
|      | Village Appr   | 0.5000 x 5280 x 14.00 x 1.0 x 1.03  | =    | 38069 Cft. |              |
|      |  | 0.1600 x 5280 x 14.00 x 1.0 x 1.03  | =    | 12185 Cft. |              |
|      |  |                                     | =    | 50254 Cft. |              |
|      | Say Qty. 50254 Cft. @ Rs. 6190.17 Per %0 Cft.  |                                     |      | Rs.        | 311,081 /=   |
| 2    | <b>SUB BASE COURSE:-</b>   |                                     |      |            |              |
|      | Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work. Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4 |                                     |      |            |              |
|      | Village Appr   | 0.5000 x 5280 x 12.00 x 0.50 x 1.03 | =    | 16315 Cft. |              |
|      |  | 0.1600 x 5280 x 12.00 x 0.50 x 1.03 | =    | 5222 Cft.  |              |
|      |  |                                     | =    | 21537 Cft. |              |
|      | Say Qty. 21537 Cft. @ Rs. 9169.79 Per % Cft.   |                                     |      | Rs.        | 1,974,898 /= |

3 BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (9), Page No. 4

MILE:- 0/0-0/4 (0.80 KM)

|              |      |      |        |             |       |      |      |   |            |
|--------------|------|------|--------|-------------|-------|------|------|---|------------|
|              | 2    | x    | 0.5000 | x           | 5280  | x    | 1.03 | = | 5438 Rft.  |
| Village Appr | 2    | x    | 0.1600 | x           | 5280  | x    | 1.03 | = | 1741 Rft.  |
|              |      |      |        |             |       |      |      | = | 7179 Rft.  |
| Say Qty.     | 7179 | Rft. | @      | Rs. 2729.96 | Per % | Rft. | Rs.  |   | 195,984 /= |

4 BASE COURSE:-

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications.(Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4

MILE:- 0/0-0/4 (0.80 KM)

|              |        |      |      |              |       |      |      |   |      |   |              |
|--------------|--------|------|------|--------------|-------|------|------|---|------|---|--------------|
|              | 0.5000 | x    | 5280 | x            | 12.00 | x    | 0.50 | x | 1.03 | = | 16315 Cft.   |
| Village Appr | 0.1600 | x    | 5280 | x            | 12.00 | x    | 0.50 | x | 1.03 | = | 5222 Cft.    |
|              |        |      |      |              |       |      |      |   |      | = | 21537 Cft.   |
| Say Qty.     | 21537  | Cft. | @    | Rs. 10207.85 | Per % | Cft. | Rs.  |   |      |   | 2,198,465 /= |

5 2 COAT SURFACE TREATMENT:-

Providing surface dressing first coat on new or existing surface with 39 lbs Bitumen of 80/100 penetration and 6.75 cft of crush bajri of required size of 1/2"-3/8", including cleaning the road surface, rolling etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3 chains)

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8

MILE:- 0/0-0/4 (0.80 KM)

|              |        |      |      |             |       |      |      |   |            |
|--------------|--------|------|------|-------------|-------|------|------|---|------------|
|              | 0.5000 | x    | 5280 | x           | 12.00 | x    | 1.03 | = | 32630 Sft. |
| Village Appr | 0.1600 | x    | 5280 | x           | 12.00 | x    | 1.03 | = | 10444 Sft. |
|              |        |      |      |             |       |      |      | = | 43074 Sft. |
| Say Qty.     | 43074  | Sft. | @    | Rs. 2151.01 | Per % | Sft. | Rs.  |   | 926,526 /= |

**6 1 1/2" THICK PREMIXED CARPET**

Providing 1 1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 cft. Crush bajri, 5 cft. Hill sand (of approved quality and grade) with 93 lbs bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface (Hill sand 3 cft. for mixing and 2 cft. for dusting). ( Rate includes all cost of materials, labours, T&P, and carriage upto site  
Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8  
MILE:- 0/0-0/4 (0.80 KM)

|              |                                     |   |                   |
|--------------|-------------------------------------|---|-------------------|
|              | 0.5000 x 5280 x 12.00 x 1.03        | = | 32630 Sft.        |
| Village Appr | 0.1600 x 5280 x 12.00 x 1.03        | = | 10444 Sft.        |
|              |                                     | = | 43074 Sft.        |
| Say Qty.     | 43074 Sft. @ Rs. 6468.35 Per % Sft. |   | Rs. 2,786,177 / = |

**7 EARTH WORK ON BERMS:-**

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft.

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1  
MILE:- 0/0-0/4 (0.80 KM)  
Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

85

|             |                                      |                            |               |   |             |
|-------------|--------------------------------------|----------------------------|---------------|---|-------------|
| Berms       | 2 x 0.6600 x 5280                    | $\frac{8 + 10}{2}$         | x 1.00 x 1.03 | = | 64612 Cft.  |
| Ded B.edg.  | 2 x 0.6600 x 5280                    | x 0.375 x 0.75             | x 1.03        | = | 2019 Cft.   |
| Ded 4% Slop | 2 x 0.6600 x 5280                    | x 8 x $\frac{0 + 0.32}{2}$ | x 1.03        | = | 9189 Cft.   |
|             |                                      |                            |               | = | 53404 Cft.  |
| Say Qty.    | 53404 Cft. @ Rs. 3656.23 Per %0 Cft. |                            | Rs.           |   | 195,257 / = |

**Total**                      **Rs. 9,330,237 / =**

**DETAILED WORKING ESTIMATE FOR  
3.00 FEET SPAN R.C.C. SLAB CULVERT  
CONSTRUCTION OF ROAD FROM  
GABOL FARM ROAD TO SETH MOHAN DAS  
UC MAKHAN SAMOON TALUKA SHUJAABAD  
MILE:- 0/0-0/4 (0.80 KM)  
MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming, lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = item 18 (b) Page 4&5

|               |                                 |      |      |
|---------------|---------------------------------|------|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635  | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73   | Cft. |
| Total Qty =   |                                 | 1056 | Cft. |

Qty. 1056 Cft. @ Rs 3176.25 Per % Cft. Rs. 3,354 /=-

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |
| Total Qty =   |                                 | 239 | Cft. |

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=-

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (1-c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |
| Total Qty =   |                                 | 474 | Cft. |

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=-

**4 CEMENT CONCRETE (1:2:4)**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 (f) Page 18

|              |   |    |      |
|--------------|---|----|------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50 =                   | 34 | Cft. |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67 =                   | 25 | //   |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 10 | //   |
| WW (Coping)  | = 1 x 4 x 4.00 x 0.75 x 0.25 =                    | 3  | //   |
| =            |   | 72 | Cft. |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=-

## 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = Item 7 (II-a) Page 20

|                                     |                               |            |
|-------------------------------------|-------------------------------|------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 = | 120.06 lbs |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 = | 133.40 //  |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 = | 249.19 //  |
| Slab Distt: bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 = | 45.09 //   |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375 =  | 11.25 //   |
| Parapet Wall 1/4" dia bars.         | = 1 x 2 x 4 x 5.00 x 0.167 =  | 6.68 //    |
| Total in lbs =                      |                               | 565.67 lbs |
| Total in Cwt. =                     |                               | 5.05 Cwt   |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt.

Rs. 24,342 /=

## 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle).R.C.work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (i) Page 18 & 19

Slab = 1 x 1 x 30.25 x 4.00 x 0.66 = 80 Cft.

Qty. 80 Cft. @ Rs 337.00 Per Cft.

Rs. 26,960 /=

## 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

Bed Flooring = 1 x 30.25 x 2.25 = 68 Sft.

Qty. 68 Sft. @ Rs 5256.63 Per % Sft.

Rs. 3,575 /=

## 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = Item 18 (b-ii) Page 21

Parapet Wall = 1 x 2 x 2 x 5.25 x 1.12 = 24 Sft.

// (sides) = 1 x 2 x 2 x  $\frac{0.50 + 1.12}{2}$  x 1.12 = 4 //

Total Qty = 28 Sft.

Qty. 28 Sft. @ Rs 3127.41 Per % Sft.

Rs. 876 /=

**9 CEMENT PLASTER RATIO 1:3**

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = item 10 (b) Page 58

|               |                        |   |            |      |
|---------------|------------------------|---|------------|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182        | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67         | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12         | //   |
|               |                        | = | <u>261</u> | Sft. |

Qty. 261 Sft. @ Rs 2344.59 Per % Sft. Rs. 6,119 /=-

**Total**

Rs. 157,377 /=-

**DETAILED WORKING ESTIMATE FOR**  
**12 FEET SPAN R.C.C. SLAB BRIDGE**  
**CONSTRUCTION OF ROAD FROM**  
**VILLAGE MUHAMMAD UMER BUGHIO ROAD TO VILLAGE**  
**SHAHMIR KHASKHELI UC- MAKHAN SAMOON**  
**MILE : 0/0 -0/5 (1.00 KMS)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming. lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = item 18 (b) Page 4&5

|        |  |   |             |      |
|--------|--|---|-------------|------|
| Trench | = 1 x 1 x 25.50 x 27.00 x 6.00               | = | 4131        | Cft. |
| A/Wall | = 1 x 2 x 25.50 x 7.50 x 5.50                | = | 2104        | Cft. |
| W/Wall | = 1 x 4 x 10.00 x 7.00 x 5.50                | = | 1540        | Cft. |
| Bed    | = 1 x 1 x x 14.00 x 1.25                     | = | 0           | Cft. |
| Bed    | = 1 x 2 x x $\frac{14.00 + 28.00}{2}$ x 1.25 | = | 0           | //   |
|        |  | = | <u>7775</u> | Cft. |

Qty. 7775 Cft. @ Rs 3176.25 Per % Cft.

Rs. 24,695 /=

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = Item 4 (b) Page 17

|               |  |   |             |      |
|---------------|--|---|-------------|------|
| Abutment Wall | = 1 x 2 x 25.50 x 7.50 x 1.50              | = | 574         | Cft. |
| Wing Wall     | = 1 x 4 x 10.00 x 6.00 x 1.50              | = | 360         | Cft. |
| Bed           | = 1 x 1 x 25.50 x $\frac{12.00}{2}$ x 0.75 | = | 230         | Cft. |
|               |  | = | <u>1164</u> | Cft. |

Qty. 1164 Cft. @ Rs 9416.28 Per % Cft.

Rs. 109,605 /=

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (i-c) Page 24

|               |  |   |             |      |
|---------------|--|---|-------------|------|
| Abutment Wall | = 1 x 2 x 25.50 x 6.00 x 2.00                    | = | 612         | Cft. |
| Abutment Wall | = 1 x 2 x 25.50 x 5.00 x 2.00                    | = | 510         | //   |
| Abutment Wall | = 1 x 2 x 25.50 x 4.00 x 2.00                    | = | 408         | //   |
| Abutment Wall | = 2 x 1 x 25.50 x $\frac{4.00 + 2.00}{2}$ x 4.00 | = | 612         | //   |
| Wing Wall     | = 1 x 4 x 10.00 x 4.00 x 2.00                    | = | 320         | //   |
| Wing Wall     | = 1 x 4 x 10.00 x 3.00 x 2.00                    | = | 240         | //   |
| Wing Wall     | = 1 x 4 x 10.00 x 2.00 x 2.00                    | = | 160         | //   |
| Wing Wall     | = 1 x 4 x 10.00 x $\frac{2.00 + 1.50}{2}$ x 4.00 | = | 280         | //   |
|               |  | = | <u>3142</u> | Cft. |

Qty. 3142 Cft. @ Rs 12501.41 Per % Cft.

Rs. 392,794 /=



#### 4 CEMENT CONCRETE (1:2:4)

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 ( f ) Page 18

|              |                                |   |          |
|--------------|--------------------------------|---|----------|
| Bed Plate    | = 1 x 2 x 25.50 x 2.00 x 1.00  | = | 102 Cft. |
| Side of Slab | = 1 x 2 x 25.50 x 1.50 x 1.50  | = | 115 //   |
| Kerbing Wall | = 1 x 2 x 25.50 x 1.25 x 1.00  | = | 64 //    |
| Railing Ver  | = 2 x 3 x 1.00 x 0.50 x 3.50   | = | 11 //    |
| Railing Hor  | = 2 x 4 x 8.50 x 0.50 x 0.50   | = | 17 //    |
| Bed Flooring | = 1 x 2 x 25.50 x 12.00 x 0.50 | = | 306 //   |
|              |                                | = | 615 Cft. |

Qty. 615 Cft. @ Rs 14429.25 Per % Cft.

Rs. 88,740 /=-

#### 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = item 7 (ii- a ) Page 20

|                                   |                                |            |
|-----------------------------------|--------------------------------|------------|
| Bed Plates 1/2" dia bars          | = 2 x 1 x 8 x 25.50 x 0.667 =  | 272.14 lbs |
| Bed Plates 1/2" dia bars          | = 1 x 1 x 36 x 7.36 x 0.167 =  | 44.25 lbs  |
| Slab Main bars 1" dia ( bentup)   | = 1 x 1 x 82 x 15.50 x 2.670 = | 3393.6 //  |
| Slab Main bars 1" dia ( straight) | = 1 x 1 x 28 x 13.50 x 2.670 = | 1009.26 // |
| Slab Distt: bars 1/2" dia         | = 1 x 1 x 51 x 25.50 x 0.667 = | 867.43 //  |
| Parapet Wall 1/2" dia bars        | = 1 x 1 x 22 x 5.00 x 0.667 =  | 73.37 //   |
| Parapet Wall 1/4" dia bars        | = 1 x 1 x 6 x 11.00 x 0.167 =  | 11.02 //   |

Total in lbs = 5671.04 lbs

Total in Cwt. = 50.63 Cwt

Rs. 244,047 /=-

Qty. 50.63 Cwt. @ Rs 4820.20 Per Cwt.

#### 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing re

Schedule of Rate Vol: III Part - II = item 6 - a ( i ) Page 18 & 19

|      |                                |   |          |
|------|--------------------------------|---|----------|
| Slab | = 1 x 1 x 25.50 x 16.00 x 1.50 | = | 612 Cft. |
|------|--------------------------------|---|----------|

Qty. 612 Cft. @ Rs 337.00 Per Cft.

Rs. 206,244 /=-

## 8. ERECTION AND REMOVAL

Erection and removal of centering for R.C.C.  
or plain cement concrete works of Partal wood  
(2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

|              |                                   |   |                |
|--------------|-----------------------------------|---|----------------|
| Bed Plate    | = 1 x 1 x 2 x 25.50 x 1.00        | = | 51 Sft.        |
| Copping Wall | = 1 x 2 x 2 x 10.00 x 0.50        | = | 20 Sft.        |
| Railing Base | = 1 x 1 x 2 x 25.50 x 1.25        | = | 64 Sft.        |
| Kerbing      | = 1 x 1 x 2 x <u>25.50 x 1.00</u> | = | <u>51 Sft.</u> |
|              | Total Qty                         | = | 186 Sft.       |

Qty. 186 Sft. @ Rs 3127.41 Per % Sft. Rs. 5,817 /=

## 9 CEMENT PLASTER RATIO 1:3

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = item 10 (b) Page 58

|               |                               |   |          |
|---------------|-------------------------------|---|----------|
| Abutment Wall | = 1 x 1 x 25.50 x 5.00        | = | 128 Sft. |
| Wing Wall     | = 4 x 1 x <u>10.00 x 5.00</u> | = | 200 //   |
|               | 2                             | = | 328 Sft. |

Qty. 328 Sft. @ Rs 2344.59 Per % Sft. Rs. 7,690 /=

Total Rs. 1,079,632 /=

## INVITATION FOR BIDS

Date: 03-12-2011

Bid Reference No.: 1527

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: (These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas□) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works□).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders Clause Reference

1.1 Name of Executive Engineer Provincial Highway Division Mirpurkhas

### Brief Description of Works

.....  
(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer Provincial Highway Division Mirpurkhas  
Office Phone No

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity: *(mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security 02% of Estimate cost**

**14.1 Period of Bid Validity 90-Days**

**14.4 Number of Copies of the Bid to be submitted: 02 original copy.**

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids  
Time: \_\_\_\_\_ pm on \_\_\_\_\_

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

**Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)**

## SCHEDULE - F TO BID

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**

# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: (12) <sup>Road</sup> ADP 1558 GHA Village Akhla Badheya Rahman 4-c Sidhu  
Tahsil Sindh. M. No. 0-0/04 (80KAM).

N.I.T No Date: NIT No TC/G-55/3741, Dated: 24/04/2015.  
Date Of Issue:  
Date Of Opening:  
Tender Issued To:  
D.R No. Date:  
And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.

Date:

**(Name of Works)** .....

To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of \_\_\_\_\_ and address \_\_\_\_\_

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount

\_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.



5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)

(Seal)

Address

\_\_\_\_\_

—

\_\_\_\_\_

—

\_\_\_\_\_

—

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

—

**DETAILED WORKING ESTIMATE** (12)  
**FOR**  
**CONSTRUCTION OF ROAD**  
**VILLAGE ALLAH BACHAYO RAHIMOON**  
**DEH HALEPOTANI**  
**MILE : 0/0 -0/4 (0.80 KM)**  
**MEASUREMENT CUM ABSTRACT SHEET**

| S.No | Item of work. | Quantity | Rate | Unit | Amount. |
|------|---------------|----------|------|------|---------|
|------|---------------|----------|------|------|---------|

**1 FORMATION:-**

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock ( If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C), Page No. 1&2  
MILE : 0/0 -0/4 (0.80 KM)

**(a) COMPACTING UPTO 85% DENSITY ORDINARY**

As Per Earth Work Statement (Attached) 202000 Cft

Say Qty. 202000 Cft. @ Rs. 3656.23 Per %0 Cft. Rs. 738,558 / =

**(b) COMPACTION 95-100% DENSITY ORDINARY**

Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2

|              |                                      |     |             |
|--------------|--------------------------------------|-----|-------------|
|              | 0.5000 x 5280 x 14.00 x 1.0 x 1.03   | =   | 38069 Cft.  |
| Village Appr | 0.1610 x 5280 x 14.00 x 1.0 x 1.03   | =   | 12257 Cft.  |
|              |                                      | =   | 50326 Cft.  |
| Say Qty.     | 50326 Cft. @ Rs. 6190.17 Per %0 Cft. | Rs. | 311,526 / = |

**2 SUB BASE COURSE:-**

Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in gauge of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and gauge from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4

|              |                                      |     |               |
|--------------|--------------------------------------|-----|---------------|
|              | 0.5000 x 5280 x 12.00 x 0.50 x 1.03  | =   | 16315 Cft.    |
| Village Appr | 0.1610 x 5280 x 12.00 x 0.50 x 1.03  | =   | 5253 Cft.     |
|              |                                      | =   | 21568 Cft.    |
| Say Qty.     | 21568 Cft. @ Rs. 10054.44 Per % Cft. | Rs. | 2,168,542 / = |

**3 BRICK ON EDGING:-**

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (9), Page No. 4

MILE : 0/0 -0/4 (0.80 KM)

|              |   |   |        |   |      |   |      |   |           |
|--------------|---|---|--------|---|------|---|------|---|-----------|
|              | 2 | x | 0.5000 | x | 5280 | x | 1.03 | = | 5438 Rft. |
| Village Appr | 2 | x | 0.1610 | x | 5280 | x | 1.03 | = | 1751 Rft. |
|              |   |   |        |   |      |   |      | = | 7189 Rft. |

Say Qty. 7189 Rft. @ Rs. 2729.96 Per % Rft. Rs. 196,257 / =

**4 BASE COURSE:-**

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications.(Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4

MILE : 0/0 -0/4 (0.80 KM)

|              |        |   |      |   |       |   |      |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------|---|------------|
|              | 0.5000 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 16315 Cft. |
| Village Appr | 0.1610 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 5253 Cft.  |
|              |        |   |      |   |       |   |      |   |      | = | 21568 Cft. |

Say Qty. 21568 Cft. @ Rs. 11123.44 Per % Cft. Rs. 2,399,104 / =

**5 2 COAT SURFACE TREATMENT:-**

Providing surface dressing first coat on new or existing surface with 35 lbs Bitumen of 80/100 penetration and 6.75 cft of crush bajri of required size of 1/2"-3/8", including cleaning the road surface, rolling etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3 chains)

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8

MILE : 0/0 -0/4 (0.80 KM)

|              |        |   |      |   |       |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------------|
|              | 0.5000 | x | 5280 | x | 12.00 | x | 1.03 | = | 32630 Sft. |
| Village Appr | 0.1610 | x | 5280 | x | 12.00 | x | 1.03 | = | 10506 Sft. |
|              |        |   |      |   |       |   |      | = | 43136 Sft. |

Say Qty. 43136 Sft. @ Rs. 2193.63 Per % Sft. Rs. 946,244 / =

6 1 1/2" THICK PREMIXED CARPET

Providing 1 1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 cft. Crush bajri, 5 cft. Hill sand (of approved quality and grade) with 93 lbs bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface (Hill sand 3 cft. for mixing and 2 cft. for dusting). ( Rate includes all cost of materials, labours, T&P, and carriage upto site  
Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8  
MILE : 0/0 -0/4 (0.80 KM)

|              |                                     |   |                   |
|--------------|-------------------------------------|---|-------------------|
|              | 0.5000 x 5280 x 12.00 x 1.03        | = | 32630 Sft.        |
| Village Appr | 0.1610 x 5280 x 12.00 x 1.03        | = | 10506 Sft.        |
|              |                                     | = | 43136 Sft.        |
| Say Qty.     | 43136 Sft. @ Rs. 6594.51 Per % Sft. |   | Rs. 2,844,608 / = |

7 EARTH WORK ON BERMS:-

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft.

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1  
MILE : 0/0 -0/4 (0.80 KM)  
Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

|    |             |                                      |                            |               |   |                 |
|----|-------------|--------------------------------------|----------------------------|---------------|---|-----------------|
| 85 | Berms       | 2 x 0.6610 x 5280                    | $\frac{8 + 10}{2}$         | x 1.00 x 1.03 | = | 64705 Cft.      |
|    | Ded B.edg.  | 2 x 0.6610 x 5280                    | x 0.375 x 0.75             | x 1.03        | = | 2022 Cft.       |
|    | Ded 4% Slop | 2 x 0.6610 x 5280                    | x 8 x $\frac{0 + 0.32}{2}$ | x 1.03        | = | 9202 Cft.       |
|    |             |                                      |                            |               | = | 53481 Cft.      |
|    | Say Qty.    | 53481 Cft. @ Rs. 3656.23 Per %0 Cft. |                            |               |   | Rs. 195,539 / = |

Total Rs. 9,800,378 / =

**DETAILED WORKING ESTIMATE FOR  
3.00 FEET SPAN R.C.C. SLAB CULVERT**

CONSTRUCTION OF ROAD

VILLAGE ALLAH BACHAYO RAHIMOON

DEH HALEPOTANI

MILE : D/O -0/4 (0.80 KM)

**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = Item 18 (b) Page 4&5

|               |                                 |      |      |
|---------------|---------------------------------|------|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635  | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73   | Cft. |
| Total Qty =   |                                 | 1056 | Cft. |

Qty. 1056 Cft. @ Rs 3176.25 Per % Cft. Rs. 3,354 /=

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |
| Total Qty =   |                                 | 239 | Cft. |

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (i-c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |
| Total Qty =   |                                 | 474 | Cft. |

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=

**4 CEMENT CONCRETE (1:2:4)**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 (f) Page 18

|              |   |    |         |
|--------------|---|----|---------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50 =                   | 34 | Cft.    |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67 =                   | 25 | //      |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 10 | //      |
| WW (Coping)  | = 1 x 4 x 4.00 x 0.75 x 0.25 =                    | 3  | //      |
|              |   | =  | 72 Cft. |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=

## 5 FEBRICATION

Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = item 7 (ii-a) Page 20

|                                     |                               |            |
|-------------------------------------|-------------------------------|------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 = | 120.06 lbs |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 = | 133.40 //  |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 = | 249.19 //  |
| Slab Distt: bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 = | 45.09 //   |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375 =  | 11.25 //   |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167 =  | 6.68 //    |
|                                     | Total in lbs =                | 565.67 lbs |
|                                     | Total in Cwt. =               | 5.05 Cwt   |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt.

Rs. 24,342 /=-

## 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C.work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (i) Page 18 & 19

Slab = 1 x 1 x 30.25 x 4.00 x 0.66 = 80 Cft.

Qty. 80 Cft. @ Rs 337.00 Per Cft.

Rs. 26,960 /=-

## 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

Bed Flooring = 1 x 30.25 x 2.25 = 68 Sft.

Qty. 68 Sft. @ Rs 5256.63 Per % Sft.

Rs. 3,575 /=-

## 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood ( 2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

Parapet Wall = 1 x 2 x 2 x 5.25 x 1.12 = 24 Sft.  
 // (sides) = 1 x 2 x 2 x  $\frac{0.50 + 1.12}{2}$  x 1.12 = 4 //

Total Qty = 28 Sft.

Qty. 28 Sft. @ Rs 3127.41 Per % Sft.

Rs. 876 /=-

9 CEMENT PLASTER RATIO 1:3

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = Item 10 (b) Page 58

|               |                        |   |            |      |
|---------------|------------------------|---|------------|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182        | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67         | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12         | //   |
|               |                        | = | <u>261</u> | Sft. |

Qty. 261 Sft. @ Rs 2344.59 Per % Sft.

Rs. 6,119 /=-

Total

Rs. 157,377 /=-

**INVITATION FOR BIDS**

**Date: 03-12-2011**

**Bid Reference No.: 1527**

1. The Executive Engineer \_\_\_\_\_ Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer \_\_\_\_\_ Highway Division Mirpurkhas for the Works,“  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, \_\_\_\_\_, \_\_\_\_\_ at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]



## INSTRUCTIONS TO BIDDERS

(Note: *These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed*).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

1.1 Name of Executive Engineer Provincial Highway Division Mirpurkhas

#### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer Provincial Highway Division Mirpurkhas

Office Phone No

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity : *( mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttering 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security 02% of Estimate cost**

**14.1 Period of Bid Validity 90-Days**

**14.4 Number of Copies of the Bid to be submitted: 02 original copy.**

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_.

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)

## SCHEDULE – F TO BID

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**

# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work: 13 APP 1558 G.M.A. P.M.C. Road Abdul Rehman Ch: Ali M. Rehman  
Sindhwa. Mirpurkhas. 3/330 (0.70 kms)

N.I.T No Date: NIT No TC/G-55/377 /, Dated: 27/4 /2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

(Name of Works) .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_

dated: \_\_\_\_\_ Amount  
\_\_\_\_\_ Bank \_\_\_\_\_ drawn in your

favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)

(Seal)

Address

\_\_\_\_\_  
Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

(13)

**DETAILED WORKING ESTIMATE**  
**F O R**  
**CONSTRUCTION OF ROAD FROM**  
**LINK ROAD ABDUL REHMAN GADDI TO VILLAGE**  
**CHOUDHRY ALI MOHAMMAD DEH KHANDAR**  
**MILE : 0/0 -0/3+330 (0.70 KM)**  
**MEASUREMENT CUM ABSTRACT SHEET**

| S.No | Item of work. | Quantity | Rate | Unit. | Amount. |
|------|---------------|----------|------|-------|---------|
|------|---------------|----------|------|-------|---------|

**1 FORMATION:-**

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock ( If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C ), Page No. 1&2

MILE : 0/0 -0/3+330 (0.70 KM)

**(a) COMPACTING UPTO 85% DENSITY ORDINARY**

As Per Earth Work Statement (Attached) 134200 Cft

Say Qty. 134200 Cft. @ Rs. 3656.23 Per %0 Cft. Rs. 490,666 /=

**(b) COMPACTION 95-100% DENSITY ORDINARY**

Sch. of Rate, vol-III Part - VI, item No.3 (ii-a ), Page No. 1&2

|              |        |   |      |   |       |   |     |   |      |   |            |
|--------------|--------|---|------|---|-------|---|-----|---|------|---|------------|
|              |        |   |      |   |       |   |     |   |      |   |            |
|              | 0.4375 | x | 5280 | x | 14.00 | x | 1.0 | x | 1.03 | = | 33310 Cft. |
| Village Appr | 0.0114 | x | 5280 | x | 14.00 | x | 1.0 | x | 1.03 | = | 865 Cft.   |
|              |        |   |      |   |       |   |     |   |      | = | 34175 Cft. |

Say Qty. 34175 Cft. @ Rs. 6190.17 Per %0 Cft. Rs. 211,549 /=

**2 SUB BASE COURSE:-**

Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4

|              |        |   |      |   |       |   |      |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------|---|------------|
|              |        |   |      |   |       |   |      |   |      |   |            |
|              | 0.4375 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 14276 Cft. |
| Village Appr | 0.0114 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 371 Cft.   |
|              |        |   |      |   |       |   |      |   |      | = | 14647 Cft. |

Say Qty. 14647 Cft. @ Rs. 9169.79 Per % Cft. Rs. 1,343,099 /=

**3 BRICK ON EDGING:-**

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (9), Page No. 4

MILE : 0/0 -0/3+330 (0.70 KM)

|              |   |   |        |   |      |   |      |   |           |
|--------------|---|---|--------|---|------|---|------|---|-----------|
|              | 2 | x | 0.4375 | x | 5280 | x | 1.03 | = | 4759 Rft. |
| Village Appr | 2 | x | 0.0114 | x | 5280 | x | 1.03 | = | 124 Rft.  |
|              |   |   |        |   |      |   |      | = | 4883 Rft. |

Say Qty. 4883 Rft. @ Rs. 2729.96 Per % Rft. Rs. 133,304 /=

**4 BASE COURSE:-**

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications.(Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4

MILE : 0/0 -0/3+330 (0.70 KM)

|              |        |   |      |   |       |   |      |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------|---|------------|
|              | 0.4375 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 14276 Cft. |
| Village Appr | 0.0114 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 371 Cft.   |
|              |        |   |      |   |       |   |      |   |      | = | 14647 Cft. |

Say Qty. 14647 Cft. @ Rs. 10207.85 Per % Cft. Rs. 1,495,144 /=

**5 2 COAT SURFACE TREATMENT:-**

Providing surface dressing first coat on new or existing surface with 39 lbs Bitumen of 80/100 penetration and 6.75 cft of crush bajri of required size of 1/2"-3/8", including cleaning the road surface, rolling etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3 chains)

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8

MILE : 0/0 -0/3+330 (0.70 KM)

|              |        |   |      |   |       |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------------|
|              | 0.4375 | x | 5280 | x | 12.00 | x | 1.03 | = | 28552 Sft. |
| Village Appr | 0.0114 | x | 5280 | x | 12.00 | x | 1.03 | = | 742 Sft.   |
|              |        |   |      |   |       |   |      | = | 29294 Sft. |

Say Qty. 29294 Sft. @ Rs. 2148.82 Per % Sft. Rs. 629,475 /=



6 1 1/2" THICK PREMIXED CARPET

Providing 1 1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 cft. Crush bajri, 5 cft. Hill sand (of approved quality and grade) with 93 lbs bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface (Hill sand 3 cft. for mixing and 2 cft. for dusting). ( Rate includes all cost of materials, labours, T&P, and carriage upto site  
Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8  
MILE : 0/0 -0/3+330 (0.70 KM)

|              |                                     |   |                  |
|--------------|-------------------------------------|---|------------------|
|              | 0.4375 x 5280 x 12.00 x 1.03        | = | 28552 Sft.       |
| Village Appr | 0.0114 x 5280 x 12.00 x 1.03        | = | 742 Sft.         |
|              |                                     | = | 29294 Sft.       |
| Say Qty.     | 29294 Sft. @ Rs. 6463.47 Per % Sft. |   | Rs. 1,893,409 /= |

7 EARTH WORK ON BERMS:-

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft.

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1

MILE : 0/0 -0/3+330 (0.70 KM)

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

85

|             |  |   |                  |
|-------------|--|---|------------------|
| Berms       | 2 x 0.4489 x 5280 x $\frac{8 + 10}{2}$ x 1.00 x 1.03 | = | 43940 Cft.       |
| Ded B.edg.  | 2 x 0.4489 x 5280 x 0.375 x 0.75 x 1.03              | = | 1373 Cft.        |
| Ded 4% Slop | 2 x 0.4489 x 5280 x 8 x $\frac{0 + 0.32}{2}$ x 1.03  | = | 6249 Cft.        |
|             |  | = | 36318 Cft.       |
| Say Qty.    | 36318 Cft. @ Rs. 3656.23 Per % Cft.                  |   | Rs. 132,787 /=   |
|             |  |   | <hr/>            |
|             | Total  |   | Rs. 6,329,433 /= |

**DETAILED WORKING ESTIMATE FOR  
3.00 FEET SPAN R.C.C. SLAB CULVERT  
CONSTRUCTION OF ROAD FROM  
LINK ROAD ABDUL REHMAN GADDI TO VILLAGE  
CHOUHRY ALI MOHAMMAD DEH KHANDAR  
MILE : 0/0 -0/3+330 (0.70 KM)  
MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming, lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = item 18 (b) Page 4&5

|               |                                 |      |      |
|---------------|---------------------------------|------|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635  | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73   | Cft. |
| Total Qty =   |                                 | 1056 | Cft. |

Qty. 1056 Cft. @ Rs 3176.25 Per % Cft. Rs. 3,354 /=-

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |
| Total Qty =   |                                 | 239 | Cft. |

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=-

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |
| Total Qty =   |                                 | 474 | Cft. |

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=-

**4 CEMENT CONCRETE (1:2:4)**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1.2:4)

Schedule of Rate Vol: III Part - II = item 5 (f) Page 18

|              |   |    |      |
|--------------|---|----|------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50 =                   | 34 | Cft. |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67 =                   | 25 | //   |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 10 | //   |
| WW (Coping)  | = 1 x 4 x 4.00 x 0.75 x 0.25 =                    | 3  | //   |
| =            |   | 72 | Cft. |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=-

### 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = item 7 (ii-a) Page 20

|                                     |                               |            |
|-------------------------------------|-------------------------------|------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 = | 120.06 lbs |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 = | 133.40 //  |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 = | 249.19 //  |
| Slab Distt: bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 = | 45.09 //   |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375 =  | 11.25 //   |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167 =  | 6.68 //    |
|                                     | <hr/>                         |            |
|                                     | Total in lbs =                | 565.67 lbs |
|                                     | Total in Cwt. =               | 5.05 Cwt   |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt.

Rs. 24,342 /=

### 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle).R.C.work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (i) Page 18 & 19

Slab = 1 x 1 x 30.25 x 4.00 x 0.66 = 80 Cft.

Qty. 80 Cft. @ Rs. 337.00 Per Cft.

Rs. 26,960 /=

### 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

Bed Flooring = 1 x 30.25 x 2.25 = 68 Sft.

Qty. 68 Sft. @ Rs 5256.63 Per % Sft.

Rs. 3,575 /=

### 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood ( 2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ij) Page 21

Parapet Wall = 1 x 2 x 2 x 5.25 x 1.12 = 24 Sft.

// (sides) = 1 x 2 x 2 x  $\frac{0.50 + 1.12}{2} \times 1.12$  = 4 //

---

Total Qty = 28 Sft.

Qty. 28 Sft. @ Rs 3127.41 Per % Sft.

Rs. 876 /=

9 CEMENT PLASTER RATIO 1:3

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II = item 10 (b) Page 58

|               |                        |   |     |      |
|---------------|------------------------|---|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182 | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67  | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12  | //   |
|               |                        | = | 261 | Sft. |

Qty. 261 Sft @ Rs 2344.59 Per % Sft.

Total

Rs. 6,119 /=-

Rs. 157,377 /=-

**INVITATION FOR BIDS**

**Date: 03-12-2011**

**Bid Reference No.: 1527**

1. The Executive Engineer \_\_\_\_\_ Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer \_\_\_\_\_ Highway Division Mirpurkhas for the Works,“  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, \_\_\_\_\_, \_\_\_\_\_ at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: (These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer Provincial Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer Provincial Highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC .

b) duly pre-qualified with the Executive Engineer Provincial Highway Division Mirpurkhas. (Where required).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken , the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

1.1 Name of Executive Engineer ..... Highway Division Mirpurkhas

#### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer ..... Highway Division Mirpurkhas

Office Phone No .....

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity : *(mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shutting 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security 02% of Estimate cost

14.1 Period of Bid Validity 90-Days

14.4 Number of Copies of the Bid to be submitted: 02 original copy.

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

*Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)*

## SCHEDULE – F TO BID

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**



# SPPRA BIDDING DOCUMENTS

STANDARD FORM OF BIDDING DOCUMENT  
FOR  
(PROCUREMENT OF WORKS)

GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

(For Contractor (Small) amounting between Rs. 2.5 million to 50.0 million)

Name Of Work (14) *ADP 1556 G.I.P. Sindh Road Hyd. Canal to Dr. Arunav Sultana*  
*via. Ch. M. Sultana via Raja Loom. Dep. 108*  
*C. C. T. M. C. Mati o/o - 0/2+356 (0.5 KSM).*

N.I.T No Date: NIT No TC/G-55/374 /, Dated: 27 / 4 / 2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount Rs. 3000/-

EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS

**FORM OF BID  
(LETTER OF OFFER)**

Bid Reference No.  
Date:

(Name of Works) .....  
To:

**Executive Engineer,**  
Highway Division  
Mirpurkhas.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address

\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the shape of call deposit No. \_\_\_\_\_ dated: \_\_\_\_\_ Amount

\_\_\_\_\_ Bank \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)

(Seal)

Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

DETAILED WORKING ESTIMATE

F O R

CONSTRUCTION OF LINK ROAD HYDERABAD  
ROAD TO DR. ANWAR SHAIKH VIA RAJA FARM

DEH 108 UC TURK ALI MARI

MILE : 0/0 -0/2+330 (0.50 KM)

MEASUREMENT CUM ABSTRACT SHEET

| S.No | Item of work. | Quantity | Rate | Unit. | Amount. |
|------|---------------|----------|------|-------|---------|
|------|---------------|----------|------|-------|---------|

**1 FORMATION:-**

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 1 Miles and lift upto 5.0 ft. in all types of soil except rock (If earth work is done by other than Sch. of Rate, vol-III Part - VI, item No.3 (ii-C), Page No. 1&2

MILE : 0/0 -0/2+330 (0.50 KM)

**(a) COMPACTING UPTO 85% DENSITY ORDINARY**

As Per Earth Work Statement (Attached)      101000 Cft

Say Qty. 101000 Cft. @ Rs. 3656.23 Per %0 Cft.      Rs. 369,279 /=

**(b) COMPACTION 95-100% DENSITY ORDINARY**

Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2

|              |                                    |   |            |
|--------------|------------------------------------|---|------------|
|              | 0.3125 x 5280 x 14.00 x 1.0 x 1.03 | = | 23793 Cft. |
| Village Appr | 0.0227 x 5280 x 14.00 x 1.0 x 1.03 | = | 1730 Cft.  |
|              |                                    | = | 25523 Cft. |

Say Qty. 25523 Cft. @ Rs. 6190.17 Per %0 Cft.      Rs. 157,992 /=

**2 SUB BASE COURSE:-**

Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (8) C, Page No. 3 & 4

|              |                                     |   |            |
|--------------|-------------------------------------|---|------------|
|              | 0.3125 x 5280 x 12.00 x 0.50 x 1.03 | = | 10197 Cft. |
| Village Appr | 0.0227 x 5280 x 12.00 x 0.50 x 1.03 | = | 742 Cft.   |
|              |                                     | = | 10939 Cft. |

Say Qty. 10939 Cft. @ Rs. 8424.81 Per % Cft.      Rs. 921,590 /=

3 **BRICK ON EDGING:-**

Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.2 (9), Page No. 4

MILE : 0/0 -0/2+330 (0.50 KM)

|              |   |   |        |   |      |   |      |   |           |
|--------------|---|---|--------|---|------|---|------|---|-----------|
|              | 2 | x | 0.3125 | x | 5280 | x | 1.03 | = | 3399 Rft. |
| Village Appr | 2 | x | 0.0227 | x | 5280 | x | 1.03 | = | 247 Rft.  |
|              |   |   |        |   |      |   |      | = | 3646 Rft. |

Say Qty. 3646 Rft. @ Rs. 2729.96 Per % Rft. Rs. 99,534 /=

4 **BASE COURSE:-**

Preparing base course including supplying and spreading stone metal of approved quality properly graded to maximum size of 1 1/2" in required thickness of (3") to proper camber and grade including supplying and spreading 15 cft. Screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications.(Rate includes providing and using templates, camber plates, screens, forms etc. as directed). Rate includes all cost of materials, T&P, labours and carriage upto site of work.

Sch. of Rate, vol-III Part - VI, item No.3 (10), Page No. 4

MILE : 0/0 -0/2+330 (0.50 KM)

|              |        |   |      |   |       |   |      |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------|---|------------|
|              | 0.3125 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 10197 Cft. |
| Village Appr | 0.0227 | x | 5280 | x | 12.00 | x | 0.50 | x | 1.03 | = | 742 Cft.   |
|              |        |   |      |   |       |   |      |   |      | = | 10939 Cft. |

Say Qty. 10939 Cft. @ Rs. 9436.83 Per % Cft. Rs. 1,032,295 /=

5 **2 COAT SURFACE TREATMENT:-**

Providing surface dressing first coat on new or existing surface with 30 lbs Bitumen of 80/100 penetration and 6.75 cft of crush bajri of required size of 1/2"-3/8", including cleaning the road surface, rolling etc. complete. Rate includes all cost of materials, labours, T&P, and carriage upto site of work. (3 chains)

Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8

MILE : 0/0 -0/2+330 (0.50 KM)

|              |        |   |      |   |       |   |      |   |            |
|--------------|--------|---|------|---|-------|---|------|---|------------|
|              | 0.3125 | x | 5280 | x | 12.00 | x | 1.03 | = | 20394 Sft. |
| Village Appr | 0.0227 | x | 5280 | x | 12.00 | x | 1.03 | = | 1483 Sft.  |
|              |        |   |      |   |       |   |      | = | 21877 Sft. |

Say Qty. 21877 Sft. @ Rs. 2113.13 Per % Sft. Rs. 462,289 /=

6 1 1/2" THICK PREMIXED CARPET

Providing 1 1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 cft. Crush bajri, 5 cft. Hill sand (of approved quality and grade) with 93 lbs bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface (Hill sand 3 cft. for mixing and 2 cft. for dusting). ( Rate includes all cost of materials, labours, T&P, and carriage upto site  
Sch. of Rate, vol-III Part - VI, item No.12(C-b), Page No. 6-8  
MILE : 0/0 -0/2+330 (0.50 KM)

|              |                                     |     |               |
|--------------|-------------------------------------|-----|---------------|
|              | 0.3125 x 5280 x 12.00 x 1.03        | =   | 20394 Sft.    |
| Village Appr | 0.0227 x 5280 x 12.00 x 1.03        | =   | 1483 Sft.     |
|              |                                     | =   | 21877 Sft.    |
| Say Qty.     | 21877 Sft. @ Rs. 6357.68 Per % Sft. | Rs. | 1,390,870 / = |

7 EARTH WORK ON BERMS:-

Earth work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 2 Miles. and lift upto 5.0 ft.

Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No. 1  
MILE : 0/0 -0/2+330 (0.50 KM)  
Sch. of Rate, vol-III Part - VI, item No.1 (2), Page No.

85

|             |   |     |               |
|-------------|---|-----|---------------|
| Berms       | 2 x 0.3352 x 5280 $\frac{8 + 10}{2}$ x 1.00 x 1.03  | =   | 32816 Cft.    |
| Ded B.edg.  | 2 x 0.3352 x 5280 x 0.375 x 0.75 x 1.03             | =   | 1025 Cft.     |
| Ded 4% Slop | 2 x 0.3352 x 5280 x 8 x $\frac{0 + 0.32}{2}$ x 1.03 | =   | 4667 Cft.     |
|             |   | =   | 27124 Cft.    |
| Say Qty.    | 27124 Cft. @ Rs. 3656.23 Per %0 Cft.                | Rs. | 99,172 / =    |
|             | Total   | Rs. | 4,533,021 / = |

**DETAILED WORKING ESTIMATE FOR**  
**3.00 FEET SPAN R.C.C. SLAB CULVERT**  
**CONSTRUCTION OF LINK ROAD HYDERABAD**  
**ROAD TO DR. ANWAR SHAIKH VIA RAJA FARM**  
**DEH 108 UC TURK ALI MARI**  
**MILE : 0/0 -0/2+330 (0.50 KM)**

**MEASUREMENT CUM ABSTRACT SHEET**

| S.NO | ITEM OF WORKS | RATE | UNIT | AMOUNT |
|------|---------------|------|------|--------|
|------|---------------|------|------|--------|

**1 EXCAVATION**

Excavation in foundation of Building, Bridges and other structures including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming, lead upto 5.00 ft. (In Ordinary soil)

Schedule of Rate Vol: III Part - II = Item 18 (b) Page 4&5

|               |                                 |      |      |
|---------------|---------------------------------|------|------|
| Trench        | = 1 x 1 x 30.25 x 7.00 x 3.00 = | 635  | Cft. |
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 2.00 = | 348  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 1.75 =  | 73   | Cft. |
| Total Qty =   |                                 | 1056 | Cft. |

Qty. 1056 Cft. @ Rs 3176.25 Per % Cft. Rs. 3,354 /=-

**2 CEMENT CONCRETE RATIO 1:4:8**

Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8

Schedule of Rate Vol: III Part - II = Item 4 (b) Page 17

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 2.88 x 1.00 = | 174 | Cft. |
| Bed           | = 1 x 1 x 30.25 x 2.25 x 0.50 = | 34  | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 2.62 x 0.75 =  | 31  | Cft. |
| Total Qty =   |                                 | 239 | Cft. |

Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 22,505 /=-

**3 PUCCA BRICK WORK RATIO 1:4**

Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4

Schedule of Rate Vol: III Part - II = item 4 (I-c) Page 24

|               |                                 |     |      |
|---------------|---------------------------------|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 1.88 x 1.00 = | 114 | Cft. |
| Wing Wall     | = 1 x 4 x 4.00 x 1.88 x 1.00 =  | 30  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.50 x 2.00 = | 182 | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.50 x 2.00 =  | 48  | //   |
| Abutment Wall | = 1 x 2 x 30.25 x 1.12 x 1.00 = | 68  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 1.12 x 1.00 =  | 18  | //   |
| Wing Wall     | = 1 x 4 x 4.00 x 0.75 x 1.16 =  | 14  | //   |
| Total Qty =   |                                 | 474 | Cft. |

Qty. 474 Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /=-

**4 CEMENT CONCRETE (1:2:4)**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering ( Ratio 1:2:4)

Schedule of Rate Vol: III Part - II = item 5 (f) Page 18

|              |   |    |      |
|--------------|---|----|------|
| Bed Plate    | = 1 x 2 x 30.25 x 1.12 x 0.50 =                   | 34 | Cft. |
| Side of Slab | = 1 x 2 x 30.25 x 0.62 x 0.67 =                   | 25 | //   |
| Parapet Wall | = 1 x 2 x 5.25 x $\frac{0.50 + 1.12}{2}$ x 1.12 = | 10 | //   |
| WW (Coping)  | = 1 x 4 x 4.00 x 0.75 x 0.25 =                    | 3  | //   |
| =            |   | 72 | Cft. |

Qty. 72 Cft. @ Rs 14429.25 Per % Cft. Rs. 10,389 /=-

## 5 FEBRICATION

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

Schedule of Rate Vol: III Part - II = Item 7 (ii) - a) Page 20

|                                     |                               |            |
|-------------------------------------|-------------------------------|------------|
| Bed Plates 1/2" dia bars            | = 1 x 2 x 3 x 30.00 x 0.667 = | 120.06 lbs |
| Slab Main bars 1/2" dia ( bentup)   | = 1 x 1 x 40 x 5.00 x 0.667 = | 133.40 //  |
| Slab Main bars 1/2" dia ( straight) | = 1 x 1 x 80 x 4.67 x 0.667 = | 249.19 //  |
| Slab Distt: bars 1/4" dia           | = 1 x 1 x 9 x 30.00 x 0.167 = | 45.09 //   |
| Parapet Wall 3/8" dia bars          | = 1 x 2 x 3 x 5.00 x 0.375 =  | 11.25 //   |
| Parapet Wall 1/4" dia bars          | = 1 x 2 x 4 x 5.00 x 0.167 =  | 6.68 //    |
| Total in lbs =                      |                               | 565.67 lbs |
| Total in Cwt. =                     |                               | 5.05 Cwt   |

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt.

Rs. 24,342 /=

## 6 R.C.C. WORK. RATIO 1:2:4

Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C.work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

Schedule of Rate Vol: III Part - II = item 6 - a (i) Page 18 & 19

Slab = 1 x 1 x 30.25 x 4.00 x 0.66 = 80 Cft.

Qty. 80 Cft. @ Rs 337.00 Per Cft.

Rs. 26,960 /=

## 7 BRICK ON EDGE FLOORING

Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6

Schedule of Rate Vol: III Part - II = item 9 Page 47

Bed Flooring = 1 x 30.25 x 2.25 = 68 Sft.

Qty. 68 Sft. @ Rs 5256.63 Per % Sft.

Rs. 3,575 /=

## 8 ERECTION AND REMOVAL

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical

Schedule of Rate Vol: III Part - II = item 18 (b-ii) Page 21

Parapet Wall = 1 x 2 x 2 x 5.25 x 1.12 = 24 Sft.  
// (sides) = 1 x 2 x 2 x  $\frac{0.50 + 1.12}{2}$  x 1.12 = 4 //  
Total Qty = 28 Sft.

Qty. 28 Sft. @ Rs 3127.41 Per % Sft.

Rs. 876 /=



**9 CEMENT PLASTER RATIO 1:3**

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

Schedule of Rate Vol: III Part - II \* item 10 (b) Page 68

|               |                        |   |     |      |
|---------------|------------------------|---|-----|------|
| Abutment Wall | = 1 x 2 x 30.25 x 3.00 | = | 182 | Sft. |
| Wing Wall     | = 1 x 4 x 4.00 x 4.16  | = | 67  | //   |
| // (sides)    | = 1 x 4 x 0.75 x 4.16  | = | 12  | //   |
|               |                        | = | 261 | Sft. |

Qty. 261 Sft. @ Rs 2344.59 Per % Sft. Rs. 6,119 /=-

---

Total Rs. 157,377 /=-

## INVITATION FOR BIDS

Date: 03-12-2011

Bid Reference No.: 1527

1. The Executive Engineer Provincial Highway Division Mirpurkhas, invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works costing Rs 2.5 million or less) and/or duly pre-qualified (if pre-qualification is done for specific scheme/project) with the Executive Engineer Provincial Highway Division Mirpurkhas for the Works,  
.....

2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Provincial Highway Division Mirpurkhas, at

3. All bids must be accompanied by a Bid Security in the amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Provincial Highway Division Mirpurkhas at or before on \_\_\_\_\_ Bids will be opened at 2.00 pm on the \_\_\_\_\_ day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

## INSTRUCTIONS TO BIDDERS

(Note: *These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed*).

### A. GENERAL

#### IB.1 Scope of Bid & Source of Funds

##### 1.1 Scope of Bid

The Executive Engineer  Highway Division Mirpurkhas defined in the Bidding Data (hereinafter called —the Executive Engineer Provincial Highway Division Mirpurkhas) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as —the Works).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

##### 1.2 Source of Funds

The Works & Services Department Government of Sindh has approved the scheme for ..... Road to, which is to be executed by the Executive Engineer  highways Division Mirpurkhas.

#### IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 4.0 million or less shall not require any registration with PEC.

b) duly pre-qualified with the Executive Engineer  Highway Division Mirpurkhas. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

c) if prequalification has not undertaken, the Executive Engineer Provincial Highway Division Mirpurkhas may ask information and documents not limited to following:-

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 3/5 years;
- (iii) construction equipments;
- (iv) qualification and experience of technical personnel and key site management;

## BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

### Instructions to Bidders

#### Clause Reference

1.1 Name of Executive Engineer ..... Highway Division Mirpurkhas

#### Brief Description of Works

.....

(a) Executive Engineer Provincial Highway Division Mirpurkhas Address:

(b) Engineer's address:

Executive Engineer ..... Highway Division Mirpurkhas  
Office Phone No .....

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity:

ii. Technical capacity: *(mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. (3) Life for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No.

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security 02% of Estimate cost**

**14.1 Period of Bid Validity 90-Days**

**14.4 Number of Copies of the Bid to be submitted: 02 original copy.**

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 Deadline for Submission of Bids

Time: \_\_\_\_\_ pm on \_\_\_\_\_

16.1 Venue, Time, and Date of Bid Opening

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: \_\_\_\_\_ pm Date: \_\_\_\_\_

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days

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**SCHEDULE - F TO BID**

**(INTEGRITY PACT)  
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC  
PAYABLE BY CONTRACTORS**

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: .....

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

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

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

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

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

[Contractor]

**EXECUTIVE ENGINEER  
HIGHWAY DIVISION  
MIRPURKHAS**

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**INVITATION FOR BIDS**

**INSTRUCTIONS  
TO BIDDERS  
&  
BIDDING DATA**

**Notes on the Instructions to Bidders.**

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Executive Engineer Provincial Highway Division Mirpurkhas. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are not normally included in this Section, but rather in the appropriate sections of the *Conditions of Contract* and/or Contract Data.



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- (v) financial statement of last 3 years;
- (vi) information regarding litigations and abandoned works if any.

### **IB.3 Cost of Bidding**

- 3.1 The bidder shall bear all costs associated with the preparation and submission of its bid and the Executive Engineer Provincial Highway Division Mirpurkhas will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process (SPP Rules 24 & 25).

## **B. BIDDING DOCUMENTS**

### **IB.4 Contents of Bidding Documents**

- 4.1 In addition to Invitation for Bids, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Sub-Clause IB.6.1.

- 1. Instructions to Bidders & Bidding Data
- 2. Form of Bid, Qualification Information & Schedules to Bid

Schedules to Bid comprise the following:

- (i) Schedule A: Schedule of Prices/ Bill of Quantities (BoQ).
- (ii) Schedule B: Specific Works Data
- (iii) Schedule C: Works to be Performed by Subcontractors
- (iv) Schedule D: Proposed Programme of Works
- (v) Schedule E: Method of Performing Works
- (vi) Schedule F: Integrity Pact (works costing Rs 10 million and above)

### **3. Conditions of Contract & Contract Data**

4. Standard Forms:
- (i) Form of Bid Security,
  - (ii) Form of Performance Security;
  - (iii) Form of Contract Agreement;
  - (iv) Form of Bank Guarantee for Advance Payment.
5. Specifications
6. Drawings, if any

### **IB.5 Clarification of Bidding Documents**

- 5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas at the Engineer's/ Executive Engineer Provincial Highway Division Mirpurkhas's address indicated in the Bidding Data.
- 5.2 An interested bidder, who has obtained bidding documents, may request for clarification

of contents of bidding documents in writing and Executive Engineer Provincial Highway Division Mirpurkhas shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid (SPP Rule 23-1).

#### **IB.6 Amendment of Bidding Documents (SPP Rules 22(2) & 22).**

- 6.1 At any time prior to the deadline for submission of Bids, the Executive Engineer Provincial Highway Division Mirpurkhas may, for any reason, whether at his own initiative or in response to a clarification requested by an interested bidder, modify the Bidding Documents by issuing addendum.
- 6.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 6.1 hereof, and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Executive Engineer Provincial Highway Division Mirpurkhas.
- 6.3 To afford interested bidders reasonable time in which to take an addendum into account in preparing their Bids, the Executive Engineer Provincial Highway Division Mirpurkhas may at its discretion extend the deadline for submission of Bids.

### **C. PREPARATION OF BIDS**

#### **IB.7 Language of Bid**

- 7.1 All documents relating to the Bid shall be in the language specified in the Contract Data.

#### **IB.8 Documents Comprising the Bid**

- 8.1 The Bid submitted by the bidder shall comprise the following:
  - (a) Offer /Covering Letter
  - (b) Form of Bid duly filled, signed and sealed, in accordance with IB.14.3.
  - (c) Schedules (A to F) to Bid duly filled and initialed, in accordance with the instructions contained therein & in accordance with IB.14.3.
  - (d) Bid Security furnished in accordance with IB.13.
  - (e) Power of Attorney in accordance with IB 14.5.
  - (f) Documentary evidence in accordance with IB.2(c) & IB.11
  - (g) Documentary evidence in accordance with IB.12.

#### **IB.9 Sufficiency of Bid**

- 9.1 Each bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the premium on the rates of CSR / rates and prices quoted/entered in the Schedule of Prices, which rates and prices shall except in so far as it is otherwise expressly provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper completion of the works.

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

#### **IB.10 Bid Prices, Currency of Bid and Payment**

- 10.1 The bidder shall fill up the Schedule of Prices (Schedule A to Bid) indicating the percentage above or below the Composite Schedule of Rates/unit rates and prices of the Works to be performed under the Contract. Prices in the Schedule of Prices/Bill of Quantities shall be quoted entirely in Pak Rupees keeping in view the instructions contained in the Preamble to Schedule of Prices.
- 10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the bidder shall remain fixed during the bidder's performance of the Contract and not subject to variation on any account.
- 10.3 The unit rates and prices in the Schedule of Prices or percentage above or below on the composite schedule of rates shall be quoted by the bidder in the currency as stipulated in Bidding Data.
- 10.4 Items for which no rate or price is entered by the Bidder will not be paid for by the Executive Engineer Provincial Highway Division Mirpurkhas when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

#### **IB.11 Documents Establishing Bidder's Eligibility and Qualifications**

- 11.1 Pursuant to Clause IB.8, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.
- 11.2 Bidder must possess and provide evidence of its capability and the experience as stipulated in Bidding Data and the Qualification Criteria mentioned in the Bidding Documents.

#### **IB.12 Documents Establishing Works' Conformity to Bidding Documents**

- 12.1 The documentary evidence of the Works' conformity to the Bidding Documents may be in the form of literature, drawings and data and the bidder shall furnish documentation as set out in Bidding Data.
- 12.2 The bidder shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers, if any, designated by the Executive Engineer Provincial Highway Division Mirpurkhas in the Technical Provisions are intended to be descriptive only and not restrictive.

### **IB.13 Bid Security**

- 13.1 Each bidder shall furnish, as part of his bid, at the option of the bidder, a Bid Security as percentage of bid price/estimated cost or in the amount stipulated in Bidding Data in Pak. Rupees in the form of *Deposit at Call/ Payee's Order or a Bank Guarantee* issued by a Scheduled Bank in Pakistan in favour of the Executive Engineer Provincial Highway Division Mirpurkhas valid for a period up to twenty eight (28) days beyond the bid validity date (*Bid security should not be below 1% and not exceeding 5% of bid price/estimated cost SPP Rule 37*).
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Executive Engineer Provincial Highway Division Mirpurkhas as non-responsive.
- 13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier.
- 13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security, and signed the Contract Agreement (SPP Rule 37).
- 13.5 The Bid Security may be forfeited:
  - (a) if a bidder withdraws his bid during the period of bid validity; or
  - (b) if a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) hereof; or
  - (c) in the case of a successful bidder, if he fails within the specified time limit to:
    - (i) furnish the required Performance Security or
    - (ii) sign the Contract Agreement.

### **IB.14 Validity of Bids, Format, Signing and Submission of Bid**

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of bid opening.
- 14.2 In exceptional circumstances, Executive Engineer Provincial Highway Division Mirpurkhas may request the bidders to extend the period of validity for a additional period but not exceeding 1/3 of the original period. The request and the bidders' responses shall be made in writing or by cable. A Bidder may refuse the request without forfeiting the Bid Security. A Bidder agreeing to the request will not be required or permitted to otherwise modify the Bid, but will be required to extend the validity of Bid Security for the period of the extension, and in compliance with IB.13 in all respects (SPP Rule 38).
- 14.3 All Schedules to Bid are to be properly completed and signed.
- 14.4 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.

- 14.5 Each bidder shall prepare Original and number of copies specified in the Bidding Data of the documents comprising the bid as described in IB.8 and clearly mark them —ORIGINAL and —COPY as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.6 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorising the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and official seal be affixed by the person or persons signing the bid.
- 14.7 The Bid shall be delivered in person or sent by registered mail at the address to Executive Engineer Provincial Highway Division Mirpurkhas as given in Bidding Data.

#### **D. SUBMISSION OF BID**

##### **IB.15 Deadline for Submission, Modification & Withdrawal of Bids**

- 15.1 Bids must be received by the Executive Engineer Provincial Highway Division Mirpurkhas at the address/provided in Bidding Data not later than the time and date stipulated therein.
- 15.2 The inner and outer envelopes shall
  - (a) be addressed to the Executive Engineer Provincial Highway Division Mirpurkhas at the address provided in the Bidding Data;
  - (b) bear the name and identification number of the Contract as defined in the Bidding and Contract Data; and
  - (c) provide a warning not to open before the specified time and date for Bid opening as defined in the Bidding Data.
  - (d) in addition to the identification required in 15.2, the inner envelopes shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared late.
  - (e) If the outer envelope is not sealed and marked as above, the Executive Engineer Provincial Highway Division Mirpurkhas will assume no responsibility for the misplacement or premature opening of the Bid.
- 15.3 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.4 Any bid received by the Executive Engineer Provincial Highway Division Mirpurkhas after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.

- 15.5 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Executive Engineer Provincial Highway Division Mirpurkhas prior to the deadline for submission of bids.
- 15.6 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security pursuant to IB.13.5 (a).

## E. BID OPENING AND EVALUATION

### IB.16 Bid Opening, Clarification and Evaluation (SPP Rules 41, 42 & 43)

- 16.1 The Executive Engineer Provincial Highway Division Mirpurkhas will open the bids, in the presence of bidders' representatives who choose to attend, at the time, date and in the place specified in the Bidding Data.
- 16.2 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as the Executive Engineer Provincial Highway Division Mirpurkhas at its discretion may consider appropriate, will be announced by the Executive Engineer Provincial Highway Division Mirpurkhas at the bid opening. The Executive Engineer Provincial Highway Division Mirpurkhas will record the minutes of the bid opening. Representatives of the bidders who choose to attend shall sign the attendance sheet.

Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account in the evaluation of bid.

- 16.3 To assist in the examination, evaluation and comparison of Bids the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted (SPP Rule 43).
- 16.4 (a) Prior to the detailed evaluation, pursuant to IB.16.7 to 16.9, the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these instructions, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. It will include determining the requirements listed in Bidding Data.

(b) Arithmetical errors will be rectified on the following basis:

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

the Form of Bid will be corrected by the Executive Engineer Provincial Highway Division Mirpurkhas in accordance with the Corrected Schedule of Prices. If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.

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

16.6 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (**major deviation**) may be waived by Executive Engineer Provincial Highway Division Mirpurkhas,

provided such waiver does not prejudice or affect the relative ranking of any other bidders.

**(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 Executive Engineer Provincial Highway Division Mirpurkhas 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.

16.7 The Engineer/Executive Engineer Provincial Highway Division Mirpurkhas will evaluate and compare only the bids previously determined to be substantially responsive pursuant to



**Technical Evaluation:** It will be examined in detail whether the works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be compared with technical features/criteria of the works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

#### 16.8 Evaluated Bid Price

In evaluating the bids, the Executive Engineer Provincial Highway Division Mirpurkhas will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

- (i) making any correction for arithmetic errors pursuant to IB.16.4 hereof.
- (ii) discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.
- (iii) excluding provisional sums and the provisions for contingencies in the Bill of Quantities if any, but including Day work, where priced competitively.

#### IB.17 Process to be Confidential

- 17.1 Subject to IB.16.3 heretofore, no bidder shall contact Executive Engineer Provincial Highway Division Mirpurkhas on any matter relating to its Bid from the time of the Bid opening to the time the bid evaluation result is announced by the Executive Engineer Provincial Highway Division Mirpurkhas. The evaluation result shall be announced at least seven (07) days prior to award of Contract (SPP Rule 45). The announcement to all bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated.
- 17.2 Any effort by a bidder to influence Executive Engineer Provincial Highway Division Mirpurkhas in the Bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of his Bid. Whereas any bidder feeling aggrieved, may lodge a written complaint to Complaint Redressal Committee as per terms and conditions mentioned in SPP Rules 31 & 32. However, mere fact of lodging a complaint shall not warrant suspension of procurement process.
- 17.3 Bidders may be excluded if involved in "**Corrupt and Fraudulent Practices**" means either one or any combination of the practices given below SPP Rule 2(q):
  - (i) —**Coercive Practice** means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;
  - (ii) —**Collusive Practice** means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the

knowledge of the Executive Engineer Provincial Highway Division Mirpurkhas to establish prices at artificial, noncompetitive levels for any wrongful gain;

(iii) **"Corrupt Practice"** means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;

(iv) **"Fraudulent Practice"** means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(v) **"Obstructive Practice"** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

## F. AWARD OF CONTRACT

### IB.18. Post Qualification

- 18.1 The Executive Engineer Provincial Highway Division Mirpurkhas, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in contractor's capacities, may require the contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:  
Provided, that such qualification shall only be laid down after recording reasons therefore in writing. They shall form part of the records of that bid evaluation report.
- 18.2 The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidders' qualifications submitted under B.11, as well as such other information required in the Bidding Documents.

### IB.19 Award Criteria & Executive Engineer Provincial Highway Division Mirpurkhas's Right

- 19.1 Subject to IB.19.2, the Executive Engineer Provincial Highway Division Mirpurkhas will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be qualified to satisfactory perform the Contract in accordance with the provisions of the IB.18.
- 19.2 Notwithstanding IB.19.1, the Executive Engineer Provincial Highway Division Mirpurkhas reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the Executive Engineer Provincial Highway Division Mirpurkhas's action

except that the grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, without justification of the grounds. Notice of the rejection of all the bids shall be given promptly to all the bidders (SPP Rule 25).

#### **IB.20 Notification of Award & Signing of Contract Agreement**

- 20.1 Prior to expiration of the period of bid validity prescribed by the Executive Engineer Provincial Highway Division Mirpurkhas, the Executive Engineer Provincial Highway Division Mirpurkhas will notify the successful bidder in writing (—Letter of Acceptance) that his bid has been accepted (SPP Rule 49).
- 20.2 Within seven (07) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Executive Engineer Provincial Highway Division Mirpurkhas will send the successful bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.
- 20.3 The formal Agreement between the Executive Engineer Provincial Highway Division Mirpurkhas and the successful bidder duly stamped at rate of ---% of bid price(updated from time to time) stated in Letter of Acceptance shall be executed within seven (07) days of the receipt of Form of Contract Agreement by the successful bidder from the Executive Engineer Provincial Highway Division Mirpurkhas.

#### **IB.21 Performance Security**

- 21.1 The successful bidder shall furnish to the Executive Engineer Provincial Highway Division Mirpurkhas a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of fourteen (14) days after the receipt of Letter of Acceptance (SPP 39).
  - 21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses IB.20.2 & 20.3 or 21.1 or Clause IB.22 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.
  - 21.3 Publication of Award of Contract: within seven days of the award of contract, the procuring shall publish on the website of the authority and on its own website, if such a website exists, the results of the bidding process, identifying the bid through procurement identifying Number if any and the following information:
    - (1) Evaluation Report;
    - (2) Form of Contract and letter of Award;
    - (3) Bill of Quantities or Schedule of Requirements. (SPP Rule 50)
- IB.22 Integrity Pact** The Bidder shall sign and stamp the Form of Integrity Pact provided at Schedule-F to Bid in the Bidding Document for all Sindh Government procurement contracts exceeding Rupees ten (10) million. Failure to provide such Integrity Pact shall make the bid non-responsive (SPP Rule 89).

12. (a) A detailed description of the Works essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security 20% of Estimate Cost

14.1 Period of Bid Validity 90-Days

14.4 Number of Copies of the Bid to be submitted: 02 original copy.

14.6 (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission

15.1 **Deadline for Submission of Bids**

Time: 1.00 pm on 10-05-2012.

16.1 **Venue, Time, and Date of Bid Opening**

Venue: office of Executive Engineer Provincial Highway Division Mirpurkhas

Time: 1.00 pm Date: 10-05-2012

16.4 Responsiveness of Bids

(i) Bid is valid till required period, 60-Days .

- (ii) Bid prices are firm during currency of contract/Price adjustment;
- (iii) Completion period offered is within specified limits,
- (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
- (v) Bid does not deviate from basic technical requirements and
- (vi) Bids are generally in order, etc.

\*Executive Engineer Highway Division Mirpurkhas can adopt either of two options.  
(Select either of them)

- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto 12 months.
- (b) **Price adjustment contract:** In these contracts escalation will be paid only on those items and in the manner as notified by Finance Department, Government of Sindh, after bid opening during currency of the contract.

## FORM OF BID AND SCHEDULES TO BID

8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.  
Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature \_\_\_\_\_  
in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
*(Name of Bidder in Block Capitals)*  
*(Seal)*

Address

\_\_\_\_\_  
\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

**[SCHEDULES TO BID INCLUDE THE FOLLOWING:**

- Schedule A to Bid: Schedule of Prices
- Schedule B to Bid: Specific Works Data
- Schedule C to Bid: Works to be Performed by Subcontractors
- Schedule D to Bid: Proposed Program of Works
- Schedule E to Bid: Method of Performing Works
- Schedule F to Bid: Integrity Pact]



**SCHEDULE – A TO BID  
SCHEDULE OF PRICES**

**Sr. No. Page No.**

1. Preamble to Schedule of Prices..... 24

2. Schedule of Prices..... 26

\* (a) Summary of Bid Prices

\* (b) Detailed Schedule of Prices /Bill of Quantities (BOQ)

- *[To be prepared by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas]* **SCHEDULE - A TO BID**

## PREAMBLE TO SCHEDULE OF PRICES

### 1. General

- 1.1 The Schedule of Prices shall be read in conjunction with the Conditions of Contract, Contract Data together with the Specifications and Drawings, If any.
- 1.2 The Contract shall be for the whole of the works as described in these Bidding Documents. Bids must be for the complete scope of works.

### 2. Description

- 2.1 The general directions and descriptions of works and materials are not necessarily repeated nor summarized in the Schedule of Prices. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the Schedule of Prices.

### 3. Units & Abbreviations

- 3.1 Units of measurement, symbols and abbreviations expressed in the Bidding Documents shall comply with the Systeme Internationale d' Unites (SI Units).

### 4. Rates and Prices

- 4.1 Except as otherwise expressly provided under the Conditions of Contract, the rates and amounts entered in the Schedule of Prices shall be the rates at which the Contractor shall be paid and shall be the full inclusive value of the works set forth or implied in the Contract; except for the amounts reimbursable, if any to the Contractor under the Contract.
- 4.2 Unless otherwise stipulated in the Contract Data, the premium, rates and prices entered by the bidder shall not be subject to adjustment during the performance of the Contract.
- 4.3 All duties, taxes and other levies payable by the Contractor shall be included in the rates and prices.
- 4.4 The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Schedule of Prices, and where **SCHEDULE - A TO BID**

no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works and no separate payment will be made for those items.

The rates, prices and amounts shall be entered against each item in the Schedule of Prices. Any item against which no rate or price is entered by the bidder will not be paid for by the Executive Engineer Provincial Highway Division Mirpurkhas when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.

- 4.5 (a) The bidder shall be deemed to have obtained all information as to and all requirements related thereto which may affect the bid price.  
\*(b) The Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.
- 4.6 The Contractor shall provide for all parts of the Works to be completed in every respect. Notwithstanding that any details, accessories, etc. required for the complete installation and satisfactory operation of the Works, are not specifically mentioned in the Specifications, such details shall be considered as included in the Contract Price.

## 5. Bid Prices

### 5.1 Break-up of Bid Prices

The various elements of Bid Prices shall be quoted as detailed by the Executive Engineer Provincial Highway Division Mirpurkhas in the format of Schedule of Prices. The bidder shall recognize such elements of the costs which he expects to incur the performance of the Works and shall include all such costs in the rates and amounts entered in the Schedule of Prices.

### 5.2 Total Bid Price

The total of bid prices in the Schedule of Prices shall be entered in the Summary of Bid Prices.

## 6. Provisional Sums and Day work

- 6.1 Provisional Sums included and so designated in the Schedule of Prices if any, shall be expended in whole or in part at the direction and discretion of the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas. The Contractor will only receive payment in respect of Provisional Sums, if he has been instructed by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas to utilize such sums.

- 6.2 Day work rates in the contractor's bid are to be used for small additional amounts of work and only when the Engineer have given written instructions in advance for additional work to be paid for in that way. **SCHEDULE - A TO BID**

**SCHEDULE OF PRICES – SUMMARY OF BID PRICES**

| Bill No.  | Description | Total Amount (Rs)                    |
|---|-------------|--------------------------------------|
| 1.  |             | <b>(A) Building Work</b>             |
| 2.  |             | Civil works                          |
| 3.  |             | Internal sanitary and water supply   |
| 4.  |             | Electrification                      |
| 5.  |             | External Development works           |
| 1.  |             | Miscellaneous Items                  |
| 2.  |             | <b>(B) Road Work.</b>                |
| 3.  |             | Earthwork                            |
| 4.  |             | Hard Crust and Surface Treatment     |
| 1.  |             | Culverts and Bridges                 |
| 2.  |             | Miscellaneous Items                  |
| 3.  |             | <b>(C) Public Health Engineering</b> |
| 4.  |             | <b>Works.</b>                        |
| 5.  |             | Earthwork                            |
| 6.  |             | Subsurface Drains                    |
|   |             | Pipe Laying and Man holes            |
|   |             | Tube wells, Pump houses              |
|   |             | Compound wall                        |
|   |             | Miscellaneous Items                  |
| Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid)<br>(In words). |             |                                      |

**SCHEDULE - A TO BIDSCHEDULE OF PRICES**

| Item No.   | Description                             | Quantity | Unit Rate(Rs) | Total Amount (Rs) |
|--|---|----------|---------------|-------------------|
| 1.   | I. Civil Work                           |          |               |                   |
| 2.   |   |          |               |                   |
| 3.   | II. Internal sanitary and water supply. |          |               |                   |
| 1.   |   |          |               |                   |
| 2.   |   |          |               |                   |
| 3.   | III. Electrification.                   |          |               |                   |
| 1.   |   |          |               |                   |
| 2.   | IV. External Development works.         |          |               |                   |
| 3.   |   |          |               |                   |
| 1.   |   |          |               |                   |
| 2.   | V. Miscellaneous Items                  |          |               |                   |
| 3.   |   |          |               |                   |
| 1.   |   |          |               |                   |
| 2.   |   |          |               |                   |
| 3.   |   |          |               |                   |
| <p>Total (to be carried to Summary of Bid Price)<br/> Add/ Deduct the percentage quoted above/below on the prices of items based on Composite Schedule of Rates.</p> |   |          |               |                   |

**\*SPECIFIC WORKS DATA**

**WORKS TO BE PERFORMED BY SUBCONTRACTORS\***

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

Items of Works Name and address of Statement of similar

to be Sub-Contracted Sub-Contractors works previously executed.

**Note:**

1. No change of Sub-Contractors shall be made by the bidder without prior approval of the Executive Engineer Highway Division Mirpurkhas.
2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the bidder. The Executive Engineer Provincial Highway Division Mirpurkhas. judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
3. Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.

## SCHEDULE – D TO BID

### PROPOSED PROGRAMME OF WORKS

Bidder shall provide a programme in a bar-chart or Program Evaluation and Review Technique (PERT) or Critical Path Method (CPM) showing the sequence of work items by which he proposes to complete the works of the entire Contract. The programme should indicate the sequence of work items and the period of time during which he proposes to complete the works including the activities like designing, schedule of submittal of drawings, ordering and procurement of materials, manufacturing, delivering, construction of civil works, erection, testing and commissioning of works to be supplied under the Contract



**METHOD OF PERFORMING WORKS**

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

The sequence and methods in which he proposes to carry out the Works, including the number of shifts per day and hours per shift, he expects to work.

A list of all major items of construction and plant erection, tools and vehicles proposed to be used in delivering/carrying out the works at site.

The procedure for installation of equipment and transportation of equipment and materials to the site.

Organization chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done under the Contract.

## CONDITIONS OF CONTRACT

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**CONDITIONS OF CONTRACT**  
**1. GENERAL PROVISIONS**

**1.1 Definitions**

In the Contract as defined below, the words and expressions defined shall have the following meanings assigned to them, except where the context requires otherwise:

**The Contract**

- 1.1.1 —Contract means the Contract Agreement and the other documents listed in the Contract Data.
- 1.1.2 —Specifications means the document as listed in the Contract Data, including Executive Engineer Provincial Highway Division Mirpurkhas requirements in respect of design to be carried out by the Contractor (if any), and any Variation to such document.
- 1.1.3 —Drawings means the Executive Engineer Provincial Highway Division Mirpurkhas drawings of the Works as listed in the Contract Data, and any Variation to such drawings.

**Persons**

- 1.1.4 —Executive Engineer Provincial Highway Division Mirpurkhas means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Contractor) any assignee.
- 1.1.5 —Contractor means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Executive Engineer Provincial Highway Division Mirpurkhas) any assignee.
- 1.1.6 —Party means either the Executive Engineer Provincial Highway Division Mirpurkhas or the Contractor.

**Dates, Times and Periods**

- 1.1.7 —Commencement Date means the date fourteen (14) days after the date the Contract comes into effect or any other date named in the Contract Data.
- 1.1.8 —Day means a calendar day
- 1.1.9 —Time for Completion means the time for completing the Works as stated in the Contract Data (or as extended under Sub-Clause 7.3), calculated from the Commencement Date.

**Money and Payments**

- 1.1.10 —Cost means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but

does not include any allowance for profit.

#### **Other Definitions**

- 1.1.11 —Contractor's Equipment means all machinery, apparatus and other things required for the execution of the Works but does not include Materials or Plant intended to form part of the Works.
- 1.1.12 —Country means the Islamic Republic of Pakistan.
- 1.1.13 —Executive Engineer Provincial Highway Division Mirpurkhas Risks means those matters listed in Sub-Clause 6.1.
- 1.1.14 —Force Majeure means an event or circumstance which makes performance of a Party's obligations illegal or impracticable and which is beyond that Party's reasonable control.
- 1.1.15 —Materials means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 —Plant means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 —Site means the places provided by the Executive Engineer Provincial Highway Division Mirpurkhas where the Works are to be executed, and any other places specified in the Contract as forming part of the Site.
- 1.1.18 —Variation means a change which is instructed by the Engineer/ Executive Engineer Provincial Highway Division Mirpurkhas under Sub-Clause 10.1.
- 1.1.19 —Works means any or all the works whether Supply, Installation, Construction etc. and design (if any) to be performed by the Contractor including temporary works and any variation thereof.
- 1.1.20 —Engineer means the person notified by the Executive Engineer Provincial Highway Division Mirpurkhas to act as Engineer for the purpose of the Contract and named as such in Contract Data.

#### **1.2 Interpretation**

Words importing persons or parties shall include firms and organizations. Words importing singular or one gender shall include plural or the other gender where the context requires.

#### **1.3 Priority of Documents**

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, the priority of the documents shall be in accordance with the order as listed in the Contract Data

#### 1.4 Law

The law of the Contract is the relevant Law of Islamic Republic of Pakistan.

#### 1.5 Communications

All Communications related to the Contract shall be in English language.

#### 1.6 Statutory Obligations

The Contractor shall comply with the Laws of Islamic Republic of Pakistan and shall give all notices and pay all fees and other charges in respect of the Works.

### 2. THE EXECUTIVE ENGINEER PROVINCIAL HIGHWAY DIVISION MIRPURKHAS

#### 2.1 Provision of Site

The Executive Engineer Provincial Highway Division Mirpurkhas shall provide the Site and right of access thereto at the times stated in the Contract Data.

**Site Investigation Reports** are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

#### 2.2 Permits etc.

The Executive Engineer Provincial Highway Division Mirpurkhas shall, if requested by the Contractor, assist him in applying for permits, licences or approvals which are required for the Works.

#### 2.3 Engineer's/Executive Engineer Provincial Highway Division Mirpurkhas Instructions

The Contractor shall comply with all instructions given by the Executive Engineer Provincial Highway Division Mirpurkhas or the Engineer, if notified by the Executive Engineer Provincial Highway Division Mirpurkhas, in respect of the Works including the suspension of all or part of the works.

#### 2.4 Approvals

No approval or consent or absence of comment by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas shall affect the Contractor's obligations.

### 3. EXECUTIVE ENGINEER PROVINCIAL HIGHWAY DIVISION MIRPURKHAS'S REPRESENTATIVES

#### 3.1 Authorised Person

The Executive Engineer Provincial Highway Division Mirpurkhas shall appoint a duly authorized person to act for him and on his behalf for the purposes of this Contract. Such authorized person shall be duly identified in the Contract Data or otherwise notified in writing to the Contractor as soon as he is so appointed. In either case the Executive Engineer Provincial Highway Division Mirpurkhas shall notify the Contractor, in writing, the precise scope of the authority of such authorized person at the time of his appointment.

### **3.2 Engineer's/Executive Engineer Provincial Highway Division Mirpurkhas's Representative**

The name and address of Engineer's/Executive Engineer Provincial Highway Division Mirpurkhas's Representative is given in Contract Data. However the Contractor shall be notified by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas, the delegated duties and authority before the Commencement of works.

## **4. THE CONTRACTOR**

### **4.1 General Obligations**

The Contractor shall carry out the works properly and in accordance with the Contract. The Contractor shall provide all supervision, labour, Materials, Plant and Contractor's Equipment which may be required

### **4.2 Contractor's Representative**

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Executive Engineer Provincial Highway Division Mirpurkhas for such appointment which consent shall not be withheld without plausible reason(s) by the Executive Engineer Provincial Highway Division Mirpurkhas. Such authorized representative may be substituted/ replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Executive Engineer Provincial Highway Division Mirpurkhas as aforesaid.

### **4.3 Subcontracting**

The Contractor shall not subcontract the whole of the works. The Contractor shall not subcontract any part of the works without the consent of the Executive Engineer Provincial Highway Division Mirpurkhas.

### **4.4 Performance Security**

The Contractor shall furnish to the Executive Engineer Provincial Highway Division Mirpurkhas within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Payee's order /Bank Draft or Bank Guarantee from scheduled bank for the amount and validity specified in Contract Data.

## **5. DESIGN BY CONTRACTOR**

### **5.1 Contractor's Design**

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas all designs prepared by him, within fourteen (14) days of receipt the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas

shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons.

The Contractor shall not construct any element of the works designed by him within fourteen (14) days after the design has been submitted to the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas or which has been rejected. Design that has been rejected shall be promptly amended and resubmitted. The Contractor shall resubmit all designs commented on taking these comments into account as necessary.

## 5.2 Responsibility for Design

The Contractor shall remain responsible for his bided design and the design under this Clause, both of which shall be fit for the intended purposes defined in the Contract and he shall also remain responsible for any infringement of any patent or copyright in respect of the same. The Engineer/Executive Engineer Provincial Highway Division Mirpurkhas shall be responsible for the Specifications and Drawings.

## 6. EXECUTIVE ENGINEER PROVINCIAL HIGHWAY DIVISION MIRPURKHAS'S RISKS

### 6.1 The Executive Engineer Provincial Highway Division Mirpurkhas's Risks

The Executive Engineer Provincial Highway Division Mirpurkhas's Risks are:-

- a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) ionising radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
- f) use or occupation by the Executive Engineer Provincial Highway Division Mirpurkhas of any part of the Works, except as may be specified in the Contract;
- g) late handing over of sites, anomalies in drawings, late delivery of designs and drawings of any part of the Works by the Executive Engineer Provincial Highway Division Mirpurkhas's personnel or by others for whom the Executive Engineer Provincial Highway Division Mirpurkhas is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure;&



### 3.2 Engineer's/Executive Engineer Provincial Highway Division Mirpurkhas Representative

The name and address of Engineer's/Executive Engineer Provincial Highway Division Mirpurkhas Representative is given in Contract Data. However the Contractor shall be notified by the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas, the delegated duties and authority before the Commencement of works.

## 4. THE CONTRACTOR

### 4.1 General Obligations

The Contractor shall carry out the works properly and in accordance with the Contract. The Contractor shall provide all supervision, labour, Materials, Plant and Contractor's Equipment which may be required

### 4.2 Contractor's Representative

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Executive Engineer Provincial Highway Division Mirpurkhas for such appointment which consent shall not be withheld without plausible reason(s) by the Executive Engineer Provincial Highway Division Mirpurkhas. Such authorized representative may be substituted/ replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Executive Engineer Provincial Highway Division Mirpurkhas as aforesaid.

### 4.3 Subcontracting

The Contractor shall not subcontract the whole of the works. The Contractor shall not subcontract any part of the works without the consent of the Executive Engineer Provincial Highway Division Mirpurkhas.

### 4.4 Performance Security

The Contractor shall furnish to the Executive Engineer Provincial Highway Division Mirpurkhas within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Payee's order /Bank Draft or Bank Guarantee from scheduled bank for the amount and validity specified in Contract Data.

## 5. DESIGN BY CONTRACTOR

### 5.1 Contractor's Design

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas all designs prepared by him, within fourteen (14) days of receipt the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons. The

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The Contractor shall not construct any element of the works designed by him within fourteen (14) days after the design has been submitted to the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas or which has been rejected. Design that has been rejected shall be promptly amended and resubmitted. The Contractor shall resubmit all designs commented on taking these comments into account as necessary.

## 5.2 Responsibility for Design

The Contractor shall remain responsible for his bided design and the design under this Clause, both of which shall be fit for the intended purposes defined in the Contract and he shall also remain responsible for any infringement of any patent or copyright in respect of the same. The Engineer/Executive Engineer Provincial Highway Division Mirpurkhas shall be responsible for the Specifications and Drawings.

## 6. EXECUTIVE ENGINEER Provincial Highway Division MIRPURKHAS'S RISKS

### 6.1 The Executive Engineer Provincial Highway Division Mirpurkhas's Risks

The Executive Engineer Provincial Highway Division Mirpurkhas's Risks are:-

- a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) ionising radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
- f) use or occupation by the Executive Engineer Provincial Highway Division Mirpurkhas of any part of the Works, except as may be specified in the Contract;
- g) late handing over of sites, anomalies in drawings, late delivery of designs and drawings of any part of the Works by the Executive Engineer Provincial Highway Division Mirpurkhas's personnel or by others for whom the Executive Engineer Provincial Highway Division Mirpurkhas is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure;&

i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Executive Engineer Provincial Highway Division Mirpurkhas and accepted by the Executive Engineer Provincial Highway Division Mirpurkhas.

## 7. TIME FOR COMPLETION

### 7.1 Execution of the Works

The Contractor shall commence the Works on the Commencement Date and shall proceed expeditiously and without delay and shall complete the Works, subject to Sub-Clause 7.3 below, within the Time for Completion.

### 7.2 Programme

Within the time stated in the Contract Data, the Contractor shall submit to the Executive Engineer Provincial Highway Division Mirpurkhas a programme for the Works in the form stated in the Contract Data.

### 7.3 Extension of Time

The Contractor shall, within such time as may be reasonable under the circumstances, notify the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer of any event(s) falling within the scope of Sub-Clause 6.1 or 10.3 of these Conditions of Contract and request the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer for a reasonable extension in the time for the completion of works. Subject to the aforesaid, the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer shall determine such reasonable extension in the time for the completion of works as may be justified in the light of the details/particulars supplied by the Contractor in connection with the such determination by the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer within such period as may be prescribed by the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer for the same; and the Executive Engineer Provincial Highway Division Mirpurkhas may extend the time for completion as determined.

### 7.4 Late Completion

If the Contractor fails to complete the Works within the Time for Completion, the Contractor's only liability to the Executive Engineer Provincial Highway Division Mirpurkhas for such failure shall be to pay the amount as **liquidity damages** stated in the Contract Data for each day for which he fails to complete the Works.

## 8. TAKING-OVER

### 8.1 Completion

The Contractor may notify the Executive Engineer Provincial Highway Division Mirpurkhas when he considers that the Works are complete.

## 8.2 Taking-Over Notice

Within fourteen (14) days of the receipt of the said notice of completion from the Contractor the Executive Engineer Provincial Highway Division Mirpurkhas shall either takeover the completed works and issue a Certificate of Completion to that effect or shall notify the Contractor his reasons for not taking-over the works. While issuing the Certificate of Completion as aforesaid, the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer may identify any outstanding items of work which the Contractor shall undertake during the Maintenance Period.

## 9. REMEDYING DEFECTS

### 9.1 Remedying Defects

The Contractor shall for a period stated in the Contract Data from the date of issue of the Certificate of Completion carry out, at no cost to the Executive Engineer Provincial Highway Division Mirpurkhas, repair and rectification work which is necessitated by the earlier execution of poor quality of work or use of below specifications material in the execution of Works and which is so identified by the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer in writing within the said period. Upon expiry of the said period, and subject to the Contractor's faithfully performing his aforesaid obligations, the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer shall issue a Maintenance Certificate whereupon all obligations of the Contractor under this Contract shall come to an end.

Failure to remedy any such defects or complete outstanding work within a reasonable time shall entitle the Executive Engineer Provincial Highway Division Mirpurkhas to carry out all necessary works at the Contractor's cost. However, the cost of remedying defects not attributable to the Contractor shall be valued as a Variation.

### 9.2 Uncovering and Testing

The Executive Engineer Provincial Highway Division Mirpurkhas may give instruction as to the uncovering and/or testing of any work. Unless as a result of an uncovering and/or testing it is established that the Contractor's design, materials, plant or workmanship are not in accordance with the Contract, the Contractor shall be paid for such uncovering and/or testing as a Variation in accordance with Sub-Clause 10.2.

## 10. VARIATIONS AND CLAIMS

### 10.1 Right to Vary

The Executive Engineer Provincial Highway Division Mirpurkhas/Engineer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer in writing and if the same are not refuted/denied by the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer within ten (10) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.

## 10.2 Valuation of Variations

Variations shall be valued as follows:

- a) at a lump sum price agreed between the Parties, or
- b) where appropriate, at rates in the Contract, or
- c) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- d) at appropriate new rates, as may be agreed or which the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas considers appropriate, or
- e) if the Executive Engineer Provincial Highway Division Mirpurkhas so instructs, at day work rates set out in the Contract Data for which the Contractor shall keep records of hours of labour and Contractor's Equipment, and of Materials, used.

## 10.3 Changes in the Quantities.

- a) If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer shall adjust the rate to allow for the change and will be valued as per sub clause 10.2.
- b) The Engineer shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Executive Engineer Provincial Highway Division Mirpurkhas.
- c) If requested by the Engineer, the contractor shall provide the Engineer with a detailed cost breakdown of any rate in the Bill of Quantities.

## 10.4 Early Warning

The Contractor shall notify the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas being unable to keep all relevant records or not taking steps to minimise any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Time for Completion or additional payment shall be reduced/rejected.

## 10.5 Valuation of Claims

If the Contractor incurs Cost as a result of any of the Executive Engineer Provincial Highway Division Mirpurkhas Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any

## 10.2 Valuation of Variations

Variations shall be valued as follows:

- a) at a lump sum price agreed between the Parties, or
- b) where appropriate, at rates in the Contract, or
- c) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- d) at appropriate new rates, as may be agreed or which the Engineer/Executive Engineer Highway Division Mirpurkhas considers appropriate, or
- e) if the Engineer/Executive Engineer Highway Division Mirpurkhas so instructs, at day work rates set out in the Contract Data for which the Contractor shall keep records of hours of labour and Contractor's Equipment, and of Materials, used.

## 10.3 Changes in the Quantities.

- a) If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Executive Engineer Highway Division Mirpurkhas/Engineer shall adjust the rate to allow for the change and will be valued as per sub clause 10.2.
- b) The Engineer shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Executive Engineer Highway Division Mirpurkhas.
- c) If requested by the Engineer, the contractor shall provide the Engineer with a detailed cost breakdown of any rate in the Bill of Quantities.

## 10.4 Early Warning

The Contractor shall notify the Engineer/Executive Engineer Highway Division Mirpurkhas in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Engineer/Executive Engineer Highway Division Mirpurkhas being unable to keep all relevant records or not taking steps to minimise any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Time for Completion or additional payment shall be reduced/rejected.

## 10.5 Valuation of Claims

If the Contractor incurs Cost as a result of any of the Executive Engineer Highway Division Mirpurkhas Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any

Executive Engineer Provincial Highway Division Mirpurkhas Risk, it is necessary to change the Works, this shall be dealt with as a Variation subject to Contractor's notification for intention of claim to the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas within fourteen (14) days of the occurrence of cause.

#### 10.6 Variation and Claim Procedure

The Contractor shall submit to the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas an itemised detailed breakdown of the value of variations and claims within twenty eight (28) days of the instruction or of the event giving rise to the claim. The Engineer/Executive Engineer Provincial Highway Division Mirpurkhas shall check and if possible agree the value. In the absence of agreement, the Executive Engineer Provincial Highway Division Mirpurkhas shall determine the value.

### 11. CONTRACT PRICE AND PAYMENT

#### 11.1 (a) Terms of Payments

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, or to any other terms of the Contract, shall, subject to Clause 11.3, be paid by the Executive Engineer Provincial Highway Division Mirpurkhas to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Executive Engineer Provincial Highway Division Mirpurkhas and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 11.5, within 60 days after such Final Payment Certificate has been jointly verified by Executive Engineer Provincial Highway Division Mirpurkhas and Contractor;

Provided that the Interim Payment shall be caused in thirty (30) days and Final Payment in 60 days in case of foreign funded project. In the event of the failure of the Executive Engineer Provincial Highway Division Mirpurkhas to make payment within 90 days then Executive Engineer Provincial Highway Division Mirpurkhas shall pay to the Contractor compensation at the 28 days rate of KIBOR+2% per annum in local currency and LIBOR+1% for foreign currency, upon all sums unpaid from the date by which the same should have been paid.

#### (b) Valuation of the Works

The Works shall be valued as provided for in the Contract Data, subject to Clause 10.

#### 11.2 Monthly Statements

The Contractor shall be entitled to be paid at monthly intervals:

- a) the value of the Works executed less to the cumulative amount paid previously; and
- b) value of secured advance on the materials and valuation of variations (if any).

The Contractor shall submit each month to the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas a statement showing the amounts to which he considers himself entitled

### 11.3 Interim Payments

Within a period not exceeding seven (07) days from the date of submission of a statement for interim payment by the Contractor, the Engineer shall verify the same and within a period not exceeding thirty (30/60) days from the said date of submission by the Contractor, the Executive Engineer Provincial Highway Division Mirpurkhas shall pay to the Contractor the sum subject to adjustment for deduction of the advance payments and retention money.

### 11.4 Retention

Retention money shall be paid by the Executive Engineer Provincial Highway Division Mirpurkhas to the Contractor within fourteen (14) days after either the expiry of the period stated in the Contract Data, or the remedying of notified defects, or the completion of outstanding work, all as referred to in Sub-Clause 9.1, whichever is the later.

### 11.5 Final Payment

Within twenty one (21) days from the date of issuance of the Maintenance Certificate the Contractor shall submit a final account to the Engineer to verify and the Engineer shall verify the same within fourteen (14) days from the date of submission and forward the same to the Executive Engineer Provincial Highway Division Mirpurkhas together with any documentation reasonably required to enable the Executive Engineer Provincial Highway Division Mirpurkhas to ascertain the final contract value.

Within sixty (60) days from the date of receipt of the verified final account from the Engineer, the Executive Engineer Provincial Highway Division Mirpurkhas shall pay to the Contractor any amount due to the Contractor. While making such payment the Executive Engineer Provincial Highway Division Mirpurkhas may, for reasons to be given to the Contractor in writing, withhold any part or parts of the verified amount.

### 11.6 Currency

Payment shall be in the currency stated in the Contract Data.

## 12. DEFAULT

### 12.1 Defaults by Contractor

If the Contractor abandons the Works, refuses or fails to comply with a valid instruction of the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas or fails to proceed expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Executive Engineer Provincial Highway Division Mirpurkhas may give notice referring to this Sub-Clause and stating the default.

If the Contractor has not taken all practicable steps to remedy the default within fourteen (14) days after receipt of the Executive Engineer Provincial Highway Division Mirpurkhas's notice, the Executive Engineer Provincial Highway Division Mirpurkhas may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site leaving behind any Contractor's Equipment which the Executive Engineer Provincial Highway Division Mirpurkhas instructs, in the second notice, to be used for the completion of the Works at the risk and cost of the Contractor.



## 12.2 Defaults by Executive Engineer Provincial Highway Division Mirpurkhas

If the Executive Engineer Provincial Highway Division Mirpurkhas fails to pay in accordance with the Contract, or is, despite a written complaint, in breach of the Contract, the Contractor may give notice referring to this Sub-Clause and stating the default. If the default is not remedied within fourteen (14) days after the Executive Engineer Provincial Highway Division Mirpurkhas's receipt of this notice, the Contractor may suspend the execution of all or parts of the Works.

If the default is not remedied within twenty eight (28) days after the Executive Engineer Provincial Highway Division Mirpurkhas's receipt of the Contractor's notice, the Contractor may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilise from the Site.

## 12.3 Insolvency

If a Party is declared insolvent under any applicable law, the other Party may by notice terminate the Contract immediately. The Contractor shall then demobilise from the site leaving behind, in the case of the Contractor's insolvency, any Contractor's Equipment which the Executive Engineer Provincial Highway Division Mirpurkhas instructs in the notice is to be used for the completion of the Works.

## 12.4 Payment upon Termination

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the works executed and of the Materials and Plant reasonably delivered to the site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) any sums to which the Executive Engineer Provincial Highway Division Mirpurkhas is entitled,
- c) if the Executive Engineer Provincial Highway Division Mirpurkhas has terminated under Sub-Clause 12.1 or 12.3, the Executive Engineer Provincial Highway Division Mirpurkhas shall be entitled to a sum equivalent to twenty percent (20%) of the value of parts of the Works not executed at the date of the termination, and
- d) if the Contractor has terminated under Sub-Clause 12.2 or 12.3, the Contractor shall be entitled to the cost of his demobilisation together with a sum equivalent to ten percent (10%) of the value of parts of the works not executed at the date of termination. The net balance due shall be paid or repaid within twenty eight (28) days of the notice of termination.

## 13. RISKS AND RESPONSIBILITIES

### 13.1 Contractor's Care of the Works

Subject to Sub-Clause 9.1, the Contractor shall take full responsibility for the care

of the Works from the Commencement Date until the date of the Executive Engineer Provincial Highway Division Mirpurkhas/Engineer's issuance of Certificate of Completion under Sub-Clause 8.2. Responsibility shall then pass to the Executive Engineer Provincial Highway Division Mirpurkhas. If any loss or damage happens to the Works during the above period, the Contractor shall rectify such loss or damage so that the Works conform with the Contract.

Unless the loss or damage happens as a result of any of the Executive Engineer Provincial Highway Division Mirpurkhas Risks, the Contractor shall indemnify the Executive Engineer Provincial Highway Division Mirpurkhas, or his agents against all claims loss, damage and expense arising out of the Works.

### **\*13.2 Force Majeure**

If Force Majeure occurs, the Contractor shall notify the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas immediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Executive Engineer Provincial Highway Division Mirpurkhas demobilize the Contractor's Equipment.

If the event continues for a period of eighty four (84) days, either Party may then give notice of termination which shall take effect twenty eight (28) days after the giving of the notice.

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the Materials and Plant reasonably delivered to the Site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) the cost of his demobilization, and
- c) less any sums to which the Executive Engineer Provincial Highway Division Mirpurkhas is entitled.

The net balance due shall be paid or repaid within thirty five (35) days of the notice of termination.

## **14. INSURANCE**

### **14.1 Arrangements**

The Contractor shall, prior to commencing the Works, effect insurances of the types, in the amounts and naming as insured the persons stipulated in the Contract Data except for items (a) to (e) and (i) of the Executive Engineer Provincial Highway Division Mirpurkhas Risks under Sub-Clause 6.1. The policies shall be issued by insurers and in terms approved by the Executive Engineer Provincial Highway Division Mirpurkhas. The Contractor shall provide the Engineer/Executive Engineer Provincial Highway Division Mirpurkhas with evidence that any required policy is in force and that the premiums have been paid.

### **14.2 Default**

If the Contractor fails to effect or keep in force any of the insurances referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Executive Engineer Provincial Highway Division Mirpurkhas may, without prejudice to any other right or

remedy, effect insurance for the cover relevant to such as a default and pay the premiums due and recover the same plus a sum in percentage given in Contractor Data from any other amounts due to the Contractor.

## **15. RESOLUTION OF DISPUTES**

### **15.1 Engineer's Decision**

If a dispute of any kind whatsoever arises between the Executive Engineer P. Highway Division Mirpurkhas and the Contractor in connection with the works, the matter in dispute shall, in the first place, be referred in writing to the Engineer, with a copy to the other party. Such reference shall state that it is made pursuant to this Clause. No later than the twenty eight (28) days after the day on which he received such reference, the Engineer shall give notice of his decision to the Executive Engineer P. Highway Division Mirpurkhas(Superintending Engineer) and the Contractor. Unless the Contract has already been repudiated or terminated, the Contractor shall, in every case, continue to proceed with the work with all due diligence, and the Contractor and the Executive Engineer P. Highway Division Mirpurkhas (Superintending Engineer) shall give effect forthwith to every such decision of the Engineer unless and until the same shall be revised, as hereinafter provided in an arbitral award.

### **15.2 Notice of Dissatisfaction**

If a Party is dissatisfied with the decision of the Engineer of consultant or if no decision is given within the time set out in Sub-Clause 15.1 here above, the Party may give notice of dissatisfaction referring to this Sub-Clause within fourteen (14) days of receipt of the decision or the expiry of the time for the decision. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties. If notice of dissatisfaction is given within the specified time, the decision shall be binding on the Parties who shall give effect to it without delay unless and until the decision of the Engineer is revised by an arbitrator.

If a contractor is dissatisfied with the decision of the Engineer of the department or decision is not given in time then he can approach Superintending Engineer within 14 days, in case of dissatisfaction with decision of Superintending Engineer or not decided within 28 days, then arbitration process would be adopted as per clause 15.3.

### **15.3 Arbitration**

A dispute which has been the subject of a notice of dissatisfaction shall be finally settled as per provisions of Arbitration Act 1940 (Act No. X of 1940) and Rules made there under and any statutory modifications thereto. Any hearing shall be held at the place specified in the Contract Data and in the language referred to in Sub-Clause 1.5.

## 16 INTEGRITY PACT

16.1 If the Contractor or any of his Sub-Contractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Schedule-F to his Bid, then the Executive Engineer Provincial Highway Division Mirpurkhas shall be entitled to:

(a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Contractor or any of his Sub-Contractors, agents or servants;

(b) terminate the Contract; and

(c) recover from the Contractor any loss or damage to the Executive Engineer Provincial Highway Division Mirpurkhas as a result of such termination or of any other corrupt business practices of the Contractor or any of his Sub-Contractors, agents or servants.

On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Contractor shall demobilize from the site leaving behind Contractor's Equipment which the Executive Engineer Provincial Highway Division Mirpurkhas instructs, in the termination notice, to be used for the completion of the works at the risk and cost of the Contractor. Payment upon such termination shall be made under Sub-Clause 12.4, in accordance with Sub-Para (c) thereof, after having deducted the amounts due to the Executive Engineer Provincial Highway Division Mirpurkhas under Sub-Para (a) and (c) of this Sub-Clause.

2.1 Provision of Site: On the Commencement Date

3.1 Authorized person: \_\_\_\_\_

3.2 Name and address of Executive Engineer \_\_\_\_\_ Highway Division Mirpurkhas  
representative Office of Executive Engineer, Education Works Division, Mirpurkhas

4.4 Performance Security:

Amount \_\_\_\_\_

Validity \_\_\_\_\_

(Form: As provided under Standard Forms of these Documents)

5.1 Requirements for Contractor's design (if any):

Specification Clause No's \_\_\_\_\_

7.2 Programme:

Time for submission: Within fourteen (14) days\* of the Commencement Date.

Form of programme: \_\_\_\_\_ (Bar Chart/CPM/PERT or other)

7.4 Amount payable due to failure to complete shall be \_\_\_% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance (Usually the liquidated damages are set between 0.05 percent and 0.10 percent per day.)

7.5 Early Completion

In case of earlier completion of the Work, the Contractor is entitled to be paid bonus up-to limit and at a rate equivalent to 50% of the relevant limit and rate of liquidated damages stated in the contract data.

9.1 Period for remedying defects: 12 Months

10.2 (e) Variation procedures:

Day work rates \_\_\_\_\_

\_\_\_\_\_ (details)

11.1 Terms of Payments

a) Mobilization Advance

(1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Executive Engineer Provincial Highway Division Mirpurkhas to the Contractor on the works costing Rs.2.5 million or above on following conditions:

2.1 Provision of Site: On the Commencement Date

3.1 Authorized person: \_\_\_\_\_

3.2 Name and address of Executive Engineer \_\_\_\_\_ Highway Division Mirpurkhas representative

4.4 Performance Security:

Amount \_\_\_\_\_

Validity \_\_\_\_\_

5.1 Requirements for Contractor's design (if any):

Specification Clause No's \_\_\_\_\_

7.2 Programme:

Time for submission: Within fourteen (14) days\* of the Commencement Date.

Form of programme: \_\_\_\_\_ (Bar Chart/CPM/PERT or other)

7.4 Amount payable due to failure to complete shall be \_\_\_% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance  
(Usually the liquidated damages are set between 0.05 percent and 0.10 percent per day.)

7.5 Early Completion

In case of earlier completion of the Work, the Contractor is entitled to be paid bonus up-to limit and at a rate equivalent to 50% of the relevant limit and rate of liquidated damages stated in the contract data.

9.1 Period for remedying defects

\_\_\_\_\_  
\_\_\_\_\_

10.2 (e) Variation procedures:

Day work rates \_\_\_\_\_  
\_\_\_\_\_ (details)

11.1 Terms of Payments

a) Mobilization Advance

(1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Executive Engineer \_\_\_\_\_ Highway Division Mirpurkhas to the Contractor on the works costing Rs.2.5 million or above on following conditions:

(i) on submission by the Contractor of a Mobilization Advance Guarantee for the full amount of the Advance in the specified form from a Scheduled Bank in Pakistan to the Executive Engineer Provincial Highway Division Mirpurkhas;

(ii) Contractor will pay interest on the mobilization advance at the rate of 10% per annum on the advance; and

(iii) This Advance including the interest shall be recovered in 5 equal installments from the five (05) R.A bills and in case the number of bills is less than five (05) then 1/5<sup>th</sup> of the advance inclusive of the interest thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

OR

## 2) Secured Advance on Materials

(a) The Contractor shall be entitled to receive from the Executive Engineer Provincial Highway Division Mirpurkhas Secured Advance against an INDENTURE BOND in P W Account Form No. 31(Fin. R. Form No. 2 acceptable to the Executive Engineer Provincial Highway Division Mirpurkhas of such sum as the Engineer may consider proper in respect of non-perishable materials brought at the Site but not yet incorporated in the Permanent Works provided that:

(i) The materials are in accordance with the Specifications for the Permanent Works;

(ii) Such materials have been delivered to the Site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer but at the risk and cost of the Contractor;

(iii) The Contractor's records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer;

(iv) The Contractor shall submit with his monthly statement the estimated value of the materials on Site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership and payment therefore;

(v) Ownership of such materials shall be deemed to vest in the Executive Engineer Provincial Highway Division Mirpurkhas and these materials shall not be removed from the Site or otherwise disposed of without written permission of the Executive Engineer Provincial Highway Division Mirpurkhas;

(vi) The sum payable for such materials on Site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of stands other materials:

(vii) Secured Advance should not be allowed unless & until the previous advance, if any, fully recovered;

(viii) Detailed account of advances must be kept in part II of running account bill; and

(ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract

(b) Recovery of Secured Advance:

(i) Secured Advance paid to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized); other conditions.

(ii) As recoveries are made the outstanding accounts of the items concerned in Part II should be reduced by making deduction entries in the column; —deduct quantity utilized in work measured since previous bill, equivalent to the quantities of materials used by the contractor on items of work shown as executed in part I of the bill.

(c) Interim payments: The Contractor shall submit to the Engineer monthly statements of the estimated value of the work completed less the cumulative amount certified previously.

(i) The value of work completed comprises the value of the quantities of the items in the Bill of Quantities completed.

(ii) Value of secured advance on the materials and valuation of variations (if any).

(iii) Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

(v) Retention money and other advances are to be recovered from the bill submitted by contractor.

**11.2 \*(a) Valuation of the Works:**

i) Lump sum price \_\_\_\_\_ (details), or

ii) Lump sum price with schedules of rates \_\_\_\_\_ (details), or

iii) Lump sum price with bill of quantities \_\_\_\_\_ (details), or

iv) Re-measurement with estimated/bid quantities in the Schedule of Prices or on premium above or below quoted on the rates mentioned in CSR \_\_\_\_\_ (details), or/and

v) Cost reimbursable \_\_\_\_\_ (details)



11.3 Percentage of retention\*: five (5%)

11.6 Currency of payment: Pak. Rupees

14.1 Insurances: (Executive Engineer F. Highway Division Mirpurkhas may decide, keeping in view the nature and the scope of the work)

Type of cover

The Works

Amount of cover

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

Type of cover

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover

Third Party-injury to persons and damage to property

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(The minimum amount of third party insurance should be assessed by the Executive Engineer Provincial Highway Division Mirpurkhas and entered).

Workers: 1.000 (M)

Other cover\*:

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(In each case name of insured is Contractor and Executive Engineer Provincial Highway Division Mirpurkhas)

14.2 Amount to be recovered

Premium plus \_\_\_\_\_ percent (10%).

15.3 Arbitration\*\*

Place of Arbitration: *Mirpurkhas*

\* (Executive Engineer Provincial Highway Division Mirpurkhas to specify as appropriate)

\*\* (It has to be in the Province of Sindh)

## STANDARD FORMS

*(Note: Standard Forms provided in this document for securities are to be issued by a bank. In case the bidder chooses to issue a bond for accompanying his bid or performance of contract or receipt of advance, the relevant format shall be tailored accordingly without changing the spirit of the Forms of securities)*

**FORM OF BID SECURITY**  
(Bank Guarantee)

Guarantee No. \_\_\_\_\_

Executed on \_\_\_\_\_  
(Letter by the Guarantor to the Executive Engineer Provincial Highway Division Mirpurkhas)  
Name of Guarantor (Scheduled Bank in Pakistan) with  
address: \_\_\_\_\_

Name of Principal (Bidder) with  
address: \_\_\_\_\_

Sum of Security (express in words and  
figures): \_\_\_\_\_

Bid Reference No. \_\_\_\_\_ Date of Bid \_\_\_\_\_

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

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid numbered and dated as above for \_\_\_\_\_ (Particulars of Bid) to the said Executive Engineer Provincial Highway Division Mirpurkhas; and

WHEREAS, the Executive Engineer Provincial Highway Division Mirpurkhas has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Executive Engineer Provincial Highway Division Mirpurkhas, conditioned as under:

(1) that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;

(2) that in the event of;

(a) the Principal withdraws his Bid during the period of validity of Bid, or

(b) the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause

16.4 (b) of Instructions to Bidders, or

(c) failure of the successful bidder to

(i) furnish the required Performance Security, in accordance with Sub-Clause IB-21.1 of Instructions to Bidders, or

(ii) sign the proposed Contract Agreement, in accordance with Sub-Clauses IB-20.2 & 20.3 of Instructions to Bidders,

the entire sum be paid immediately to the said Executive Engineer P. O. Mirpurkhas Highway Division Mirpurkhas for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Executive Engineer P. O. Mirpurkhas Highway Division Mirpurkhas accordance with his Bid as accepted and furnish within fourteen (14) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Executive Engineer P. O. Mirpurkhas Highway Division Mirpurkhas for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

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

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

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

Guarantor (Bank)

Witness: 1. Signature

1. Name \_\_\_\_\_

3. Title \_\_\_\_\_  
Corporate Secretary (Seal)

2. \_\_\_\_\_  
(Name, Title & Address) Corporate Guarantor (Seal)

**FORM OF PERFORMANCE SECURITY**  
**(Bank Guarantee)**

Guarantee No. \_\_\_\_\_

Executed on \_\_\_\_\_

Expiry Date \_\_\_\_\_

(Letter by the Guarantor to the Executive Engineer Provincial Highway Division Mirpurkhas)  
Name of Guarantor (Scheduled Bank in Pakistan) with  
address: \_\_\_\_\_

Name of Principal (Contractor) with  
address: \_\_\_\_\_

Penal Sum of Security (express in words and  
figures) \_\_\_\_\_

Letter of Acceptance No. \_\_\_\_\_ Dated \_\_\_\_\_

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

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the

Executive Engineer Provincial Highway Division Mirpurkhas above said Letter of Acceptance for \_\_\_\_\_ (Name of Contract) for the \_\_\_\_\_ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Executive Engineer Provincial Highway Division Mirpurkhas, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of the said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 9, Remedying Defects, of Conditions of Contract are fulfilled. Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall

be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

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

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

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

\_\_\_\_\_  
Guarantor (Bank)

Witness:

1. \_\_\_\_\_ 1. Signature \_\_\_\_\_  
2. \_\_\_\_\_ 2. Name \_\_\_\_\_

\_\_\_\_\_  
Corporate Secretary (Seal)

3. Title \_\_\_\_\_  
2. \_\_\_\_\_

\_\_\_\_\_  
(Name, Title & Address) Corporate Guarantor (Seal)

## FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the —Agreement—) made on the \_\_\_\_\_ day

of \_\_\_\_\_ 200 \_\_\_\_\_ between Executive Engineer, Provincial Highway Division Mirpurkhas (hereinafter called the —Executive Engineer Provincial Highway Division Mirpurkhas ) of the one part and \_\_\_\_\_ (hereinafter called the —Contractor—) of the other part.

WHEREAS the Executive Engineer Provincial Highway Division Mirpurkhas is desirous that certain Works, viz GBDC Sindhri should be

executed by the Contractor and has accepted a Bid 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 Letter of Acceptance;
  - (b) The completed Form of Bid along with Schedules to Bid;
  - (c) Conditions of Contract & Contract Data;
  - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
  - (e) The Specifications; and
  - (f) The Drawings
3. In consideration of the payments to be made by the Executive Engineer Provincial Highway Division Mirpurkhas to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Executive Engineer Provincial Highway Division Mirpurkhas to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Executive Engineer Provincial Highway Division Mirpurkhas 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.

be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

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

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

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

\_\_\_\_\_  
Guarantor (Bank)

Witness:

1. \_\_\_\_\_ 1. Signature \_\_\_\_\_  
2. \_\_\_\_\_ 2. Name \_\_\_\_\_

\_\_\_\_\_  
Corporate Secretary (Seal)

3. Title \_\_\_\_\_  
2. \_\_\_\_\_

\_\_\_\_\_  
(Name, Title & Address) Corporate Guarantor (Seal)



## FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the —Agreement ) made on the \_\_\_\_\_ day of \_\_\_\_\_ 200 \_\_\_\_\_ between Executive Engineer, Edu. Works (hereinafter called the —Executive Engineer Provincial Highway Division Mirpurkhas ) of the one part and \_\_\_\_\_ (hereinafter called the —Contractor ) of the other part.

WHEREAS the Executive Engineer Provincial Highway Division Mirpurkhas is desirous that certain Works, viz GBDC Sindhri should be executed by the Contractor and has accepted a Bid 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 Letter of Acceptance;
  - (b) The completed Form of Bid along with Schedules to Bid;
  - (c) Conditions of Contract & Contract Data;
  - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
  - (e) The Specifications; and
  - (f) The Drawings
3. In consideration of the payments to be made by the Executive Engineer Provincial Highway Division Mirpurkhas to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Executive Engineer Provincial Highway Division Mirpurkhas to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Executive Engineer Provincial Highway Division Mirpurkhas 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 Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor \_\_\_\_\_ Signature of the Executive Engineer \_\_\_\_\_ Highway Division  
Mirpurkhas

(Seal) (Seal)

Signed, Sealed and Delivered in the presence of:

Witness: Witness:

\_\_\_\_\_  
(Name, Title and Address) (Name, Title and Address)

# MOBILIZATION ADVANCE GUARANTEE

Guarantee No. \_\_\_\_\_  
Executed on \_\_\_\_\_

(Letter by the Guarantor to the Executive Engineer Provincial Highway Division Mirpurkhas)  
WHEREAS the \_\_\_\_\_ (hereinafter  
called the Executive Engineer Provincial Highway Division Mirpurkhas) has entered into a  
Contract for \_\_\_\_\_

\_\_\_\_\_ (Particulars of Contract), with  
\_\_\_\_\_ (hereinafter called the Contractor).

AND WHEREAS the Executive Engineer Provincial Highway Division Mirpurkhas has agreed  
to advance to the Contractor, at the Contractor's request, an amount of  
Rs. \_\_\_\_\_ Rupees \_\_\_\_\_) which amount shall be  
advanced to the Contractor as per provisions of the Contract.

AND WHEREAS the Executive Engineer Provincial Highway Division Mirpurkhas has asked  
the Contractor to furnish Guarantee to secure the advance payment for the performance of his  
obligations under the said Contract.

AND WHEREAS \_\_\_\_\_ (Scheduled Bank)  
(hereinafter called the Guarantor) at the request of the Contractor and in consideration of the  
Executive Engineer Provincial Highway Division Mirpurkhas agreeing to make the above  
advance to the Contractor, has agreed to furnish the said Guarantee.

NOW THEREFORE the Guarantor hereby guarantees that the Contractor shall use the advance  
for the purpose of above mentioned Contract and if he fails, and commits default in fulfillment  
of any of his obligations for which the advance payment is made, the Guarantor shall be liable  
to the Executive Engineer Provincial Highway Division Mirpurkhas for payment not exceeding  
the aforementioned amount.

Notice in writing of any default, of which the Executive Engineer Provincial Highway Division  
Mirpurkhas shall be the sole and final judge, as aforesaid, on the part of the Contractor, shall be  
given by the Executive Engineer Provincial Highway Division Mirpurkhas to the Guarantor,  
and on such first written demand payment shall be made by the Guarantor of all sums then due  
under this Guarantee without any reference to the Contractor and without any objection.

This Guarantee shall come into force as soon as the advance payment has been credited to the account of the Contractor.

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

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

Witness:

1. \_\_\_\_\_

\_\_\_\_\_  
Corporate Secretary (Seal)

2. \_\_\_\_\_

\_\_\_\_\_  
(Name, Title & Address) Corporate Guarantor (Seal)

\_\_\_\_\_  
Guarantor (Scheduled Bank)

1. Signature \_\_\_\_\_

2. Name \_\_\_\_\_

3. Title \_\_\_\_\_

## INDENTURE FOR SECURED ADVANCES.

(For use in cases in which is contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time ).

This INDENTURE made the ..... day of .....  
----- -197--" BETWEEN (hereinafter called "the Contractor" which expression shall where the context so admits or implied be deemed to include his heirs, executors, administrators and assigns) of the one part and THE GOVERNOR OF SINDH (hereinafter called "the Government" of the other part).

WHEREAS by an agreement, dated (hereinafter called the said agreement, the contractor has agreed to perform the under-mentioned works (hereinafter referred to as the said work):-  
(Here enter (the description of the works).)

AND WHEREAS the contractor has applied to the.....  
----- for an advance to him of Rupees -----  
(Rs. .... ) on the security of materials absolutely belonging to him and brought by him to the site of the said works the subject of the said agreement for use in the construction of such of the said works as he has undertaken to execute at rates fixed for the finished work (inclusive of the cost of materials and labour and other charge) AND WHEREAS the Government has agreed to advance to the Contractor the sum of Rupees,  
(Rs. .... ) on the security of materials the quantities and other particulars of which are detailed in Part II of Running Account Bill (E). the said works signed by the contractor.

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on ----- and on such covenants and conditions as are hereinafter contained and the Government has reserved to itself the option of marking any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

NOW THIS INDENTURE WTTNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees -----  
(Rs. ----- ) on or before the execution of these presents paid to the Contractor by the Government (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as aforesaid (all of which advances are hereinafter collectively referred to as the said amount) the Contractor doth hereby assign unto the Government the said materials by way of security for the said amount  
And doth hereby covenant and agree with the Government and declare ay follow :-  
(1) That the said sum of Rupees -----  
(Rs. ----- ) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced aforesaid shall be employed by the contractor in or towards expending the execution of the said works and for no other purpose whatsoever.

(2) That the materials detailed in the said Running Account Bill (B) which have been

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Offered to and accepted by (he Government as security for the said amount are absolutely by

the Contractors own property free from encumbrances of any kind and the Contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the contractor hereby agrees, at all times, to indemnify and save harmless the Government against all claims whatsoever to any materials in respect of which an advance has been made to him as aforesaid.

(3) That the said materials detailed in the said Running Account Bill (B) and all other

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Materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereinafter called the said materials) shall be used by the Contractor solely in the execution of the said works in accordance with the directions of the

Divisional Officer -----(hereinafter called the Divisional Officer) and in the terms of the said agreement.

(4) That the Contractor shall make at his own cost all necessary and adequate arrangement for the proper watch, safe custody and protection against all risks of the said material and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and at his own risk and on his own responsibility and shall at all times be open to inspection by (he Divisional Officer or any officer authorized by him. In the event of the said materials of any part (hereof being stolen, destroyed or damaged or becoming deteriorated in a grater degree than is due to reasonable use and wear thereof Contractor will forthwith replace the same with other materials of like qualify or repair and make good the same as required by the Divisional Officer and the materials so brought to replace the said materials so repaired and made good shall also be considered as security for the said amount.

(5) 'Hurt the said materials shall not on any account be removed from the site of the said works except with the written permission of the Divisional Officer or an officer authorized by him in that behalf

(6) That the said amount shall be payable in full when or before the Contractor receives payment, from the Government of the price payable to him for the said works under the terms and provisions of the said agreement PROVIDED THAT if any intermediate payments are made to the contractor on account of work done then on the occasion of each such payment the Government will be at liberty to make a recovery from the Contractors Bill for such payment by deducting there from in the value of the said materials (hen actually used in the construction and in respect of which recovery has not been made previously the value for this purpose being determined in respect of each description of material at (he rates at which the amount of the advances made under these presents were calculated.

(7) That if the Contractor shall at any time make any default in the performance or observation in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing to the Government shall immediately on the happening of such default be repayable by the Contractor to the Government together with interest thereon at twelve percent per annum from the date or respective dates of such advance or advances to the date or repayment and with all costs, charges, damages and expenses incurred by the Government in or for the recovery thereof or the enforcement of this security or otherwise by reason of (he default of the Contractor and any moneys so becoming due and payable shall constitute a debt due from the Contractor to the Government and the Contractor hereby covenants and agrees with the Government to repay and the same respectively to it accordingly.

(8) That the Contractor hereby charges all the said materials with the repayment to the Government of the said sum of Rupees .....

(Rs. ....) and any further sum or sums which may be advanced as aforesaid and all costs charges damages and expenses payable under these presents PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything in the said agreement and without prejudice to the powers contained therein if and whether the covenant for payment and repayment hereinbefore contained shall become enforceable and the money owing shall not be paid to accordingly.

Once therewith the Government may at any time thereafter adopt all or any of following courses as it may deem best :-

(a) Seize and utilize the said materials or any part thereof in the completion of the said works on behalf of the Contractor in accordance with the provisions in that behalf contained in the said agreement debiting the Contractor with the actual cost of effecting such completion the amount due in respect of advances under these presents and crediting the Contractor with the value of work done as he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is against the Contractor he is to pay the same to the Government on demand.

(b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable to the Government under these presents and pay over the surplus (if any) to the Contractor.

(c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.

(9) That except as is expressly provided by the presents interest on the aid advance shall not be payable.

(10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been hereinbefore expressly provided for the same shall be referred to the Superintending Engineer ..... Circle whose..... decision shall be final and the provisions of the Indian Arbitration Act for the time being in force so far as they are applicable shall apply to any such reference.

In witnesses whereof the\* ----- on behalf of the  
Governor of Sindh and the said ----- have hereunto set  
their respective hands and seals the day and first above written.

Signed, sealed and delivered by\* In the presence of  
Seal

1st witness 2nd witness

Signed, sealed and delivered by\* In the presence of  
Seal

1st Witness 2nd witness