RA BIDDING DOCUM

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) | - |
|-----------------|---------|---|---------|
| ame Of Work: | | Pak: MDGs. Coffs of Road Kot. Show Mheuf Dogan Land to Willian Mular 12 18 Wellin Mile of 202 | |
| | | Wand to willy a. My bar 1 / 18 million Mile 0/002) | 1040496 |

N

NIT No TC/G-55/374/, Dated: 34/04/2015.

N.I.T No Date: 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)

| Date: |
|--|
| (Name of Works) |
| Executive Engineer, Lighway 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 |
| Denk |
| 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. |
| NVe agree to abide by this Bid for the period of days from the date fixed for eceiving the same and it shall remain binding upon us and may be accepted at any me before the expiration of that period |

| We agree to abide by this Bid for the period of days from the date fixe receiving the same and it shall remain binding upon us and may be accepted at time before the expiration of that period. Unless and until a formal Agreement is prepared and executed, this Bid, toge with your written acceptance thereof, shall constitute a binding contract between users. 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. We understand that you are not bound to accept the lowest or any bid you neceive. We do hereby declare that the Bid is made without any collusion, comparison figures or arrangement with any other person or persons making a bid for the Works Dated this | ್. We agree i | to abide by this Bid for the period of | |
|---|-------------------------------|--|---------------|
| 6. Unless and until a formal Agreement is prepared and executed, this Bid, toge with your written acceptance thereof, shall constitute a binding contract between use 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 neceive. 9. We do hereby declare that the Bid is made without any collusion, comparison figures or arrangement with any other person or persons making a bid for the Works day of | receiving the | same and it shall remain binding days from the date | fixed |
| 6. Unless and until a formal Agreement is prepared and executed, this Bid, toge with your written acceptance thereof, shall constitute a binding contract between use 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 neceive. 9. We do hereby declare that the Bid is made without any collusion, comparison figures or arrangement with any other person or persons making a bid for the Works Dated this | time before th | ne expiration of that period | d at |
| 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 neceive. 9. We do hereby declare that the Bid is made without any collusion, comparison figures or arrangement with any other person or persons making a bid for the Works Dated this | 6. Unless and | d until a formal Agreement is proposed | |
| 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 neceive. 9. We do hereby declare that the Bid is made without any collusion, comparison figures or arrangement with any other person or persons making a bid for the Works Dated this | with your writte | ten acceptance thereof, shall constitute a binding | oget |
| 8. We understand that you are not bound to accept the lowest or any bid you neceive. 9. We do hereby declare that the Bid is made without any collusion, comparison figures or arrangement with any other person or persons making a bid for the Works Dated this | | binding contract between | n us. |
| 8. We understand that you are not bound to accept the lowest or any bid you neceive. 9. We do hereby declare that the Bid is made without any collusion, comparison figures or arrangement with any other person or persons making a bid for the Works Dated this | We undertal | ike, if our Bid is accepted, to execute the Performance Security | |
| receive. 9. We do hereby declare that the Bid is made without any collusion, comparison figures or arrangement with any other person or persons making a bid for the Works Dated this | relented to III C | conditions of Contract for the due performance of the Contract | |
| 9. We do hereby declare that the Bid is made without any collusion, comparison figures or arrangement with any other person or persons making a bid for the Works Dated this | 8. We underst | tand that you are not bound to accept the lowest or any bid vo | \ |
| Dated this | | | |
| Dated this | 9. We do here | by declare that the Bid is made without any collusion, compari | ieon |
| Signature | "9 area of arrain | rgement with any other person or persons making a bid for the We | oull orke |
| in the capacity ofduly authorized to sign bid for and on behalf (Name of Bidder in Block Capitals) (Seal) Adoress Witness: (Sigr ature) Name: | Dated this | day of 20 | 21162 |
| (Name of Bidder in Block Capitals) (Seal) Adoress | Signature | <u> </u> | |
| (Name of Bidder in Block Capitals) (Seal) Adoress | in the capacity | ofduly authorized to sign bid for and on her | nalf |
| (Seal) Adoress Witness: (Sigr ature) Name: | | | |
| Adoress Witness: (Sigr ature) Name: | | er in Block Capitals) | • |
| | • | | |
| (Sigrature) Name: | Address | | |
| (Sigrature) Name: | | | , . |
| (Sigr ature) | _ | | |
| (Sigr ature) | | | |
| (Sigr ature) | - | | |
| (Sigr ature) | | | - |
| (Sigr ature) | - Witness: | | |
| Name: | | | |
| | | | |
| | | | |
| | | | <u>_</u> |
| | | | |

DETAILED WORKING ESTIMATE



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 | ltem of | work. | | Quantit | y F | Rate | Unit. | Amount. |
|------|---|--|--|--|---------------------------------------|--------------------------------------|-------|------------|
| 1 | including compactin 1 Miles exceptroc Sch. of Rati MILE 0/0- | ork for i ploughing g with op and lift k(If ear e, voi-IIt Pa 0/2 (0.40 | oad embar g, mixing, cl timum moist upto 5.0 ft th work is art - VI, item N | lod breakii ure conten in all to done by o.3 (ii-C), Pa | ng, dre it. Lea ypes o other | essing, d upto of soil than | | 3,000,000 |
| | | As Per | Earth Work | Statemen | t (Aţtac | :hed) | 7600 | 0 Cft |
| | Say Qty. | 76000 | Cft. @ Rs. | . 3656.23 | Per % | 60 Cft. | Rs. | 277,873 /= |
| | | e, vol-III Pa | 95-100% DE art - VI, item No x 5280 x | o.3 (ii-a), Pa | - | | = | 17304 Cft. |

17304 Cft. @ Rs. 6190.17 Per %0 Cft.

Rs.

107,115 /=

2 SUB BASE COURSE:-

Say Qty.

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 x 5280 x 12.00 x 0.75 x 1.03 = 11124 Cft. Say Qty. 11124 Cft. @ Rs. 9961.32 Per % Cft. Rs. 1,108,097 /=

BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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, voi-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

 $0.2273 \times 5280 \times 12.00 \times 0.50 \times 1.03 = 7416 \text{ Cft.}$

= 7416 Cft. Rs. 817,767 /=

Say Qty. 7416 Cft. @ Rs. 11027.06 Per % Cft.

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

 $0.2273 \times 5280 \times 12.00 \times 1.03 = 14832 \text{ Sft.}$ = 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.

ORDINORY

Berms 2 x 0.2273 x 5280 8 + 10 x 1.00 x 1.03 = 22248 Cft.

Ded B.edg. 2 x 0.2273 x 5280 x 0.375 x 0.75 x 1.03 = 695 Cft.

Ded 4% Slop 2 x 0.2273 x 5280 x 8 x 0 + 0.32 x 1.03 = 3164 Cft.

Say Qty. 18389 Cft. @ Rs. 2208.37 Per %0 Cft. Rs. 40,610 /=

Total Rs. 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.N | O ITEM OF WORKS RATE | UNIT | AMOUNT |
|-----|---|-----------------------------------|--------------------------|
| * | 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 = Abutment Wall = 1 x 2 x 30.25 x 2.88 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 1.75 = Total Qty = | 635 348 73 1056 | Cft. Cft. 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 = Bed = 1 x 1 x 30.25 x 2.25 x 0.50 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 0.75 = Total Qty = | 174 34 31 239 | Cft. Cft. 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 = Wing Wall = 1 x 4 x 4.00 x 1.88 x 1.00 = Abutment Wall = 1 x 2 x 30.25 x 1.50 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 1.50 x 2.00 = Abutment Wall = 1 x 2 x 30.25 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 0.75 x 1.16 = | 30 182 48 68 18 14 | Cft. // // // // // Cft. |
| | Total Qty = Qty. 474 Cft. @ Rs 12501.41 Per % Cft. | 474 R s | |

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 | $= 1 \times 2 \times$ | 30.25 x | 1.12 x 0.50 | = | 34 Cft. |
|--------------|-----------------------|---------|--------------------------------|---|---------|
| Side of Slab | $= 1 \times 2 \times$ | 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 /=

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

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

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

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

// (sides) = 1 x 2 x 2 x 0.50 + 1.12 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

| Qty. 261 Sf | t. @ Rs 2344.59 Pe | er % Sft. | Rs. 6,119 /= |
|---------------|------------------------------------|--------------|--------------|
| | | = 261 | Sft. |
| . // (sides) | $= 1 \times 4 \times 0.75 \times$ | 4.16 = 12 | // |
| Wing Wall | = 1 x 4 x 4.00 x | 4.16 = 67 | // |
| Abutment Wall | $= 1 \times 2 \times 30.25 \times$ | 3.00 = · 182 | Sft. |

Total

Rs. 157,377 /=

INVITATION FOR BIDS Date: 03-12-2011 Bid Reference No.: 1527

| 1. The Executive | : Engineer | i 🦠 High | way Division N | /irpurkh | nas, inv | ites seale |
|---|---------------|----------------|-------------------|----------|----------|--------------|
| bids from interested firm | | | | | | |
| appropriate category (no | | | | | | |
| pre-qualified (if pre-qua | | | | | | |
| Engineer | | | | | the | Works, |
| . ********************************** | | | | | - | |
| | · . · | | | | | |
| 2. A complete set | of Bidding D | ocuments ma | ay be purchased | by an i | ntereste | d eligible |
| bidder on submission of | a written app | lication to th | e office given b | elow an | nd upor | ı payment |
| of a non-refundable fee | | | | | | |
| Bidding Documents fro | | | • | | | |
| Division Mirpurkhas, at | • | | · - | | ,,,, | 1118111147 |
| • | | | | | | |
| 3. All bids must b | oe accompanio | ed by a Bid S | Security in the a | amount | of Rs. | ^/- |
| (Rupees Tight 1:: * | | | | | | |
| guarantee) and must be | | | | | | |
| at or before o | | | | | | |
| | | | | | | - |
| the presence of bidders're | presentatives | who choose | to attenu, at the | e same a | iaaress | Indicate |
| the address if it differs]. | | | | | | |
| Note: 1. Executive Engin | eer Provincia | l Highway D | ivician Mienuela | haa ta a | ntau tha | |
| | | i ingliway D | ivision ivinpurk | mas to e | mer me | ; |
| equisite information in bl | • | • | | | | |
| The bid shall be opened | within one he | our after the | deadline for sub | mission | of bid: | s.] |

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.)

| Instruc | tions to Bidders Reference |
|---|--|
| 1.1 | Name of Executive Engineer Highway Division Mirpurkhas |
| Brief I | Description of Works |
| | 151777444444444444444444444444444444444 |
| (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. |
| | 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. (a) A detailed description of the Works essential technical and performance contents. (b) Complete set of technical information, description data, literature and drawings as |
| be lit other gener perfo | red in accordance with Schedule B to Bid, Specific Works and such mited to a sufficient number of drawings, photographs, catalogues, illustrations and such information as is necessary to illustrate clearly the significant characteristics such as information about the works to be ral construction dimensions and other relevant information about the works to be armed. |
| 14.1 14.4 14.6 5.1 16.1 Ver Tim 16.4 | Amount of Bid Security 02% of Estimate cost Period of Bid Validity 90-Days Number of Copies of the Bid to be submitted: 02 original copy. Number of Copies of the Bid to be submitted: 02 original copy. (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission Deadline for Submission of Bids Time: pm on Venue, Time, and Date of Bid Opening ue: office of Executive Engineer Provincial Highway Division Mirpurkhas ne: pm Date: 4. Responsiveness of Bids Bid is valid till required period, 60-Days 4. Public Procurement Regulatory Authority www.pprasindh.gov.pk |
| C1 | Bublic Procurement Regulatory Authority 1 111111 |

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: | | |
| | | |
| induced the procurement from Government of Sin | [name of Contractor] hereby declares that it has f any contract, right, interest, privilege or other obligate (GoS) or any administrative subdivision or agency the by it (GoS) through any corrupt business practice. | tion or benefit |

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 time 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) Ca)+4 load ch: Sulfau 10th Mile More 4.c. Mir Shiftening.

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
LANGE HIGHWAY DIVISION
MIRPURKHAS

FORM OF BID (LETTER OF OFFER)

| Date: | nce No. | | · | | | | |
|-----------------------|--|--------------|-------------------------|-----------------|-------------|--|-----------------------------------|
| Name of V | Vorks) | ••••• | ••••••• | •••••• | ••••••• | •••••••••••••••••••••••••••••••••••••• | ••••• |
| Executive I | lighway Divisio | on . | | | | . • | |
| E)ata, Cond | xamined the B | ntract, Cor | ntract Data | . Specifi | cations | . Drawir | nos if any |
| execution of business | of Prices and f the above-na under | med works | Nos s, we, the under | undersign of | ed, bei | ng a con and | for the npany doing address |
| incorporated | | | | | | and | being duly |
| works and re | under the law | vs of Pakist | tan hereby | offer to | execute | and con | nplete such |
| Addenda | emedy any defe thereto | for | | | | | |
| Rs | | | the | Total | Bid | Pri | |
| | rtained in acco | oees | | | | r such ot | ner sum as |
| | stand that all th | | | • | | of this Di | !_f |
| 3. As security | y for due perfo | rmance of | the underta | ikinas and | ini part | tions of t | u. bio Did wo |
| | vith a Bid Se | | | | | | |
| | | | • | | pool. | | Amount |
| | Ba | | | | | draw | |
| | de payable to y | | | | | | |
| | validity of Bid. | | | | | , , | |
| 4. We underta | ake, if our Bid | is accepte | d, to comn | ence the | Works | and to d | deliver and |
| | Works compr | | | | | | |
| eceiving the | o abide by this same and it sl e expiration of | hall remain | binding up | on us an | ays fro | m the dat | te fixed for |
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| 5. We agree to abide | e by this Bio | d for the | period of | | days fro | om the c | data fivo | d for |
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| receiving the same a | and it shall | remain b | indina upa | n us a | nd may | he aco | ontod ot | 1 10t |
| time before the expir | ation of that | t period. | | | na may | n d acc | epied ai | any |
| 6. Unless and until a | | | is prepare | d and a | avoauta | ماند: ٦ | District | |
| with your written acce | ∋ptance the | reof, sha | l constitute | a bind | ling con | u, this t tract be | tween us | ther i. |
| 7 We undertake, if or | ur Bid is acc | cepted, to | execute to | he Perf | ormano | a Saaur | 14 | |
| referred to in Condition | ons of Contr | act for th | e due nerf | ormano | onnanc | Cantra. | ity -4 | |
| 8. We understand the receive. | at you are | not boun | d to accer | ot the i | owest o | ontrai | id you r | пау |
| 9. We do hereby ded | lare that th | e Bid is | made with | out an | v collus | ion cor | nnaricor | of |
| figures or arrangemen | it with any c | other pers | on or pers | ons ma | skina a I | nid for th | ubansói | , OI |
| Dated this | day | of | 1.2.2 | . 20 | and gran | JIG (O) () | IC AAOIK | ٠. |
| Signature | | | | , | | | | |
| in the capacity of | | duly a | uthorized | to sign | bid for | and or | n behalf | of |
| (Name of Bidder in Blo | ock Capitals | | - | · | | | | |
| (Seal) | | , | | | | | | |
| Address | | | | | | | | |
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DETAILED WORKING ESTIMATE

FOR

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 Unit. Amount. FORMATION:-Earth work for road embankment by buldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 3,600,000 1 Miles and lift upto 5.0 ft. in all types of soil exceptrock(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 As Per Earth Work Statement (Attached) 95800 Cft Say Qty. 95800 Cft. @ Rs. 3656.23 Per %0 Cft. 350,267 /= Rs. (a) COMPACTION 95-100% DENSITY Sch. of Rate, vol-III Part - VI, item No.3 (II-a), Page No. 1&2 $0.2871 \times 5280 \times 14.00 \times 1.0 \times 1.03 =$ 21861 Cft.

2 SUB BASE COURSE:-

Say Qty.

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.

21861 Cft. @ Rs. 6190.17 Per %0 Cft.

135,323 /=

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

0.2871 x 5280 x 12.00 x 0.75 x 1.03 = 14053 Cft. Say Qty. 14053 Cft. @ Rs. 9402.59 Per % Cft. Rs. 1,321,346 /=

3 BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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.

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

3.500,000

;

Const

 $0.2871 \times 5280 \times 12.00 \times 0.50 \times 1.03 = 9369 \text{ Cft.}$

= 9369 Cft.

Say Qly. 9369 Cft. @ Rs. 10448.79 Per % Cft. Rs. 978,947 /=

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.4 (2), Page No.

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

ORDINORY

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

Ded 8.edg. 2 x 0.2871 x 5280 x 0.375 x 0.75 x 1.03 = 878 Cft.

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

Say Qty. 23232 Cft. @ Rs. 2208.37 Per %0 Cft. Rs. 51,305 /=

Total Rs.

Rs. 3,717,676 /=

<u>DETAILED WORKING ESTIMATE FOR</u> 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] ITE | M OF | WORK | (S | RATE | UNIT | AMOUNT |
|----|---|--|---|-------------------------------------|------------------|---------------------------|----------------------|
| 1 | Excavation in and other | foundation structures filling arou inth, waterin In Ordinary s | including dund structe g and rame soil) | lagbelling ure with ming.lead | • | | |
| | Trench Abutment Wa Wing Wall | = 1 x 1 x il = 1 x 2 x = 1 x 4 x | 30.25 x | 7.00 x 2.88 x 2.62 x | 2.00 = 1.75 = | 635 348 73 | Cft. Cft. Cft. |
| | Qty. 1056 | Cft. @ Rs | 3176.25 | | • | Rs. | |
| 2 | CEMENT CO Cement Concr to 2" gauge, R Schedule of Rate | ONCRETE rete brick or atio 1:4:8 | RATIO 1: stone balla | : <u>4:8</u> st 1 1/2" | · . | | -, |
| • | Abutment Wal Bed Wing Wall | = 1 x 2 x = 1 x 1 x = 1 x 4 x | 30,25 x | | 0.50 = | | Oft. Oft. Oft. |
| | 0 | | | Total (| • | | Cft. |
| | Qty. 239 | | 9416.28 | | i. . | Rs. | 22,505 /= |
| 3 | PUCCA BRI Pucca brick w cement sand n | ork in foun | dation and | | | | |
| | Schedule of Rate | Vol: Part - | = item 4 (- | c)Page 2 | 4 | | |
| | Abutment Wall Wing Wall Abutment Wall | $= 1 \times 4 \times$ | 4.00 x 1. | 88 x 1.6 88 x 1.6 50 x 2.6 | 00 = | 114 Cf 30 // 182 // | |
| | Wing Wall | $= 1 \times 4 \times$ | 4.00 x 1. | 50 x 2.1 | 00 = | 48 // | |
| | Abutment Wall Wing Wall | | 30.25 x 1. 4.00 x 1. | | | 68 // | |
| | Wing Wall | | 4.00 x 1. | | | 18 // 14 // | |
| | | | | Total Qty | : | 474 Cf | _ |
| | Qty 474 | Cft. @ Rs | 12501.41 | Per % Cft. | | Rs. | 59,257 <i> </i> = |
| | | | | | | | |
| | | | | | | | • |

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 | $= 1 \times 2 \times$ | | | | . = | 25 // |
| Parapet Wall | = 1 x 2 x | 5.25 x | 0.50. + 1 | 1.12 x 1.12 | = | 10 // |
| · | | | 2 | : | | |
| 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
Siab Main bars 1/2" dia ( bentup) = 1 x 1 x 40 x 5.00 x 0.667 = 133.40 //
Siab Main bars 1/2" dia ( straight) = 1 x 1 x 80 x 4.67 x 0.667 = 249.19 //
Siab 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 !bs = 565.67 !bs 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 = $1 \times 1 \times 30.25 \times 4.00 \times 0.66 = 80 \text{ Cft.}$

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: Ill Part - II = item 9 Page 47

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

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

// (sides) = 1 x 2 x 2 x 0.50 + 1.12 x 1.12 = 4 //

Total Qty = 28 Sft.

Rs.

876 /=

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

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 Highway Division Mirph | ırkhas, inv | ites 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) ar | id/or duly | | | | | | | |
| pre-qualified (if pre-qualification is done for specific scheme/project) |) with the | Evecutive | | | | | | | |
| Engineer Highway Division Mirpurkhas fo | r the | Works," | | | | | | | |
| | · | M OLKS | | | | | | | |
| | • | | | | | | | | |
| 2. A complete set of Bidding Documents may be purchased by a | an intereste | d elinible | | | | | | | |
| bidder on submission of a written application to the office given below | and upon | a chigiote | | | | | | | |
| of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidde | to may as | payment | | | | | | | |
| Bidding Documents from the Office of the Executive Engineer F | is may ac | quire ine | | | | | | | |
| Division Mirpurkhas, at | rovinciai | Highway | | | | | | | |
| | | | | | | | | | |
| 3. All bids must be accompanied by a Bid Security in the amou | int of Da | 21 | | | | | | | |
| (Rupees Tight - 1:1 man i) nly in the form of (pay order / de | omand dead | ,/- | | | | | | | |
| guarantee) and must be delivered to office of Executive Engineer, | mand drai | u / Dank | | | | | | | |
| Bids will be opened at 2.00 pm on | ". د ـــــ | ۰ ۱۰ و | | | | | | | |
| the presence of bidders' representatives who should be appeared at 2.00 pm on | i the | _ day in | | | | | | | |
| the presence of bidders'representatives who choose to attend, at the same the address if it differs]. | e address [| [indicate | | | | | | | |
| and address it it differs]. | | | | | | | | | |
| Note: 1 Evecutive Engineer Descripcial Highers Division And Annual Provincial Highers Division Annual Provincial Highers | | - | | | | | | | |
| [Note: 1. Executive Engineer Provincial Highway Division Mirpurkhas to | o enter the | | | | | | | | |
| requisite information in blank spaces. | | | | | | | | | |
| 2. The bid shall be opened within one hour after the deadline for submiss | ion 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 Road to 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 Frank 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.)

| Clause Refe | erence |
|---|---|
| 1.1 <u>Nam</u> | ne of Executive Engineer |
| Brief Descri | iption of Works |
| ****** | *************************************** |
| (a) Exec | cutive Engineer Provincial Highway Division Mirpurkhas Address: |
| (b) Engi | neer's address: |
| Exe Offi | ce Phone No () = Highway Division Mirpurkhas |
| 10.3 Bid s Rupe | shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. ees. |
| perfo i. Fin ii. Te and o iii. C (3) Ll (6) So | bidder has the financial, technical and constructional capability necessary to form the Contract as follows: (Insert required capabilities and documents) nancial capacity: echnical capacity: (mentions the appropriate category of registration with PEC qualification and experience of the staff); construction Capacity: (1) concrete Mixer 2 Nos. (2) Tractor with trolley 01 No. ife for poring (4) Vibrator 03 Nos. (5) Steel frame work /Shuttring 10000 SFT caffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. Theel barrowers 24 Nos. (10) Mason Tools 50 No. |
| 12. (a) characteristic | A detailed description of the Works essential technical and performance es. |
| required in a be limited to other inform | Complete set of technical information, description data, literature and drawings as eccordance with Schedule B to Bid, Specific Works Data. This will include but not a sufficient number of drawings, photographs, catalogues, illustrations and such action as is necessary to illustrate clearly the significant characteristics such as struction dimensions and other relevant information about the works to be |
| 14.1 Period of 14.4 Number 14.6 (a) Execution Purp 15.1 Dead Time 16.1 Venue, | t of Bid Security 02% of Estimate cost of Bid Validity 90-Days or of Copies of the Bid to be submitted: 02 original copy. Cutive Engineer Provincial Highway Division Mirpurkhas Address for the cose of Bid Submission dline for Submission of Bids c: pm on Time, and Date of Bid Opening of Executive Engineer Provincial Highway Division Mirpurkhas pm Date: |
| in the second second | siveness of Bids |

Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk

(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: | |
| • | |
| induced the procurement of a from Government of Sindh (G | [name of Contractor] hereby declares that it has not obtained or y contract, right, interest, privilege or other obligation or benefit oS) or any administrative subdivision or agency thereof or any oth 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 time 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 Worl: 3) Golf 4 loadevillage Raghis & willige leftyu.
Bhiphiais. 4.c. Donithus 00/02+330 (0.50 kms).

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

MIRPURKHAS

FORM OF BID (LETTER OF OFFER)

| Date: | ice Ivo. | | | | | | | |
|----------------------------|-------------------------------------|---|-------------|------------|------------|--------------|---------|-------|
| (Name of W | /orks) | ••••••••••••••••••••••••••••••••••••••• | ••••• | | ********** | •••••• | ••••• | |
| Executive E | E ngineer, ighway Divisio | on | | | | . • | | |
| Gentlemen, | • | | | | | | | |
| 1. Having ex | camined the B | idding Docu | iments incl | udina Inst | tructions | s to Bidd | ers Ri | ddina |
| | litions of Co | | | | | | | |
| | f Prices and | | | | | | | r the |
| | the above-na | | | | | | | |
| business | under | the | name | of | | and | | dress |
| * | | — | | <u>.</u> | | | | |
| <u> </u> | | | - | | | and | being | duly |
| incorporated | under the lav | | | | execute | | _ | • |
| • | medy any def | | | | | | | |
| Addenda | thereto | for | the | Total | Bid | Pri | | of |
| Rs | (Ru | pees | | |) or | such oth | ner sui | m as |
| may be asce | rtained in acco | | | | | | | |
| | tand that all th | | | • | | of this Bi | d. | |
| | for due perfo | | | | | | | l. we |
| | vith a Bid Se | | | | | | | |
| | | | | | • | | | ount |
| | Ba | ank | | | | draw | | your |
| | de payable to | | | | | | | • |
| | validity of Bid. | | · | | , , | , , , | , | , |
| | ake, if our Bio | | d, to comm | ence the | Works | and to d | deliver | and |
| | Works comp | | | | | | | |
| 5. We agree treceiving the | o abide by thi | hall remain | binding up | | | | | |
| | ニ ヒャルにつびへひ へに | ・・・ハハナ ハヘミヘベ | | | | No. | | |

| 5. We agree to abi | de by this Bid | for the period of _ | days | from the da | ate fixed f | 'n |
|---|-----------------|-----------------------|----------------|----------------|-------------------|------------|
| receiving the same | and it shall n | emain binding upo | n us and ma | ay be acce | pted at a | י ייך |
| mue perote the exp | oration of that | period. | | | | |
| 6. Unless and until | a formal Agre | eement is prepare | d and execu | ted, this Bi | d. togeth | - 1 |
| with your written ac | ceptance there | eof, shall constitute | a binding co | ontract betw | veen us. | |
| 7 We undertake, if | our Bid is acce | epted, to execute the | ne Performai | nce Securit | v | |
| referred to in Condit | tions of Contra | ct for the due perfo | ormance of the | ne Contract | • | |
| We understand treceive. | hat you are n | ot bound to accep | ot the lowest | or any bio | you ma | y |
| 9. We do hereby de | eclare that the | Bid is made with | out any coli | usion com | narison o | f |
| figures or arrangeme | ent with any ot | her person or pers | ons making : | a bid for the | panson o Morke | , |
| Dated this | day c | of | . 20 | a Did 101 till | · VVOINS. | |
| Signature | | | , =0 | | | |
| in the capacity of _ | | _duly authorized t | o sign bid f | or and on | behalf of | ŗ |
| (Name of Bidder in B | lock Capitals) | | • | | | |
| (Seal) | | | | | | |
| Address | | • . | | | | |
| | <u>·</u> | | | | | |
| _ | | | | | , <u></u> | |
| | · | | | | | |
| | · . | | | | | |
| | | | - | ··· | | |
| Witness: | | | | | | |
| (Signature) | · | | | | .* | |
| Name: | | | | 1.5 | | |
| Address: | | | | | | |
| | | | | | | |
| | | | | | | |
| - . | | | • | • | | |

DETAILED WORKING ESTIMATE

F O R

CONSTRUCTION OF ROAD

AT VILLAGE ABDUL RASHEED TO MUHAMMAD

RAFIQUE BUSTIO

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

MEASUREMENT CUM ABSTRACT SHEET

Item of work.

S.No

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 exceptrock(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)

(a) COMPACTING UPTO 85% DENSITY ORDINORY

As Per Earth Work Statement (Attached)

96700 Cft

Say Qty. 96700 Cft. @ Rs. 3656.23 Per %0 Cft.

Rs. 353,557 /=

(b) COMPACTION 95-100% DENSITY ORDINORY

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

 $0.3125 \times 5280 \times 14.00 \times 1.0 \times 1.03 =$

23793 Cft.

= 23793 Cft.

Say Qty. 23793 Cft. @ Rs. 6190.17 Per %0 Cft. SUB BASE COURSE:-

Rs.

147,283 /=

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

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

= 10197 Cft.

Say Qty. 10197 Cft. @ Rs. 8657.62 Per % Cft. Rs. 882,818 /=

BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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)

 $2 \times 0.3125 \times 5280 \times 1.03 = 3399 Rft$

3399 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 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 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 x 0.3125 x 5280 $\frac{8 + 10}{2}$ x 1.00 x 1.03 = 30591 Cft.

Ded B.edg. 2 x 0.3125 x 5280 x 0.375 x 0.75 x 1.03 = 956 Cft.

Ded 4% Slop 2 x 0.3125 x 5280 x 8 x 0 + 0.32 x 1.03 = $\frac{4351 \text{ Cft.}}{2}$ = $\frac{25284 \text{ Cft.}}{2}$

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

Total Rs. 3,409,045 /=

Add Continuousian I -C

. 0,700,

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

CONSTRUCTION OF ROAD

AT VILLAGE ABOUL RASHEED TO MUHAMMAD

RAFIQUE

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

| | <u>ME</u> | <u>ASUR</u> | <u>EMENT CUM A</u> | BSTRACT | SHEET | |
|-----|-----------|-------------|--------------------|---------|-------|-----------|
| NOT | TEM | 0.5 | WORKE | DATE | UNIT | ASSOLISIT |

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 $= 1 \times 1 \times 30.25 \times 7.00 \times 3.00 =$ 635 Cft. Abutment Wall = 1 x 2 x 30.25 x 2.88 x 2.00 = 348 Cft. $= 1 \times 4 \times 4.00 \times 2.62 \times 1.75 =$ Cft. Wing Wall 73 1056 Cft. Total Qty Cft. @ Rs 3176.25 Per %0 Cft. 3,354 /= 1056 Rs. Qtv. 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. Cft. $= 1 \times 1 \times 30.25 \times 2.25 \times 0.50 =$ 34 Bed Wing Wall $= 1 \times 4 \times 4.00 \times 2.62 \times 0.75 =$ 31 Cft. Total Qty = 239 Cft. 22,505 /= Qty. 239 Cft. @ Rs 9416.28 Per % Cft. Rs. 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 Cft. Abutment Wall = 1 x 2 x 30.25 x 1.88 x 1.00 = 114 $= 1 \times 4 \times 4.00 \times 1.88 \times 1.00 =$ 30 HWing Wall Abutment Wall = 1 x 2 x 30.25 x 1.50 x 2.00 = 182 // $= 1 \times 4 \times 4.00 \times 1.50 \times 2.00 =$ 48 $/\!/$ Wing Wall Abutment Wall = 1 x 2 x 30.25 x 1.12 x 1.00 = 68 IIWing Wall $= 1 \times 4 \times 4.00 \times 1.12 \times 1.00 =$ 18 HWing Wall $= 1 \times 4 \times 4.00 \times 0.75 \times 1.16 =$ 14 H474 Cft. Total Qty Cft. @ Rs 12501.41 Per % Cft. Rs. 59,257 /= Qty.

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 | -0.50 + 1 | <u>.</u> 12 _. x 1.12 | = | 10 // |
| | | | 2 | | | |
| ₩/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

 $= 1 \times 2 \times 3 \times 30.00 \times 0.667 = 120.06$ lbs Bed Plates 1/2" dia bars 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 // $= 1 \times 1 \times 9 \times 30.00 \times 0.167 =$ Slab Distribars 1/4" dia 11.25 // $= 1 \times 2 \times 3 \times 5.00 \times 0.375 =$ Parapet Wall 3/8" dia bars $= 1 \times 2 \times 4 \times 5.00 \times 0.167 =$ Parapet Wall 1/4" dia bars Total in lbs = 565.67 lbs

5.05 Cwt Total in Cwt. =

Rs.

24,342 /=

Qty. 5.05 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

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

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

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

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

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

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

24 Sft. $= 1 \times 2 \times 2 \times 5.25 \times 1.12$ Parapet Wall 1 x 2 x 2 x 0.50 + 1.12 4 // // (sides) 28 Sft. **Total Qty**

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

Rs. 876 /=

9 CEMENT PLASTER RATIO 1:3

: 5\$

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

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

Abutment Wall = 1 x 2 x 30.25 x 3.00 = Wing Wall = 1 x 4 x 4.00 x 4.16 = 1 x 4 x 0.75 x 4.16 = 182 Sft 67 HII12 261 Sft

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

Total

6,119 *|*= Rs. Rs. 157,377 /=

INVITATION FOR BIDS Date: 03-12-2011 Bid Reference No.: 1527

| I. The Executive | Engineer | ia. High | way Division N | Airpurk! | has inv | ites sealed |
|---|----------------|-----------------------|------------------|----------|---------------|-------------|
| bids from interested firm | s or persons | licensed by | the Pakistan Er | ngineeri | na Cou | moil in the |
| appropriate category (not | t required for | r works cost | ing Rs 2.5 mil | lion or | less) o | |
| pre-qualified (if pre-qual | ification is d | one for spec | ific scheme/pro | ient) w | icss) a. | Town of |
| Engineer | Highway | Division | Mirnurkhaa | yeer) w | iin the | |
| *************************************** | | | win purknas | ior | the | Works," |
| | | ********** | | | , | |
| 2. A complete set of | of Didding D | | : | | | |
| 2. A complete set of | n pinging D(| ocuments ma | y be purchased | by an i | ntereste | d eligible |
| bidder on submission of a | Written appl | ication to the | office given b | elow ar | ıd upon | payment |
| or a non-refundable fee | of Rupees 30 | 000/- (Th re e | Thousand). B | idders i | may ac | onire the |
| Bidding Documents from | the Office | of the Exe | ecutive Engine | er Prov | incial | Highway |
| Division Mirpurkhas, at | | | _ | | | |
| • | | | | | | |
| 3. All bids must be | accompanie | l by a Rid S | ecurity in the o | | - C D - | 2.4 |
| (Rupees Tight - Just - | | in the form | ecutity in the a | inonut (| 01 KS. | |
| guarantee) and must be d | lativared to | m me tom | tor (pay order | / dema | nd drai | ft / bank |
| guarantee) and must be d | ichvered to | office of Ex | Recutive Engine | eer, L | · * • • | , |
| at or before on | Bi | ds will be of | pened at 2.00 pr | n on the | _ | _ day in |
| the presence of bidders'repr | resentatives v | vho choose t | o attend, at the | same a | ddress Į | [indicate |
| the address if it differs]. | | | | | | |
| Fb. 1 | | | | | | |
| [Note: 1. Executive Enginee | r Provincial I | Highway Div | ision Mirpurkh | as to en | ter the | |
| requisite information in blan | ık spaces. | | | | | |
| 2. The bid shall be opened w | ithin one hou | ır after the de | eadline for subn | nission | of bids. | 1 |
| | | | | | | , |

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 Too in thighways 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 in Li 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.)

| | se Reference |
|---|---|
| 1.1 | Name of Executive Engineer |
| 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. characte | (a) A detailed description of the Works essential technical and performance eristics. |
| be limit other in | (b) Complete set of technical information, description data, literature and drawings as d in accordance with Schedule B to Bid, Specific Works Data. This will include but not ted to a sufficient number of drawings, photographs, catalogues, illustrations and such aformation as is necessary to illustrate clearly the significant characteristics such as construction dimensions and other relevant information about the works to be ed. |
| 14.1 Per 14.4 Nu 14.6 (a) 15.1 16.1 Venue: o Time: | mount of Bid Security 02% of Estimate cost riod of Bid Validity 90-Days mber of Copies of the Bid to be submitted: 02 original copy. Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission Deadline for Submission of Bids Time: pm on nue, Time, and Date of Bid Opening office of Executive Engineer Provincial Highway Division Mirpurkhas pm Date: ponsiveness of Bids valid till required period, 60-Days |
| G4 | |

Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk

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

| (FOR CONTRACTS V | VORTH RS. 10.00 MILLION OR MORE) |
|---|--|
| Contract No | Dated |
| Contract Value: | · |
| Contract Title: | |
| | |
| induced the procuremer from Government of Si | Iname of Contractor] hereby declares that it has not obtained or at of any contract, right, interest, privilege or other obligation or benefit and (GoS) or any administrative subdivision or agency thereof or any other led 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 time 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

L 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) Coff Logs Huzoor Row Chadwote Biladioles.

N.I.T No Date:

NIT No TC/G-55/37/1, Dated: 24/04/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount

Rs. 3000/-

FORM OF BID (LETTER OF OFFER)

| Date: | se no. | | | | | | |
|------------------------|-------------------------------------|---------------|----------------|---------------------------------------|---------------|---------------|-------------|
| (Name of W To: | orks) | •••••••• | •••••• | *********** | •••••• | ************* | •••••• |
| Executive E | i ngineer , ghway Divisio | วก | | | | _ | |
| Mirpurkhas. | , | | | | | | |
| Gentlemen, | | | | • | | • | |
| 1 Having ex | amined the B | idding Docu | iments incl | uding Inst | ructions | to Bidde | rs. Bidding |
| | itions of Co | | | | | | |
| | F Prices and | | | | | | |
| | the above-na | | | | | | |
| business | under | the | name | of | | and . | address |
| | | - | | _ | | | |
| | | , | | | | _ | eing duly |
| | under the law | | | | | | |
| works and rei | medy any def | ects therein | in conform | ity with th | e said C | ocument | s including |
| Addenda | thereto | for | | Total | Bid | Pric | • |
| Rs | (Ru _l | pees | | |) or | such oth | er sum as |
| may be ascer | tained in acco | ordance with | the said D | ocuments | 3 . | | |
| 2. We unders | tand that all th | ne Schedule | s attached | hereto for | rm part | of this Bid | !. |
| 3. As security | for due perfo | rmance of | the underta | akings and | d obligat | tions of th | is Bid, we |
| submit herew | <i>i</i> ith a Bid Se | ecurity in th | ne shape o | of call de | posit N | o. <u> </u> | . , |
| dated: | | | | | | | Amount |
| | Ba | ank | <u>.</u> | · · · · · · · · · · · · · · · · · · · | - | drawn | in your |
| favour or mad | e payable to | you and val | id for a per | iod of twe | nty eigh | nt (28) day | /s beyond |
| the period of v | /alidity of Bid. | | • | | | | |
| 4. We underta | ake, if our Bio | d is accepte | d, to comr | nence the | Works | and to de | eliver and |
| complete the | Works compl | rised in the | Contract | within the | time(s) | stated in | Contract |
| Data. 5 ∴Ne agree t | a ahida hu ile: | n Did for the | عادات المساهمة | | | 41 1.4 | |
| 5. We agree to | | | | | | | |
| receiving the | same and it s | • | | on us an | a may t | oe accept | ed at any |

| 5. We agree to abide | by this Bid | for the pe | riod of | days fr | om the da | te fixed | for |
|---|----------------|--------------|---------------|-------------|---------------------------------------|-------------|-----|
| receiving the same a | nd it shall re | emain bind | ding upon u | s and may | be accen | ted at a | nv |
| time before the expira | tion of that p | period. | | | | | ''y |
| 6. Unless and until a | formal Agre | ement is | prepared a | nd execute | d this Bio | i todeth | ωr |
| with your written acce | otance there | of, shall c | onstitute a t | oinding con | tract betw | een us. | |
| 7 We undertake, if ou | r Bid is acce | epted, to e | xecute the F | Performano | e Security | , | |
| referred to in Condition | is of Contra | ct for the d | lue perform | ance of the | Contract | | |
| We understand that receive. | t you are n | ot bound | to accept th | ne lowest o | or any bid | you ma | ıy |
| 9. We do hereby deci | are that the | Bid is m | ade without | any coilus | sion comm | arieon / | of |
| figures or arrangement | with any otl | her persor | or persons | making a | hid for the | Morks | ,, |
| Dated this | day c | of | . 20 | , | | vvoiks. | |
| Signature | | | | | | | |
| in the capacity of | | _duly auth | norized to s | ign bid for | and on | behalf c |)f |
| (Name of Bidder in Bloc | ck Capitals) | | | | | | |
| (Seal) | | | | | | | |
| Address | | | | | | | |
| | | | | | | | |
| | | | _ | | | | |
| - | · . | | | | | | |
| | | | | | · · · · · · · · · · · · · · · · · · · | | |
| – Witness: | | | | | | | |
| (Signature) | | | | | | | |
| Name: | | · | | | 1.5 | | - |
| Address: | | | | | | | |
| | | <u> </u> | | | . | | |
| - | | | | | | | |
| | | | | | | | |

DETAILED WORKING ESTIMATE

FOR 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 | Uni | it. Amour |
|------|---|---|--|--|--|--------------------------|
| 1 | FORMATION:- Earth work for roaincluding ploughing, compacting with optimal Miles and lift up exceptrock(If earth Sch. of Rate, vol-til Part MILE 0/0-0/5 (1.00 K (a) COMPACTING U | mixing, clo mum moistu oto 5.0 ft. work is VI, item No. | d breaking re content. in all type done by 3 (ii-C), Page | g, dressing Lead up Des of so Other tha De No. 1&2 DEDINOR | g, to pil an | 100 Cft |
| | Say Qty. 132100 (b) COMPACTION 95 Sch. of Rate, vol-fil Part 0.6042 > | 5-100% DEI | NSITY ORI 3 (ii-a), Pag | DINORY je No. 1&2 | | 482,988 /= 46000 Cft. |
| | | | | • | = | 46000 Cft. |
| 2 | Say Qty. 46000 C SUB BASE COURSE Preparing Sub Bas spreading stone mapproved quality fro thickness (6" in 2 lay i/c hand packing, filling non plastic quarry fing from approved source achieve 98-100% do specification. (Rate labours and carriage Sch. of Rate, vol-III Part | etal of 2" m approve ers) to prop ng voids with es of appro- ce, watering ensity as p i/cs all co- upto site of | by sup -11/2" in d quarry er camber 10 cft sci ved quality g and cor per modifie st of mate work. | plying an guage of in require and grade reening an and guage mpacting to ed AASHi erials T&F | nd of ed e, nd ee to | 284,748 /= |
| | 0.6042 | 5280 x | 12.00 x | 0.50 x | 1.03 = | 19714 Cft. |
| | | | | | = | 19714 Cft. |

Say Qty. 19714 Cft. @ Rs. 9262.91 Per % Cft.

1,826,090 /=

Rs.

3 BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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)

 $2 \times 0.6042 \times 5280 \times 1.03 = 6571 Rft.$

6571 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, voi-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 Cft.

2,031,376 /=

Say Qty. 19714 Cft. @ Rs. 10304.23 Per % Cft.

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-lil 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 Sft.

Rs.

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

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.

ORDINORY

 $2 \times 0.6042 \times 5280$ $8 + 10 \times 1.00 \times 1.03 =$ 59143 Cft. Berms

 $2 \times 0.6042 \times 5280 \times 0.375 \times 0.75 \times 1.03$ 1848 Cft. Ded Bledg.

Ded 4% Slop 2 x 0.6042 x 5280 x 8 x 0 + 0.32 x 8411 Cft. 1.03 = 48884 Cft.

48884 Cft. @ Rs. 2208.37 Per %0 Cft. Rs. 107,954 /= Say Qty.

> 6,580,295 /= Rs. Total

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

| | WEASUREWIEWI COW 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 = Abutment Wall = 1 x 2 x 30.25 x 2.88 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 1.75 = | 635 Cft. 348 Cft. 73 Cft. |
| | Total Qty = Qty. 1056 Cft. @ Rs 3176.25 Per %0 Cft. | 1056 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: Part - = tem 4 (b) Page 17 | |
| | Abutment Wail = 1 x 2 x 30.25 x 2.88 x 1.00 = Bed = 1 x 1 x 30.25 x 2.25 x 0.50 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 0.75 = Total Qty = | 174 Cft. 34 Cft. 31 Cft. 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: Part - = item 4 (i-c) Page 24 Abutment Wall = 1 x 2 x 30.25 x 1.88 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.88 x 1.00 = Abutment Wall = 1 x 2 x 30.25 x 1.50 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 1.50 x 2.00 = | 114 Cft. 30 // 182 // 48 // |
| | Abutment Wali = 1 x 2 x 30.25 x 1.12 x 1.00 = Wing Wali = 1 x 4 x 4.00 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 0.75 x 1.16 = Total Qty = Qty. 474 Cft. @ Rs 12501.41 Per % Cft. | 68 |
| 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 Side of Slab = 1 x 2 x 30.25 x 0.62 x 0.67 Parapet Wall = 1 x 2 x 5.25 x 0.50 + 1.12 x 1.12 | = 34 Cft. = 25 // = 10 // |
| | W/W (Coping) = $1 \times 4 \times 4.00 \times 0.75 \times 0.25$ | = 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 Wali 3/8" dia bars = 1 x 2 x 3 x 5.00 x 0.375 = 11.25 //
Parapet Wali 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. 6 R.C.C. WORK. RATIO 1:2:4

Rs. 24,342 /=

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 = $1 \times 1 \times 30.25 \times 4.00 \times 0.66 = 80$ 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 0.50 + 1.12 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. = 1 x 4 x 4.00 x 4.16 = = 1 x 4 x 0.75 x 4.16 = 67 HWing Wall 12 // // (sides) 261 Sft. Sft. @ Rs 2344.59 Per % Sft. 6,119 /= Rs.

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

| | | ILASUKLI | | COM A | | ···· | | | | | 1 |
|-----|--|--|---------------------------------------|--|----------------|--------|---------|----------|---------------------------------|------------------------------|---------------|
| S.N | O ITE | M OF | WOR | KS | R | ATE | UN | <u> </u> | <u>A</u> \ | <u> 10UN</u> | Ш |
| 1 | EXCAVATIO Excavation in fand other st dressing, refi excavated earl upto 5.00 ft. (In Schedule of Rate | foundation of ructures in liing aroun th, watering Ordinary so | cluding id struc and ran il) | dagbellin ture wit nming.lea | g h d | | | • | | | |
| | Trench A/Wall W/Wall Bed | = 1 x 1 x = 1 x 2 x = 1 x 4 x = 1 x 1 x | 25.50 10.00 | x 27.00 x 6.00 x 5.00 x 14.00 | x 5.5 x 5.5 | i0 | H H H H | 1 | 131 683 100 446 360 | Cft. Cft. Cft. Cft. | |
| | Qty. 7360 | Cft. @ Rs | 3176.25 | Per%0 | Cft. | | | Rs. | 23 | ,377 | /= [|
| 2 | CEMENT CO Cement Concreto 2" gauge. Ra Schedule of Rate | NCRETE ete brick or atio 1:4:8 | RATIO stone ba | 1:4:8 llast 1 1/2 | 2" | : | | | | | |
| | Abutment Wall Wing Wall Bed | = 1 x 2 x = 1 x 4 x = 1 x 1 x | 10.00 | x 6.00 x 5.00 x 14.00 | x 1.5 | 0 | = = | | 459 300 268 | Cft. Cft. Cft. | |
| | | | | Tota | ai Qty | i i | = | 1 | 027 | Cft. | |
| | Qty. 1027 | Cft. @ Rs | 9416.28 | | - | | | Rs. | 96 | ,705 | <i>]</i> = |
| 3 | PUCCA BRIC Pucca brick w cement sand m | CK WORK | RATIO | <u>) 1:4</u> | | | | | | | |
| | Schedule of Rate | | | | | | | | | 01 | |
| | Abutment Wall Abutment Wall | $= 1 \times 2 \times$ $= 1 \times 2 \times$ | 25,50 x | 5.00 x | 2.00 | | = | | 510 408 | Cft. | |
| | Abutment Wall | | | | | | = | | 306 | H | |
| | Abutment Wall | | | 3.00 + | | x 4.00 | = | | 510 | II | |
| | Wing Wall | = 1 x 4 x | 10.00 x | 4.00 x | 2.00 | | = | | 320 | // | |
| | Wing Wali | $= 1 \times 4 \times$ | 10.00 x | 3.00 x | 2.00 | | = | | 240 | // | |
| | Wing Wall Wing Wall | = 1 x 4 x = 1 x 4 x | 10.00 x | 2.00 x | 2.00 | x 5.00 | = | | 160 350 | // | |
| , | Qty, 2804 | Cft. @ Rs | 12501.4 | Total t 1 Per % | | • | = | Rs. | 2804 3 5 0 | Cft. ,540 | <i>l</i> = |

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 | Х | 1.00 | = | 102 | Cft. |
|---------------|---|-----|-----|---------|------|---|------|-----|-----|------|
| Coping W.wall | | | | | | | 0.50 | = | 30 | H |
| Side of Slab | | | | 25,50 x | | | 1.50 | = | 115 | H |
| Kerbing Wall | | | | 25.50 x | | | 1.00 | = | 64 | H |
| Railing Base | | | | 25.50 x | | | 1.25 | = | 0 | H |
| Railing Ver | | | | 1.00 x | | | 3.50 | = | 11 | H |
| Railing Hor | | | | 8.50 x | | | 0.50 | = . | 17 | H |
| Bed Flooring | | | | 25.50 x | | | 0.50 | = | 357 | _// |
| ű | | | | | | | | = | 696 | Cft. |

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

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

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 = $1 \times 1 \times 25.50 \times 16.00 \times 1.50 = 612 \text{ Cft.}$

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: || Part - || = 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 Voi: ill 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 5.00 = 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 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 Tight in the form of (pay order / demand draft / bank guarantee) and must be delivered to office of Executive Engineer, Line 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 Annual 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 Voo L. 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 P- 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 |
|---|
| Name of Executive Engineer |
| 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. |
| 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 |

SCHEDULE - F TO BID

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

| () OK CONTRACTS WORT | H KS. 10.00 MILLION OR MORE) |
|----------------------------|---|
| Contract No | Dated |
| Contract Value: | |
| Contract Title: | *************************************** |
| | |
| from Government of Sindh (| [name of Contractor] hereby declares that it has not obtained or ny contract, right, interest, privilege or other obligation or benefit GoS) or any administrative subdivision or agency thereof or any other 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 time 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 Groff J.C.c. Road of Ville Dory I chan Town to Ville Manual foryal Jonnes Deline 1700 Aft.

N.I.T No Date:

NIT No TC/G-55/371/, Dated:-24/01/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount

Rs. 3000/-

EXECUTIVE ENGINEER
LEST HIGHWAY DIVISION
MIRPURKHAS

FORM OF BID (LETTER OF OFFER)

| Date: | ice No. | | | | | | | |
|--|--|--------------------------|-------------|----------------|-----------|-----------------|----------|-------|
| (Name of V To: | Vorks) | ************************ | ••••••• | ••••••• | ••••••• | ·,····· | •••••• | |
| Executive I | lighway Divisio | n | | | | | | · |
| Centlemen, | | • | | | | | | |
| Data, Cond Schedule o | xamined the B ditions of Cor of Prices and f the above-na | ntract, Con Addenda | tract Data | a, Spęcif | fications | , Drawir | ngs, if | any, |
| business | under | the | name | undersigi 0 | | ng a con and | | dress |
| | | | | | | and | being | duly |
| | under the law emedy any defe thereto | | | | | Documer | | |
| Rs | (Rur | ees | | <u> </u> |) o | r such ot | her sur | n as |
| | rtained in acco | | | | | | | |
| As security submit herev | stand that all th y for due perfo with a Bid Se | rmance of t | he underta | akings an | d obliga | itions of t | this Bid | |
| dated: | | - | | | | | | ount |
| | Ba | ınk | | | ··· | draw | n in y | your |
| | de payable to yvalidity of Bid. | ou and vali | d for a per | iod of two | enty eig | ht (28) da | ays bey | ond` |
| 4. We undert | ake, if our Bid | is accepted | d, to comn | nence the | e Works | and to | deliver | and |
| | Works compr | | | | | | | |
| 5. We agree t | to abide by this | s Bid for the | period of | (| days fro | m the da | te fixed | l for |
| eceiving the | same and it s | hall remain | binding up | on us ar | nd may | be accep | ted at | anv |
| | e expiration of | | | | | • | | , |

| 5. We agree t | o abide by this Bi | d for the period of | days from the | date fixed for |
|------------------|---------------------------------------|--|---|----------------------------|
| time before th | same and it shall | remain binding upon us | s and may be acc | epted at any |
| | e expiration of tha | | | |
| with your writte | en acceptance the | reement is prepared ar reof, shall constitute a b | id executed, this [inding contract be | 3id, together tween us. |
| 7 We underta | ke, if our Bid is acc | cepted, to execute the P | erformanco Soour | -14 |
| referred to in C | onditions of Contr | ract for the due performa | ance of the Contra | nty ot |
| 8. We underst | and that you are | not bound to accept th | e lowest or any b | oid vou mav |
| receive. | | | | |
| 9. We do here | by declare that th | ne Bid is made without | any collusion, cor | mparison of |
| ngures or arran | gement with any o | other person or persons | making a bid for th | ne Works. |
| Dated this | day | of, 20 | | |
| Signature | ······ | · | | |
| in the capacity | of | duly authorized to si | gn bid for and or | n behalf of |
| (Name of Bidde | r in Block Capitals | ;) | | |
| (Seal) | | | | |
| Address | | | | |
| • | · · · · · · · · · · · · · · · · · · · | | | |
| _ | | | | |
| · . | | | | |
| _ | | | - · · · · · · · · · · · · · · · · · · · | |
| | | | | |
| – Witness: | | | | |
| (Signature) | | • | | .* |
| Name: | | | *. * | |
| Address: | | | | - |
| | | | | |
| _ | | | | <u> </u> |
| | | | | |

DETAILED WORKING

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 v | vork. | | Quant | ity | Rate | Unit | . Amount |
|------|--|--------------------------------------|------------------------------|---|-------------------|-----------|-------|------------|
| 1 | SUB GRAD Preparing s filling to an and consoli | ub-grade i average de | epth of 9 | " dressing | | | | |
| | Sch. cf Rate, | voi-III Part - ' | VI, item N | o.6, Page I | lo. 2 | : | | • |
| | 4567 | x 10 + | 10 x | 1.03 | | : | = | 16140 Sft |
| | Say Qty. | 16140 sf | t @ Rs | . 526.28 | Per | % Sft. | Rs. | 84,942 / = |
| . 2 | ERECTIO Erection ar plain cemer class) (a) V Schedule of I | nd removal nt concrete ertical | of cen works Part-II=i | tering for of Partal item 18 (b-i | wood (i) Page | 2nd 21 | | |
| | | | 2 x | 1567 x | 0.375 | | = 11 | 175 Sft. |
| | | | | | | Total | G= 11 | 175 |
| • | Qty. 117 | 5 Sft. | @ Rs | 3127.41 | Per | % Sft. | Rs. | 36,747 /= |
| 3 | CEMENT Co Cement Co gauge. Rati Schedule of | ncrete bric o 1:5:10 | k or stoi | ne ballast | | to 2" | | |
| | | 1567 x | 10 + | 10 x | 0.500 | - | = . | 7835 Cft |
| | Qty. 78 | 35 Cft. | @ Rs | 8694.95 | Per | % Cft. | Rs. | 681,249 /= |

CEMENT CONCRETE RATIO 1:2:4

Cerrent 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

x 0.375

5876 Cft

Qty. 5876

Sft. @ Rs 14429.25 Per % Cft.

Each

847,863 /= Rs.

SUPPLYING AND INAUGUARATION STONE

Supplying and inauguration for Scheme

Qty. 1 Eath @ Rs 5000,00

Rs. 5,000 /=

TOTAL 1,655,801 /= Rs.

INVITATION FOR BIDS Date: 03-12-2011 Bid Reference No.: 1527

| 1. The Executive Engineer Highway Division Mirpurkhas, invites sealer bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category (not required for works continued to the Pakistan Engineering Council in the appropriate category (not required for works continued to the Pakistan Engineering Council in the appropriate category (not required for works continued to the Pakistan Engineering Council in the appropriate category (not required for works continued to the Pakistan Engineering Council in the appropriate category (not required for works) |
|--|
| appropriate category (not required for works costing Rs 2.5 million or less) and/or dul pre-qualified (if pre-qualification is done for specific scheme/project) with the Executiv |
| 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 Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the amount of Rs. (Rupees Tight and Life accompanied by a Bid Security in the form of (pay order / demand draft / bank guarantee) and Life accompanied by a Bid Security in the s |
| [Note: I. 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 voc in thighways 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 Production 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

| Clau | se 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. charac | (a) A detailed description of the Works essential technical and performance teristics. |
| be lim other i | (b) Complete set of technical information, description data, literature and drawings as ed in accordance with Schedule B to Bid, Specific Works Data. This will include but not ited to a sufficient number of drawings, photographs, catalogues, illustrations and such information as is necessary to illustrate clearly the significant characteristics such as I construction dimensions and other relevant information about the works to be med. |
| 14.1 Po 14.4 N 14.6 (a 15.1 16.1 Vo Venue: Fime: 6.4 Re | mount of Bid Security 02% of Estimate cost eriod of Bid Validity 90-Days umber of Copies of the Bid to be submitted: 02 original copy. Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission Deadline for Submission of Bids Time: pm on enue, Time, and Date of Bid Opening office of Executive Engineer Provincial Highway Division Mirpurkhas pm Date: esponsiveness of Bids is valid till required period, 60-Days |

Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk

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

| (FOR CONTRACTS V | OKTH KS. 10.00 MILLION OKT | VIORE) |
|---|---|--|
| Contract No | Dated | <u> </u> |
| Contract Value: | · | |
| Contract Title: | • | |
| | | |
| induced the procurement from Government of Si | nt of any contract, right, interest, pr | eby declares that it has not obtained or ivilege or other obligation or benefit belivision or agency thereof or any other 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 time 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 & GRAGE C. Road SSP/Athe Pine Mingue Ides

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

IMPORTATION

MIRPURKHAS

FORM OF BID (LETTER OF OFFER)

| Bid Referen Date: | ice No. | | | | | | |
|---|---|--------------------------|--|------------------------|---|------------------|-----------------------|
| √Name of W To: | /orks) | ••••••••• | ······································ | • | • | • | · · |
| Executive E | E ngineer , ighway Divisio | on | | | | •• | |
| Gentlemen, | | | | • | | | |
| Elata, Condi Schedule of | amined the B itions of Cor f Prices and | ntract, Cor I Addenda | ntract Dat | a, Spęcii | fications | , Drawing | s, if any, for the |
| b Jsiness | the above-na under | the | s, we, the name | | | ng a comp and | pany doing address |
| | | | <u>-</u> | | • | and h | eing duly |
| incorporated works and rer Addenda | nedy any defe | ects therein | in conforr | nity with th | execute | and com | plete such |
| | thereto | for | | Total | Bid | Pric | |
| Rs may be ascert | tained in acco | rdanaa witt | | |) or | such oth | er sum as |
| 2. We underst 3. As security submit herew | and that all th for due perfo | e Schedule | es attached the undert | hereto fo akings an | orm part d obliga | tions of th | is Bid, we |
| dated: | | - | | | • | | Amount |
| dated: | Ba | nk | · · · · · · · · · · · · · · · · · · · | | | drawn | in your |
| favour or made h∈ period of v | e payable to y | ou and vali | id for a pe | riod of twe | enty eigh | nt (28) day | s beyond |
| 1. 'We underta | ke, if our Bid | is accepte | d, to come | nence the | Works | and to de | liver and |
| complete the N Data. | Works compri | sed in the | Contract | within the | time(s) | stated in | Contract |
| i. \Ve agree to | abide by this | Bid for the | period of | c | lays fron | n the date | fixed for |
| ec∋iving the s | ame and it sh | nall remain | binding u | on us an | d may b | e accepte | ed at any |
| me netore the | expiration of | that period. | | | | ¥ | • |

| 5. We agree to abide by this Bid | for the peri | od of | days from th | e date fixed | fo |
|--|----------------|---------------------------------------|------------------|---------------------------------------|------|
| receiving the same and it shall r | remain bindi | ing upon us | and may be a | ccented at a | יחג |
| time before the expiration of that | period. | | | oooptou ut c | XII) |
| 6. Unless and until a formal Agr | | repared and | Lexecuted this | s Rid foactl | |
| with your written acceptance then | eof, shall co | enstitute a bir | nding contract i | between us. | 16 |
| 7 We undertake, if our Bid is acc | epted, to ex | ecute the Pe | erformance Sec | curity | |
| referred to in Conditions of Contra | act for the di | ue performar | nce of the Cont | ract | |
| 8. We understand that you are receive. | not bound to | accept the | lowest or any | / bid you ma | ау |
| 9. We do hereby declare that the | e Bid is ma | de without s | Inv collucion | aanan a sia | - 4 |
| figures or arrangement with any o | ther person | or persons n | nakina a bid fo | companson | Οī |
| Dated thisday | of | 20 | iaking a bid io | r trie vvorks. | |
| Signature | | , 20 | | | |
| in the capacity of | | orized to sig | n bid for and | on behalf | of |
| (Name of Bidder in Block Capitals) | | | | | |
| (Seal) | | | | | |
| Address | | • | | | |
| | | | | | |
| _ | | | | · · · · · · · · · · · · · · · · · · · | , |
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| - | | - | | | |
| | | | | | |
| - | | | <u>-</u> | | |
| Witness: | | | ÷ | | |
| Siç nature) | | | | • | |
| Varne: | | | 13 | | |
| Adoress: | | | | · · · · · · · · · · · · · · · · · · · | • |
| | | · | | | |
| - | | · · · · · · · · · · · · · · · · · · · | · · | | |

DETAILED WORKING

FOR

CONSTRUCTION OF C.C. ROAD

@ SSP OFFICE / POLICE LINE

MIRPURKHAS

LENGTH:-

| O.M. | | | | | |
|------|---------------|------------|---------|--------|---------|
| S.No | Item of work. | Quantity · | Rate | Unit. | Amount |
| · | | | . 10100 | Offic. | Amount. |

Rft

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

14296 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

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

1041 Sft.

Total G = 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
$$\times 10 + 10 \times 0.500$$

6940 Cft

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

4 CEMENT CONCRETE RATIO 1:2:4 Cemen: 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 x 10 + 10 x 0.375 5205 Cft Qty. 5205 Sft. @ Rs 14429.25 Per % Cft. **751,042** /= Rs. SUPPLYING AND INAUGUARATION STONE Supplying and inauguration for Scheme Qty. Eath @ Rs 1 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 | a Highv | vay Division M | lirpurki | has, inv | ites sealed |
|---|-----------|-----------------|----------|----------|-------------|
| bids from interested firms or persons licens | | | | | |
| appropriate category (not required for wor | | | | | |
| pre-qualified (if pre-qualification is done f | | | | | |
| | | Mirpurkhas | | the | Works," |
| | | • | | ** | , |
| | | | | | |
| 2. A complete set of Bidding Docum | ents may | be purchased | by an i | ntereste | ed eligible |
| bidder on submission of a written application | | | | | |
| of a non-refundable fee of Rupees 3000/- | | | | | |
| Bidding Documents from the Office of | | | | | |
| Division Mirpurkhas, at | | | | | , |
| | | | | | |
| 3. All bids must be accompanied by | a Bid S | curity in the a | mount | of Rs. | v.v.?/- |
| (Rupees Tight " July accessed) nly in t | | | | | |
| guarantee) and must be delivered to offic | | | | | |
| Last or before on Bids w | | | | | |
| he presence of bidders'representatives who | | | | | |
| he address if it differs). | | , | | | Laroato |
| - | | | | | |
| Note: 1. Executive Engineer Provincial High | way Div | ision Mirpurkh | as to e | nter the | |
| equisite information in blank spaces. | - | · F | • | | - |
| . The bid shall be opened within one hour aff | er the de | eadline for sub | nission | of bid | s.ì |
| | | | | | - 1 |

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 | l by |
| the Executive Engineer Tee A. A. 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 Production 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.)

| | e 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 Case |
| 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. charac | (a) A detailed description of the Works essential technical and performance teristics. |
| be limi | (b) Complete set of technical information, description data, literature and drawings as ed in accordance with Schedule B to Bid, Specific Works Data. This will include but not ited to a sufficient number of drawings, photographs, catalogues, illustrations and such information as is necessary to illustrate clearly the significant characteristics such as a construction dimensions and other relevant information about the works to be med. |
| 14.1 Po 14.4 N 14.6 (a 15.1 16.1 V Venue Time: 16.4 R | mount of Bid Security 02% of Estimate cost eriod of Bid Validity 90-Days umber of Copies of the Bid to be submitted: 02 original copy. Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission Deadline for Submission of Bids Time: pm on enue, Time, and Date of Bid Opening office of Executive Engineer Provincial Highway Division Mirpurkhas pm Date: esponsiveness of Bids is valid till required period, 60-Days |

Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk

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

| (FOR CONTRACTS WORTH I | (S. 10.00 MILLION OR MORE) |
|--|---|
| Contract No. | Dated |
| Contract Value; | |
| Contract Title: | |
| induced the procurement of any from Government of Sindh (GoS | [name of Contractor] hereby declares that it has not obtained or contract, right, interest, privilege or other obligation or benefit s) or any administrative subdivision or agency thereof or any other (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 time 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 ADP 1868 G8/14 Road Village Salib Snigh Shanin

N.I.T No Date:

NIT No TC/G-55/374/, 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

INCLEASE IN THE HIGHWAY DIVISION

MIRPURKHAS

FORM OF BID (LETTER OF OFFER)

| Date: | ice No. | · | | | | | | |
|---------------|-------------------|---------------|------------|------------|-----------|-------------|---------------------------------------|-------|
| (Name of W | Vorks) | •••• | ••••••• | ********** | ******* | •••••• | • • • • • • • • • • • • • • • • • • • | •• |
| Executive E | | | | | | | | |
| Mirpurkhas. | lighway Divisio | n | | | | . * | | |
| Gentlemen, | | | | • | | | | |
| 1. Having ex | xamined the Bi | idding Docu | ments inc | luding Ins | struction | ns to Bidd | ers, Bio | lding |
| | litions of Cor | | | | | | | _ |
| | of Prices and | | | | | | | the |
| | the above-na | | | | | | | loing |
| business | under | the | name | | | and | | lress |
| | | | · | | | | | |
| | · | <u></u> | · | | | and | being | duly |
| incorporated | under the law | s of Pakist | an hereby | offer to | execute | and cor | nplete : | such |
| | medy any defe | | | | | | | |
| Addenda | | for | the | Total | Bid | | ice | of |
| Rs | (Rup | ees | | | | r such ot | her sun | n as |
| | rtained in acco | | | | | | | |
| 2. We unders | stand that all th | e Schedule | s attached | hereto fo | orm par | t of this B | id. | |
| | y for due perfo | | | | | | | we |
| | with a Bid Se | | | | | | | |
| | | | | | | | | ount |
| | Ba | ınk | | | | draw | n in y | our/ |
| | de payable to y | | | | | | • | |
| | validity of Bid. | | • | | , , | , , , | , , | |
| 4. We undert | ake, if our Bid | is accepted | d, to comr | nence the | e Work | s and to | deliver | and |
| | Works compr | | | | | | | |
| Data. | | | | | ` | | | |
| 5. We agree t | to abide by this | s Bid for the | period of | | days fro | m the da | te fixed | for |
| | same and it sl | | | | | | | |
| | e expiration of | - | | | , | ۰ ۲- | | |

| 5. We agree to abide by | this Bid for t | he period of | | lays fron | n the dat | e fixed | for |
|---|--------------------|---------------------------------------|------------|---------------------------------------|---------------|---------------------------------------|------|
| receiving the same and | it shall remai | in binding up | on us an | id may b | e accent | ed at a | mv |
| time before the expiratio | n of that perio | od. | | | - woodb. | .04 01 0 | шу |
| 6. Unless and until a fo | rmal Agreeme | ent is prepare | ed and e | xecuted | this Rid | foaetk |) or |
| with your written accepta | ince thereof, s | shall constitut | te a bindi | ng contr | act betwe | en us. | 161 |
| 7. We undertake, if our B | lid is accepted | d, to execute | the Perfo | rmance | Security | | |
| referred to in Conditions | of Contract fo | r the due per | formance | of the (| Zontract. | | |
| We understand that y receive. | ou are not b | ound to acce | ept the lo | west or | any bid | you ma | зу |
| 9. We do hereby declare | that the Bid | l is made wit | thout any | collusic | n comn | arieon | ٥f |
| figures or arrangement w | ith any other p | oerson or per | sons mai | king a bi | d for the ' | Works | 01 |
| Dated this | day of | · | , 20 | , , , , , , , , , , , , , , , , , , , | | · · · · · · · · · · · · · · · · · · · | |
| Signature | | | | | | | |
| in the capacity of | | y authorized | to sign | bid for a | and on b | ehalf o | of |
| (Name of Bidder in Block | ————— Capitals) | | | | | | |
| (Seal) | | | | | | | |
| Address | | • | | | | | |
| | | | _ | | | | |
| _ | | - | | | | | |
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| _ | · . | | | | | | |
| | | | | | | | |
| _ | | | | | | | |
| Witness: | | | | | | | |
| (Signature) | | | | | | | |
| Name: | | | | | i.e | | |
| Address: | | · · · · · · · · · · · · · · · · · · · | ···· | | | | |
| | '' ' | | | | . | | |
| | | | | | | | |

DETAILED WORKING ESTIMATE

FOR

CONSTRUCTION OF ROAD

VILLAGE SAHIB SINGH SHAHANI

TALUKA SHUJAABAD

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

MEASUREMENT CUM ABSTRACT SHEET

| S.No |) Item c | of work. | | Quant | ty | Rate | Uл | iit | Amount |
|---------|---|---|--|--|--|--|-------------------------|----------------|-------------|
| 1 | Earth w including compaction Miles exceptrod | ATION:- ork for road ploughing, n ng with optime and lift upto | nixing, cl um moist o 5.0 ft work is | lod break ture conte , in alt i done by | ng, dro nt. Lea ypes o othe | essing ad upt of so r tha | g. to bil | | |
| | MILE: 0/ | te, vol-III Part - 0 -0/4 (0.80 K PACTING UP | M) | | . – | | , | | |
| | | As Per Ea | rth Work | Statemen | t (Attac | ched) | 201 | 300 Cft | |
| | Say Qty. | 201300 Cf | t. @ Rs. | 3656.23 | Per % | 60 Cft | . Rs. | 735 | ,999 /= |
| | Sch. of Rat | PACTION 95- c, vol-III Part - \ 0.5000 x | VI, item No 5280 x | o.3 (ii-a), Pa 14.00 x | ige No. 1.0 | 1&2 X 1.0 | | 38069 | |
| Villag | e Appr | 0.1506 x | 5280 x | 14.00 x | 1.0 | x 1.0 | 03 = | 11464 49533 | |
| | Say Qty. | 49533 Cff | L @ Rs. | 6190.17 | Per % | 0 Cft | . Rs. | | ,618 /= |
| | Preparing spreading approved thickness i/c hand paring plastic from apprachieve 9 specificatic labours an | E COURSE:- Sub Base stone meta quality from (6" in 2 layers acking, filling a quarry fines oved source, 8-100% denson. (Rate i/od carriage up o, vol-III Part - V | Course al of 2 approve s) to prop voids wit of appro waterin sity as p s all co to site of | "-11/2" ir ed quarry per cambe th 10 cft so wed qualit g and co per modif st of ma work. | in red in red r and o creenin y and o mpacti ied AA terials | ge of quired grade, ig and guage ing to ASHO T&P, | f 1 1 1 1 | | |
| Village | e Appr | 0.5000 x 5 0.1506 x 5 | | | | | 1.03 = 1.03 <u>=</u> | 16315 4913 | Cft. |

21228 Cft. @ Rs. 9030.10 Per % Cft.

Say Qty.

4913 Cft. 21228 Cft.

Rs. 1,916,910 /=

BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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.

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

7076 Rft.

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-lil Part - Vi, item No.3 (10), Page No. 4

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

Village Appr

0.5000 x 5280 x 12.00 x 0.50 x 1.03 = 16315 Cft. 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 /=

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)

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

2,737,393 /= 42456 Sft. @ Rs. 6447.60 Per % Sft. Say Qty.

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-lil 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

 $2 \times 0.6506 \times 5280$ $\frac{8 + 10}{2} \times 1.00 \times 1.03 =$ 63685 Cft. Berms 2 x 0.6506 x 5280 x 0.375 x 0.75 x 1.03 1990 CfL Ded Bledg. $8 \times \frac{0 + 0.32}{2} \times$ 9057 Cft. 2 x 0.6506 x 5280 x Ded 4% Stop

192,457 /= 52638 Cft. @ Rs. 3656.23 Per %0 Cft. Rs. Say Qty.

> 9,129,000 /= Total Rs.

52638 Cft.

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

CONSTRUCTION OF ROAD

VILLAGE SAHIB SINGH SHAHANI

TALUKA SHUJAABAD

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

MEASUREMENT CUM ABSTRACT SHEET

| MEASUREMENT COM ABSTRAC | JI SHEET |
|---|--|
| SNO ITEM OF WORKS RAT | E 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 = Abutment Wall = 1 x 2 x 30.25 x 2.88 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 1.75 = | 348 Cft. 73 Cft. |
| Total Qty = Qty. 1056 Cft. @ Rs 3176.25 Per %0 Cft. | |
| Qty. 1056 Cft. @ Rs 3176.25 Per %0 Cft. 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: Part - = item 4 (b) Page 17 | Rs. 3,354 <i>[</i> = |
| Abutment Wall = 1 x 2 x 30.25 x 2.88 x 1.00 = Bed = 1 x 1 x 30.25 x 2.25 x 0.50 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 0.75 = | 174 Cft. 34 Cft. 31 Cft. |
| Total Qty = Qty. 239 Cft. @ Rs 9416.28 Per % Cft. | 239 CfL |
| 3 PUCCA BRICK WORK RATIO 1:4 Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4 | Rs. 22,505 /≈ |
| Schodule 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 = Wing Wall = 1 x 4 x 4.00 x 1.88 x 1.00 = Abutment Wall = 1 x 2 x 30.25 x 1.50 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 1.50 x 2.00 = Abutment Wall = 1 x 2 x 30.25 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 0.75 x 1.16 = | 114 Cft. 30 // 182 // 48 // 68 // 18 // |
| Total Qty = Qty. 474 Cft. @ Rs 12501.41 Per % Cft. | 474 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 Side of Slab = 1 x 2 x 30.25 x 0.62 x 0.67 Parapet Wall = 1 x 2 x 5.25 x 0.50 + 1.12 x 1.12 | |
| W/W (Coping) = $1 \times 4 \times 4.00 \times 0.75 \times 0.25$ | = 3 // |
| Oty. 72 Cft. @ Rs 14429.25 Per % Cft. | = 72 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 the = 565.67 lbs

Total in lbs = 565.67 lbs Total in Cwt. = 5.05 Cwt

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt. R.C.C. WORK. RATIO 1:2:4

Rs. 24,342 /=

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 = $1 \times 1 \times 30.25 \times 4.00 \times 0.66 = 80$ Cft.

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

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

Schodule of Rate Vol: III Part - II = Item 9 Page 47

Bed Flooring = 1 x 30.25 x 2.25 \Rightarrow . 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: Ili 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 0.50 + 1.12 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 /=

INVITATION FOR BIDS Date: 03-12-2011 Bid Reference No.: 1527

| 1. The Executive Engineer Land 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 Fight " 4:11 notes.") nly in the form of (pay order / demand draft / bank |
| guarantee) and must be delivered to office of Executive Engineer, L |
| 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 Tro L. of 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 (** | L. 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 |
| Brief Description of Works |
| *************************************** |
| (a) Executive Engineer Provincial Highway Division Mirpurkhas Address: |
| (b) Engineer's address: |
| Executive Engineer Highway Division Mirpurkhas Office Phone No 122 |
| 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 |

SCHEDULE - F TO BID

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

(EOD CONTRACTS WORTH BS 10 00 MILLION OF MORE)

| (FOR CONTRACTS & | KTITIKS, 10.00 MIDDIOTY OR MOTES | |
|--|--|-------|
| Contract No | Dated | |
| Contract Value: | · | |
| Contract Title: | | • |
| induced the procurement from Government of Si | [name of Contractor] hereby declares that it has not obtain any contract, right, interest, privilege or other obligation or bein (GoS) or any administrative subdivision or agency thereof or a by it (GoS) through any corrupt business practice. | nefit |

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 time 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 & ADP 1568 COHA Koraf Villy C Soudeof Krumm ladaules
4. C. Hingarna Smaller Mile 0-0-4 (O. Kaus)

N.I.T No Date:

NIT No TC/G-55/374/, Dated:24/01/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount

Rs. 3000/-

EXECUTIVE ENGINEER

INCLUDE: HIGHWAY DIVISION

MIRPURKHAS

FORM OF BID (LETTER OF OFFER)

| Date: | e No. | | | | | • | |
|--|--|---|---|--------------------------------------|---|--|--|
| (Name of Wo | rks) | ••••••••••••••••••••••••••••••••••••••• | *********** | ••••• | ••••••• | •••••• | ••••• |
| Executive En | - | n | | | | er. | |
| Gentlemen, 1 Having exa | | | | | | | |
| Data, Conditi Schedule of | | | | | | | |
| execution of ti business | | | | | ed, being | | |
| • | | | | | | - | peing duly |
| incorporated u works and rem Addenda Rs may be ascerta 2. We understa 3. As security f submit_herewit | thereto thereto (Rupained in account that all the for due perform a Bid Se | for pees ordance with ne Schedules ormance of the | in conform the the said D s attached he underta | Total Couments hereto for kings and | e said De Bid) or s. rm part o | ocuments Price such other of this Bid ions of th | s including ee of er sum as f. his Bid, we |
| dated: | | _ | | | | drawn | Amount |
| favour or made | payable to | | d for a per | | | | i in your ys beyond |
| We undertak complete the V Data. | | | | | | | |
| 5. 'We agree to receiving the sa | ame and it s | hall remain | binding up | | | | |

| 5. We agree to abid | e by this Bi | id for the per | iod of | days fr | om the da | ate fixed | l fo |
|--------------------------|---------------------------------------|---|--------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------|
| receiving the same | and it shall | remain bind | ling upon us | and may | he acce | nted at | an. |
| time before the expir | ration of tha | it period. | 0 1 222 a.c | | DC 0000 | picu ai | an |
| 6. Unless and until | | | prepared and | d execute | d this Bi | id togot | tha |
| with your written acc | eptance the | ereof, shall co | onstitute a bi | nding cor | itract betw | ween us | e |
| 7 146 | | | | | | | |
| 7 We undertake, if o | ur Bid is ac | cepted, to ex | recute the Pe | erformand | e Securit | у | |
| referred to in Condition | ons of Cont | ract for the d | lue performa | nce of the | : Contract | t. | |
| 8. We understand th | at you are | not bound t | to accept the | e lowest o | or any bio | d you m | ıay |
| receive. | | | | | | | |
| 9. We do hereby de- | clare that the | he Bid is ma | ade without a | any collus | sion, com | parison | of |
| figures or arrangemen | nt with any | other person | or persons i | making a | bid for the | e Works | ·• |
| Dated this | day | y of | , 20 | | | | |
| Signature | | • | | | | | |
| in the capacity of | | duly auth | orized to sig | gn bid fo | rand on | behalf | of |
| (Name of Bidder in Bl | ock Capital: | s) | | | | | |
| (Seal) | | | • | | | | |
| Address | | • | | | | | |
| | | | | | • | | |
| ~_ | | | | | | | - |
| | | | | | | | |
| - | | , <u>, , , , , , , , , , , , , , , , , , </u> | | | · · · · · · · · · · · · · · · · · · · | | - |
| | · · · · · · · · · · · · · · · · · · · | | | | | • | |
| | | | | | | | - |
| Witness: | | | | | | | |
| Signature) | | | | | | 2 | |
| Name: | | | | | 13 | | |
| Adcress: | | | | . = | | w | - |
| | | | <u> </u> | · · · · · · · · · · · · · · · · · · · | | · · · · · · · · · · · · · · · · · · · | _ |
| | | | <u> </u> | | | | |
| • | | | | | | | |

DETAILED WORKING ESTIMATE FOR

CONSTRUCTION OF ROAD

VILLAGE SANDEEP KUMAR LACHMAN DAS

UC HINGHORNO TALUKA SINDHRI

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

MEASUREMENT CUM ABSTRACT SHEET

| S.No | Item of | work. | | Quantity | Rat | e | Unit | • | Amo | uni |
|--------|--|---|--|--|--|---------------------------------------|---------------|--|------|------------|
| •1 | including proportion of Miles a exceptrock Sch. of Rate MILE: 0/0 | rk for roa bloughing, a g with optime and lift up and and and and and and and and and and | mixing, clo num moistu to 5.0 ft. work is VI, item No. KM) | d breaking re content in all ty done by 3 (ii-C), Pag | g, dress . Lead to pes of other to ge No. 1& | ing, ipto soil han z | | | | |
| | | As Per E | arth Work S | Statement | (Attache | d) | 2029 | 00 Cft | | |
| | Say Qty. | 202900 C | ft. @ Rs. | 3656.23 | Per %0 | Cft. | Rs. | 741, | 849 |] = |
| Villag | | 0.1667 x | | 3 (il-a), Pag 14.00 X 14.00 X | ge No. 1& 1.0 x 1.0 x | 1.03 1.03 | = = Rs. | 38069 -12690 50759 314 , | Cft. | . . |
| 2 | Preparing spreading approved thickness i/c hand p non plastifrom approachieve specificati labours ar | E COURSE Sub Bas stone m quality fro (6" in 2 laye acking, fillin c quarry fine roved source 98-100% de on. (Rate on carriage e, vol-fil Part | se Course etal of 2' m approve ers) to prop g voids wit es of appro ce, waterin ensity as l/cs all co upto site of | "-11/2" in ded quarry per cambe in 10 cft so eved quality and coper modification of ma work. | guage In required and grader and guand guand guand guand guand guand guand guand and guand | of illed ade, and rage by to SHO T&P, | | | | |
| | | | 5280 x | | | |)3 = | 16315 | Çft. | |
| Villag | je Appr | | 5280 x | | 0.50 | x 1.0 | | 5438 | | _ |
| | Say Qty. | 21753 | Cft. @ Rs. | 9775.08 | Per % | Cft. | = Rs. | 21753 2,126 | | |

3 BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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. 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:-

Village Appr

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 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)

Village Appr 0.5000 x 5280 x 12.00 x 1.03 = 32630 Sft. = 10877 Sft. = 43507 Sft.

Say Qty. 43507 Sft. @ Rs. 2179.60 Per % Sft. Rs. 948,279 / =

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-ill Part - VI, item No.1 (2), Page No. 1

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

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

85

Berms 2 x 0.6667 x 5280 8 + 10 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 B.edg. 2 x 0.6667 x 5280 x 0.375 x 0.75 x 1.03 = 2033 Cft.

Ded 4% Slop 2 x 0.6667 x 5280 x 8 x 0 + 0.32 x 1.03 = 9282 Cft. = 53940 Cft.

Say Oty 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 HINGHORNO TALUKA SINDHRI

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

MEASUREMENT CUM ABSTRACT SHEET

| | <u> 1V1</u> | CASUKEN | | | | | | | |
|-----|--|--|---|---|---------------------------------------|--|-----------------------|-----------------------------------|------------|
| S.N | O ITE | M OF V | VORK | <u>s</u>] | RATE | UNIT | | <u>AMOUN</u> | |
| 1 | EXCAVATION Excavation in f and other str dressing, refil excavated eart upto 5.00 ft. (In Schedule of Rate | oundation of ructures inc ling around h, watering Ordinary soil Vol: III Part - I | cluding da i structur and ramm i) i = item 18 (i | igbelling re with ling.lead b) Page 48 | | 635 | Cf | | |
| | Trench Abutment Wall Wing Wall | = 1 x 1 x = 1 x 2 x = 1 x 4 x | 30.25 x | 2.88 x 2 2.62 x | 2.00° = 1.75 <u>=</u> | 348 73 | Cf Cf | t. <u>t.</u> | |
| | | | | Total Q | • | 1056 | | | |
| | Qty. 1056 | Cft. @ Rs | 3176.25 | Per %0 Cf | t. | R | ks. | 3,354 | <i>]</i> = |
| 2 | CEMENT CO Cement Concre to 2" gauge. Ra Schedule of Rate | ete brick or s tio 1:4:8 | stone balla | st 1 1/2" | | | | | |
| | Abutment Wall Bed Wing Wall | = 1 x 1 x | | | | 174 34 31 239 | Cf Cf | t. t. | |
| | | | | | | | | | ' _ |
| | Qty. 239 | Cft. @ Rs | 9416.28 | Per % Cit. | • | 7 | ₹s. | 22,505 | <i>i</i> – |
| 3 | PUCCA BRIG Pucca brick we cement sand m Schedule of Rate Abutment Wall Wing Wall Abutment Wall Wing Wall Wing Wall Wing Wall Wing Wall | ork in found ortar Ratio 1 Vol: III Part - = 1 x 2 x = 1 x 4 x = 1 x 2 x = 1 x 4 x | ation and :4 10 = Ifem 4 () 30.25 x 1 4.00 x 1 30.25 x 1 4.00 x 1 4.00 x 1 4.00 x 1 | plinth in .c.) Page 2 .88 x 1. .88 x 1. .50 x 2. .50 x 2. .12 x 1. .12 x 1. .75 x 1. Total Qty | 00 = 00 = 00 = 00 = 00 = 00 = 00 = 00 | 114 30 182 48 68 18 14 | Cft. // // // // Cft. | 59,257 | |
| | | | | | | | | | |
| 4 | CEMENT CC Cement cond compacting, fi (including screening) | rete plain nishing and eening and | including curing, washing | complete of stone | | | ٠. | | |
| | Schedule of Rate | Vol: III Part - | II ≃ item 5 (| f) Page 18 | | | | | |
| - | Bed Plate Side of Slab Parapet Wall W/W (Coping) | | 30,25 x (5,25 x _ | 0.62 x 0 0.50 + 1.1 2 |).50).67 2 x 1.12).25 | = = | 2 | 34 Cft. 25 // 10 // 3 // | |
| | | | | | | = . | 7 | 72 Cft. | • |
| | Qty. 72 | Cft. @ Rs | 14429.25 | Per % Cff | t. | ! | Rs. | 10,389 | <i>I</i> = |

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 (bs = 565.67 lbs
Total in Cwt. = 5.05 Cwt

Qty. 5.95 Cwt. @ Rs 4820.20 Per Cwt.

Rs. 24,342 /=

26,960 /=

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 = $1 \times 1 \times 30.25 \times 4.00 \times 0.66 = 80$ Cft.

Qty. 80 Cft. @ Rs 337.00 Per Cft. Rs.

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

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

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

(sides) = 1 x 2 x 2 x 0.50 + 1.12 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 Sft. 182 67 HH12 Sft. 261 6,119 /= Rs. Qty. 261 Sft. @ Rs 2344.59 Per % Sft.

157,377 /=

Rs.

INVITATION FOR BIDS Date: 03-12-2011 Bid Reference No.: 1527

| 1. The Executive E | Ingineer | i da High | way Division M | lirpurkha | as, inv | ites sealed |
|---|----------------|-----------------|-------------------|-----------|---------|-------------|
| bids from interested firms | | | | | | |
| appropriate category (not | | | | | | |
| pre-qualified (if pre-qualif | fication is de | one for speci | fic scheme/pro | iect) wit | h the | Executive |
| Engineer | | | | | | Works," |
| *************************************** | | | | 101 | | 11 01 1,39 |
| | | | | | | |
| 2. A complete set o | f Bidding Do | ocuments ma | v be nurchased | by an in | tereste | rd eligible |
| bidder on submission of a | | | | | | |
| of a non-refundable fee o | | | | | | |
| Bidding Documents from | | | | | | |
| Division Mirpurkhas, at | ine onice | OI THE LA | cative Eligine | ei riovi | neiai | Highway |
| Markings, tt | | | | | | |
| 3. All bids must be | accompanie | d hv a Rid S | ecurity in the a | mounto | f Da | 21 |
| (Rupees Tight - Lind - | | | | | | |
| | | | | | | |
| guarantee) and must be d | | | | | | |
| at or before on | | | | | | |
| the presence of bidders'repr | esentatives | who choose t | to attend, at the | same ac | idress | [indicate |
| the address if it differs]. | | | | | | |
| | | | | | | |
| Note: 1. Executive Enginee | | Highway Di | vision Mirpurkl | has to en | ter the | |
| equisite information in blan | k spaces. | | | | | |
| 2. The bid shall be opened w | ithin one ho | our after the d | eadline for sub | mission (| of bids | s.] |

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 Governmen | t of Si | лdh | has ap | pro | ved | the | scheme | for |
|---|----------|------|--------|------|------|------|----------|-----|
| *************************************** | Road | to. | which | ı is | to 1 | be e | executed | by |
| the Executive Engineer 🚾 🐍 🧬 highways Di | vision I | Mirr | ourkha | s. | | | | |

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 Engineer 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.)

| Cla | 1186 | Ref | fara | n ca |
|--------|------|-----|------|------|
| T. III | 1135 | 1.4 | | |

| | ctions to Bidders e Reference |
|---|---|
| LÌ | Name of Executive Engineer |
| Brief 1 | 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. |
| | (a) A detailed description of the Works essential technical and performance eristics. |
| be limi other in | (b) Complete set of technical information, description data, literature and drawings as d in accordance with Schedule B to Bid, Specific Works Data. This will include but not ted to a sufficient number of drawings, photographs, catalogues, illustrations and such a sufficient number to illustrate clearly the significant characteristics such as construction dimensions and other relevant information about the works to be need. |
| 14.1 Pe 14.4 No 14.6 (a) 15.1 16.1 Ve Venue: Time: 16.4 Re | mount of Bid Security 02% of Estimate cost priod of Bid Validity 90-Days Imber of Copies of the Bid to be submitted: 02 original copy. Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission Deadline for Submission of Bids Time: pm on enue, Time, and Date of Bid Opening office of Executive Engineer Provincial Highway Division Mirpurkhas pm Date: esponsiveness of Bids is valid till required period, 60-Days |

Sindh Public Procurement Regulatory Authority www.pprasindh.gov.pk

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

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

| Contract No | |
|---|---|
| Contract Value: | · |
| Contract Title: | ••••••••••••••••••••••••••••••••••••••• |
| | |
| induced the procurement of any from Government of Sindh (Go | . [name of Contractor] hereby declares that it has not obtained or contract, right, interest, privilege or other obligation or benefit S) or any administrative subdivision or agency thereof or any other (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 time 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

UHIGHWAY 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) ASP 1568 Coff & Road from Wal Mhud Ruid to Ville Sycal Ghi Miles 21 Show Dok: Kak Miles of & 50180)

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 Referend Cate: | ce No. | | | | | • | |
|-----------------------|-----------------------------|----------------|--------------------|--------------|-----------|------------|--|
| (Name of W To: | orks) | | ••••• | •••••••••• | | | ······································ |
| Executive E | ingineer, ighway Divisio | on . | | | | | |
| Data, Cond | ramined the B | ntract, Cor | ntract Dat | a, Spęcifi | ications, | Drawin | gs, if any |
| | f Prices and | | | | | | |
| business | the above-na under | the | s, we, the name | | | and | ipany doing address |
| | | | | _ | | and | being duk |
| | under the law | ws of Pakis | tan hereby | offer to | execute | and con | nplete such |
| Addenda | thereto | for | the | Total | Bid | Pri | _ |
| Rs | (Ru | pees | | |) or | such oth | her sum as |
| • | rtained in acco | | | | | | |
| 2. We unders | tand that all ti | he Schedule | es attached | d hereto fo | rm part | of this Bi | d. |
| 3. As security | for due perfe | ormance of | the undert | akings an | d obliga | tions of t | his Bid, we |
| submit herev | vith a Bid Se | ecurity in the | ne shape | of call de | eposit N | lo | |
| dated: | | | | | | | Amount |
| · . | B | ank | | | | draw | n in your |
| favour or mad | de payable to | you and va | lid for a pe | riod of two | enty eigl | nt (28) da | ays beyond |
| the period of | validity of Bid. | | | | | | |
| 4. We undert | ake, if our Bi | d is accepte | ed, to com | mence the | e Works | and to | deliver and |
| complete the | Works comp | rised in the | Contract | within the | e time(s) | stated i | in Contract |
| Data. | • | | | | | | • |
| 5. We agree t | | • | | | | | |
| receiving the | | - | _ | 4 | _ | be accep | ted at any |
| time before th | e evniration o | f that nario | . | | | 4 | |

| 5. We agree to abide b | y this Bid f | for the po | eriod of | | davs fro | m the d | ate fixed fo |
|--------------------------------|---------------|---------------|---|---------------|---------------|--|-----------------------|
| receiving the same and | l it shall re | main bir | nding up | on us a | nd mav | be acce | ented at ar |
| time before the expiration | on of that p | eriod. | - , | | , | | rptod dt di |
| 6. Unless and until a fo | rmal Agre | ement is | prepar | ed and | executed | d this B | lid togethe |
| with your written accepta | ance there | of, shall | constitu | te a binc | ling cont | ract bet | ween us. |
| 7 We undertake, if our I | 3id is acce | pted, to | execute | the Perf | ormance | e Securi | tv |
| referred to in Conditions | of Contrac | ct for the | due per | formano | e of the | Contrac | ot. |
| 8. We understand that receive. | you are no | ot bound | to acce | ept the i | owest o | r any bi | id you may |
| 9. We do hereby declar | e that the | Bid is n | nade wi | thout an | v collus | ion con | nnarieon o |
| figures or arrangement w | vith any oth | ner perso | n or per | sons m | aking a h | aid for th | ipanson o ie Morke |
| Dated this | day o | f | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | . 20 | | //G 101 (I) | e vvoiks. |
| Signature | | | | _, | | | |
| in the capacity of | | _duly au | thorized | to sign | bid for | and or | ı behalf ol |
| (Name of Bidder in Block | Capitals) | - | - | | | | |
| (Seal) | | | | | | | |
| Address | | | | | | | |
| | <u>.</u> | | | 7 | | <u>. </u> | |
| <u> </u> | - | | | | | | |
| | | | | | | | |
| | | | | | , · | | |
| Witness: | | • | | | | | |
| (Signature) | | | | | | | |
| Varne: | <u>,</u> | | | | | ٠.٠ | |
| Address: | | | | | . | | |
| | | | - | <u>.</u> | - | | , , |
| | | | | . | | | |
| - | | • | | | | | |

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

Amount. Unit. Quantity Rate S.No Item of work. 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 exceptrock(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 ORDINORY As Per Earth Work Statement (Attached) 205300 Cft 750,624 /= Say Qty. 205300 Cft. @ Rs. 3656.23 Per %0 Cft. Rs. (b) COMPACTION 95-100% DENSITY ORDINORY Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2 $0.5000 \times 5280 \times 14.00 \times 1.0 \times 1.03 =$ 38069 Cft. 0.1667 x 5280 x 14.00 x 1.0 x 1.03 12690 Cft. Village Appr 50759 Cft. 314,207 /= 50759 Cft. @ Rs. 6190.17 Per %0 Cft. Rs. Say Qty. 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 $0.5000 \times 5280 \times 12.00 \times 0.50 \times 1.03 =$ 16315 Cft. 5438 Cft. 0.1667 x 5280 x 12.00 x 0.50 x Village Appr 21753 Cft. 1,883,292 /= 21753 Cft. @ Rs. 8657.62 Per % Cft. Rs.

BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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. 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:-

Village Appr

Village Appr

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. 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-ill 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 /=

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-ili 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. 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-Ill 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 = $\frac{9282}{53940}$ 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

WALL MOHAMMO RIND TO VILLAGE SYED

GHULAM MURTAZA SHAH DEH: KAK

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

MEASUREMENT CUM ABSTRACT SHEET

| | MEASUREMENT CUM ABSTRACT ST | |
|-----|---|---|
| S.N | O 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: Ill Part - II = Item 18 (b) Page 485 | |
| | Trench = 1 x 1 x 30.25 x 7.00 x 3.00 = Abutment Wall = 1 x 2 x 30.25 x 2.88 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 1.75 = | 635 Cft. 348 Cft. 73 Cft. |
| | Total Qty = | Rs. 3,354 /= |
| | Qty. 1056 Cft. @ Rs 3176.25 Per %0 Cft. | KS. 0,007 (** |
| 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; Ill Part - II = Item 4 (b) Page 17 | |
| | Abutment Wall = 1 x 2 x 30.25 x 2.88 x 1.00 = Bed = 1 x 1 x 30.25 x 2.25 x 0.50 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 0.75 = Total Qty = | 174 Cft. 34 Cft. 31 Cft. 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 | v |
| | Schedule of Rate Vol: III Part - II = item 4 (i-c) Page 24 | 05 |
| | Abutment Wall = 1 x 2 x 30.25 x 1.88 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.88 x 1.00 = Abutment Wall = 1 x 2 x 30.25 x 1.50 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 1.50 x 2.00 = Abutment Wall = 1 x 2 x 30.25 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 0.75 x 1.16 = | 114 Cft. 30 // 182 // 48 // 68 // 18 // 14 // |
| | Total Qty = | 474 Cft. Rs. 59,257 /= |
| | Qty. 474 Cft. @ Rs 12501.41 Per % Cft. | 1(3, 04)=2. |
| 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; Ill Part - II = item 5 (f) Page 18 | |
| | Bed Plate = 1 x 2 x 30.25 x 1.12 x 0.50 Side of Slab = 1 x 2 x 30.25 x 0.62 x 0.67 Parapet Wall = 1 x 2 x 5.25 x 0.50 + 1.12 x 1.12 | = 34 Cft. = 25 // = 10 // |
| | W/W (Coping) = $1 \times 4 \times 4.00 \times 0.75 \times 0.25$ | = 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: Ilt Part - Ij = item 7 (ii- a) Page 20

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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

24,342 /=

Qty. 5.05 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

beams, columns rafts, fintels 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: (II Part - II = Item 6 - a (i) Page 18 & 19

Slab = $1 \times 1 \times 30.25 \times 4.00 \times 0.66 = 80$ 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 = $1 \times 30.25 \times 2.25$ = 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 0.50 + 1.12 x 1.12 = 4 //

Total Qty = 28 Sft.

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

Rs. 876 /=

9 CEMENT PLASTER RATIO 1.9 Cement Plaster 1:3 upto 20.0' height. 1/2" thick. Schedule of Rate Vol: III Part - II = item 10 (b) Page 58 Sft. Abutment Wall = 1 x 2 x 30.25 x 3.00 = Wing Wall = 1 x 4 x 4.00 x 4.16 = (sides) = 1 x 4 x 0.75 x 4.16 = 182 67 II# 12 261 Sft. 6,119 /= Rs. Sft. @ Rs 2344.59 Per % Sft. 157,377 /= Qly. 261 Rs. Total

INVITATION FOR BIDS Date: 03-12-2011 Bid Reference No.: 1527

| 1. The Executive E | Ingineer | i da Highv | vay Division N | Airpurkhas, | invites sealed |
|---|---|----------------|-----------------|---------------|-----------------|
| bids from interested firms | or persons | licensed by t | he Pakistan Ei | ngineering (| Council in the |
| appropriate category (not | required for | works costi | ng Rs 2.5 mil | llion or less | s) and/or duly |
| pre-qualified (if pre-qualit | fication is de | one for speci | fic scheme/pro | oject) with | the Executive |
| Engineer | Highway | Division | Mirpurkhas | for th | ne Works," |
| *************************************** | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ••••• | | | |
| | | | | | |
| 2. A complete set o | of Bidding Do | ocuments ma | y be purchased | d by an inte | rested eligible |
| bidder on submission of a | written appl | ication to the | office given | below and i | upon payment |
| of a non-refundable fee o | of Rupees 3 | 000/- (Three | Thousand). I | Bidders ma | y acquire the |
| Bidding Documents from | the Office | of the Exc | ecutive Engin | eer Provinc | cial Highway |
| Division Mirpurkhas, at | | | | | |
| | | | | | |
| 3. All bids must be | ассотрапіє: | ed by a Bid S | Security in the | amount of | Rs |
| (Rupees Tight in Jeet) | notali () nij | y in the forn | n.of (pay orde | er / demand | l draft / bank |
| guarantee) and must be o | delivered to | office of E | xecutive Engi | neer, L | وأندا لأستيش |
| at or before on | . . | Bids will be o | pened at 2.00 | pm on the | day in |
| the presence of bidders'rep | | | | | |
| the address if it differs]. | | | , | | - |
| <u>-</u> - | | | | | |
| Note: 1. Executive Engine | er Provincia | l Highway D | ivision Mirpur | khas to ente | er the |
| requisite information in bla | ink spaces. | | · | | |
| 2. The bid shall be opened | • | our after the | deadline for su | ıbmission o | f 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 Wor | ks & Servi | ces Depart | ment Gove | ernment | of Sind | h has | appro | ved | the s | cheme | for |
|-----------|-------------|------------|-----------|----------|---------|--------|--------|------|-------|--------|-----|
| , | *********** | ••••• | | | Road to | o. whi | ich is | to b | е ех | ecuted | Ьу |
| the Execu | ıtive Engin | eerimo : | i highwa | ays Divi | sion Mi | rpurkl | has. | | | | |

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 & La 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 |
| Brief Description of Works |
| *************************************** |
| (a) Executive Engineer Provincial Highway Division Mirpurkhas Address: |
| (b) Engineer's address: |
| Executive Engineer Highway Division Mirpurkhas Office Phone No |
| Office Phone No 1. 32 |
| 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 |

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

DO TO OUT THE TONION MODEL

| (FOR CONTRACTS WORTH | KS. 10.00 MILLION OR MORE |
|---|---|
| Contract No | |
| Contract Value: | <u> </u> |
| Contract Title: | |
| induced the procurement of any from Government of Sindh (Go | . [name of Contractor] hereby declares that it has not obtained or contract, right, interest, privilege or other obligation or benefit S) or any administrative subdivision or agency thereof or any other (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 time 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) AD 1558 CHI Road Gobal form to Seth Mchandas 4. c. Malda Samu Jalka. Shyalan Mileo-o-of4 (0.80 Kem)

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 Referer Date: | ice No. | | | | | | |
|----------------------------|-------------------|---------------------------------------|---------------------------------------|--------------|-------------|--------------|---------------------------------------|
| (Name of W | Vorks) | ••••••• | ************ | •••••• | *********** | ,,,,,,,,,, | |
| Executive E Mirpurkhas. | lighway Divisio | on | | | | * | |
| Gentlemen, | | | | | | | |
| 1. Having ex | xamined the B | lidding Doc | uments incl | uding Inst | ructions t | o Bidder | s. Biddina |
| Data, Cond | litions of Co | ntract, Co | ntract Data | ı, Spęcific | cations, i | Drawing: | s, if any |
| Schedule o | of Prices and | d Addenda | Nos. | | | <u>.</u> | for the |
| execution of | the above-na | amed work | s, we, the ι | ındersigne | ed, being | a comp | - any doing |
| business | under | the | name | of | | nd | address |
| | | - | · · · · · · · · · · · · · · · · · · · | _ | | | |
| | · | · · · · · · · · · · · · · · · · · · · | - | | | and be | eing duly |
| | under the lav | | | | | | |
| works and re | medy any def | ects thereir | n in conform | ity with the | e said Do | cuments | including |
| Addenda | thereto | for | the | Total | Bid | Price | of |
| Rs | (Ru | pees | | |) or s | uch othe | r sum as |
| may be ascer | rtained in acco | ordance wit | h the said D | ocuments | s. | | |
| 2. We unders | stand that all th | ne Schedul | es attached | hereto for | m part of | this Bid. | |
| 3. As security | y for due perfo | ormance of | the underta | kings and | l obligatio | ns of this | s Bid, we |
| | vith a Bid Se | | | | | | |
| | | | | | | | Amount |
| | Ba | ank | | | | drawn | in your |
| | de payable to | | | | | | - |
| the period of v | | | · · | | ,. | (yy | , , , , , , , , , , , , , , , , , , , |
| 4. We underta | ake, if our Bio | l is accepte | ed, to comm | nence the | Works at | nd to de | liver and |
| complete the Data. | | | | | | | |
| 5. We agree t | o abide by thi | s Bid for th | e period of | d: | avs from | the date | fixed for |
| receiving the | | | | | | | |
| | o ovniration of | | | | | accepte | u ut any |

| 5. We agree to | abide by this Bid for the period o | of | davs fro | om the d | ata fivo | d for |
|--------------------|---------------------------------------|-----------------|------------------------|---------------|--------------|------------|
| 130ctving the \$8 | me and it shall remain binding i | upon us | and may | he acce | ate lixe | u ioi |
| time before the | expiration of that period. | | and may | | pieu ai | any |
| 6. Unless and ι | ntil a formal Agreement is prepa | ared and | execute | d thie R | id toac | سد ما ه |
| with your written | acceptance thereof, shall constit | tute a bir | nding con | tract bety | ween us | mer S. |
| 7. We undertake | , if our Bid is accepted, to execut | te the Pa | rformono | - C | | |
| referred to in Co | nditions of Contract for the due p | erformar | nomiano | e Securit | y • | |
| 8. We understar | d that you are not bound to ac | cent the | lowest s | Contract | [, | |
| receive. | | oopt the | iowesi 0 | r any bio | ı you n | าลy |
| 9. We do hereby | declare that the Bid is made v | without a | ny collus | ion | | _ |
| figures or arrange | ement with any other person or pe | ersons n | ny conus Jakina a k | id for the | parison | of |
| Dated this | day of | . 20 | aking a t | na ior the | 3 VVOIKS | . . |
| Signature | | , 20 | | | | |
| | fduly authorize | ed to sig | n bid for | and on | behalf | of |
| (Name of Bidder i | n Block Capitals) | | | | | |
| (Seal) | , , | | • | | | |
| Address | | | | | | |
| <u> </u> | <u> </u> | | | | | |
| _ | | | | <u> </u> | | - |
| <u> </u> | | | | | | |
| - | · · · · · · · · · · · · · · · · · · · | <u> </u> | | | | - |
| | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | _ ,, | | | - | • |
| Witness: | | | | | | |
| (Signature) | · | | | | | |
| Name: | | | | ng. | | |
| Address: | | | | | _ | |
| | | | | | _ | - . |
| _ | | | | п | | |

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 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 exceptrock(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 Extra lead

As Per Earth Work Statement (Attached)

177200 Cft

Say Qty. 177200 Cft. @ Rs. 8681.23 Per %0 Cft.

Rs. 1,538,314 /=

(b) COMPACTION 95-100% DENSITY Extra Lead

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

38069 Cft.

Village Appr

0.5000 x 5280 x 14.00 x 1.0 x 1.03 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 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

 $0.5000 \times 5280 \times 12.00 \times 0.50 \times 1.03 = 16315 \text{ Cft.}$

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 /=

BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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-lil Part - VI, item No.2 (9), Page No. 4 MILE:- 0/0-0/4 (0.80 KM)

x 0.5000 x 5280 x 1.03 = 5438 Rft. Village Appr × 0.0744 x 5280 x 1.03 = 810 Rft. 6248 Rft.

Say Qty. 6248 Rft. @ Rs. 2729.96 Per % Rft. Rs. 170,568 /=

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)

 $0.5000 \times 5280 \times 12.00 \times 0.50 \times 1.03 =$ 16315 Cft. Village Appr 0.0744 x 5280 x 12.00 x 0.50 1.03 = х 2429 Cft.

18744 Cft.

18744 Cft. @ Rs. 10207.85 Per % Cft. Say Qty. Rs. 1,913,359 /= 5 2 COAT SURFACE TREATMENT:-

Providing surface dressing first coat on new or existing surface with 39 lbs Bitumon of 80/100 penetration and 6.75 cft of crush bajn 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. Sft. @ Rs. 2148.82 Per % Sft. 37487 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 = $\frac{7997 \text{ Cft.}}{6}$ = 46478 Cft.

Say Qty. 46478 Cft. @ Rs. 7233.37 Per %0 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

RATE UNIT

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

MEASUREMENT CUM ABSTRACT SHEET

ITEM OF WORKS

S.NO

| Ľ | 10 112 W 01 11 0 11 10 11 10 11 12 | Ditt. 1 Tanobiti |
|---|--|--|
| 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 = Abutment Wall = 1 x 2 x 30.25 x 2.88 x 2.00 = Wing Walt = 1 x 4 x 4.00 x 2.62 x 1.75 = | 635 Cft. 348 Cft. 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 Wail = 1 x 2 x 30.25 x 2.88 x 1.00 = Bed = 1 x 1 x 30.25 x 2.25 x 0.50 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 0.75 = | 174 Cft. 34 Cft. 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 cernent 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 1.66 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.88 x 1.00 = Abutment Wall = 1 x 2 x 30.25 x 1.50 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 1.50 x 2.00 = Abutment Wall = 1 x 2 x 30.25 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 0.75 x 1.16 = Total Qty = | 114 Cft. 30 // 182 // 48 // 68 // 18 // 14 // 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: Ill Part - II = item 5 (f) Page 18 | |
| | Bed Plate = 1 x 2 x 30.25 x 1.12 x 0.50 Side of Slab = 1 x 2 x 30.25 x 0.62 x 0.67 Parapet Wall = 1 x 2 x 5.25 x 0.50 + 1.12 x 1.12 | = 34 Cft. = 25 // = 10 // |
| | W/W (Coping) = $1 \times 4 \times 4.00 \times 0.75 \times 0.25$ | = 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: ili Part - ii = item 7 (il- 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 // 5.00 km 0.667 = 120.06 lbs

 Slab Main bars 1/2" dia (straight)
 = 1 x 1 x 80 x 4.67 x 0.667 = 249.19 // 5.00 km 0.167 = 120.06 lbs

 Slab Distt: bars 1/4" dia bars
 = 1 x 1 x 9 x 30.00 x 0.167 = 45.09 // 5.00 x 0.375 = 11.25 // 5.00 km 0.167 = 6.68 // 5.0

Total in lbs = 565.67 lbs Total in Cwt. = 5.05 Cwt

24,342 /=

Qty. 5.05 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 = $1 \times 1 \times 30.25 \times 4.00 \times 0.66 = 80 \text{ Cft.}$

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 - If = 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 cernent 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 0.50 + 1.12 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

| Wing Wall | = 1 x 2 x 30.25 x = 1 x 4 x 4.00 x = 1 x 4 x 0.75 x | 4.16 | = | 182 67 12 | Sft. # # |
|------------|---|------|---|-----------------|----------------|
| // (sides) | - I V - V OIL O. | | = | 261 | Sft. |

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

Rs. 6,119 /= Rs. 157,377 /=

Total

.

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," |
| Works," |
| |
| 2. A complete set of Bidding Documents may be asset be at the set of Bidding Documents |
| 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 Tight in Jan and I am and I am and I am and I bank |
| guarantee) and must be delivered to office of Executive Engineer, Language and |
| 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.] |
| of spends within one notification 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 |
|---|
| |
| the Executive Engineer Tro L. I 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 Francisco 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

| Claus | e Reference |
|---|---|
| 1.1 | Name of Executive Engineer |
| Brief | Description of Works |
| | |
| (a) | Executive Engineer Provincial Highway Division Mirpurkhas Address: |
| (b) | Engineer's address: |
| | Executive Engineer Free Carlo Highway Division Mirpurkhas Office Phone No Carlo Barrows |
| 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. charac | (a) A detailed description of the Works essential technical and performance teristics. |
| be lim other i | (b) Complete set of technical information, description data, literature and drawings as ed in accordance with Schedule B to Bid, Specific Works Data. This will include but not ited to a sufficient number of drawings, photographs, catalogues, illustrations and such information as is necessary to illustrate clearly the significant characteristics such as il construction dimensions and other relevant information about the works to be med. |
| 14.1 P. 14.4 N 14.6 (a 15.1 16.1 V Venue Time: 16.4 R | eriod of Bid Validity 90-Days Sumber of Copies of the Bid to be submitted: 02 original copy. Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission Deadline for Submission of Bids Time: pm on Yenue, Time, and Date of Bid Opening office of Executive Engineer Provincial Highway Division Mirpurkhas pm Date: esponsiveness of Bids is valid till required period, 60-Days |

Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk

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

| (FOR CONTRACTS | VORTH RS. 10.00 MILLION OR MORE) |
|------------------------------|--|
| Contract No | Dated |
| Contract Value: | · |
| Contract Title: | •••••••••••••••••••••••• |
| induced the procurement of S | [name of Contractor] hereby declares that it has not obtained or nt of any contract, right, interest, privilege or other obligation or benefit indh (GoS) or any administrative subdivision or agency thereof or any other lied 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 time 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 ID ADD ISSE COHO ROAd Villa Docum Herromand 4.c Martin

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
LIGHWAY DIVISION
MIRPURKHAS

FORM OF BID (LETTER OF OFFER)

| Bid Reference No. Date: | |
|--|-------|
| (Name of Works) | ••• |
| Executive Engineer, | |
| Mirpurkhas. | |
| Centlemen, | |
| 1 Having examined the Bidding Documents including Instructions to Bidders, Bi | ddine |
| Data, Conditions of Contract, Contract Data, Specifications, Drawings, if | |
| Cohodule of Disease and All I will | r the |
| execution of the above-named works, we, the undersigned, being a company | |
| husinoon | dress |
| | |
| 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 inclu | uding |
| Addenda thereto for the Total Bid Price | of |
| Rs(Rupees) or such other sur | n 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 Bio | l, we |
| submit herewith a Bid Security in the shape of call deposit No. | |
| dated: | ount |
| Bankdrawn in | your |
| favour or made payable to you and valid for a period of twenty eight (28) days bey | ond |
| 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 Con- | tract |
| Data. | |
| 5. We agree to abide by this Bid for the period of days from the date fixed | d 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 a | bide by this Bic | for the | period of | dovo 4 | · · | | |
|--|---------------------------------------|-------------|---------------------------------------|----------------|--------------------------|--------------|-------|
| receiving the san | ne and it shall | remain b | inding upon | yays r | rom the d | late fixed | d for |
| time before the ex | piration of that | period. | mang apon | us and ma | y be acce | epted at | any |
| 6. Unless and un | til a formal Agr | eement | is prepared | and avanua | ad 41: D | | _ |
| with your written a | cceptance ther | eof, shal | l constitute a | binding co. | ea, this B ntract bot | id, toge | her |
| | | | | | | | • |
| 7. We undertake, i | if our Bid is acc | epted, to | execute the | Performan | ce Securit | hv | |
| reletied to in Cond | utions of Contra | act for the | due perform | nance of the | e Contrae | 4 | |
| We understand receive. | that you are r | not boun | d to accept | the lowest | or any bi | d you m | ay |
| 9. We do hereby of | declare that the | e Bid is | made withou | if any collis | sion som | | |
| figures or arrangen | nent with any of | ther pers | on or person | s making a | hid for the | parison | of |
| Dated this | day | of | . 2 | 0a.a.ng a 0 | DIG 101 till | e vvorks | |
| Signature | | | | • | | • | |
| in the capacity of | <u> </u> | _duly au | thorized to | sign bid fo | r and on | behalf | of |
| (Name of Bidder in | Block Capitals) | | | | | | |
| (Seal) | , | | | · | | | |
| Address | | | • • • • | | | | |
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| _ | • | - | | | | | |
| Witness: | | | | | | | |
| (Signature) | · | | | | | | |
| Name: | · | | · · · · · · · · · · · · · · · · · · · | | * . .* | - | |
| Address; | <u> </u> | | | | | | |
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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. 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 exceptrock(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 ORDINORY 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 ORDINORY Sch. of Rate, vol-III Part - VI, item No.3 (ii-a), Page No. 1&2 $0.5000 \times 5280 \times 14.00 \times 1.0 \times 1.03 =$ 38069 Cft. Village Appr 0.1600 x 5280 x 14.00 x 1.0 x 1.03 <u>=</u> 12185 Cft. 50254 Cft. Say Qty. 50254 Cft. @ Rs. 6190.17 Per %0 Cft. Rs. 311,081 /= 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

 $0.5000 \times 5280 \times 12.00 \times 0.50 \times 1.03 =$ 16315 · Cft. Village Appr $0.1600 \times 5280 \times 12.00 \times 0.50 \times 1.03 =$

21537 Cft. 21537 Cft. @ Rs. 9169.79 Per % Cft. Say Qty. Rs. 1,974,898 /=

5222 Cft.

3 BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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)

Village Appr 2 x 0.5000 x 5280 x 1.03 = 5438 Rft. 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)

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. 10207.85 Per % Cft. Rs. 2,198,465 /=

5 2 COAT SURFACE TREATMENT:-

Providing surface drossing 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)

Village Appr 0.5000 x 5280 x 12.00 x 1.03 = 32630 Sft. 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 /=

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-lil 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 /=

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 Mites, 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 8 + 10 x 1.00 x 64612 Cft. 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 9189 Cft.

53404 Say Qty. 53404 Cft. @ Rs. 3656.23 Per %0 Cft. 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 |
|--------------------|-----|-----------------|-------|
| | | | |

| 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: (II Part - II = Itom 18 (b) Page 4&5 | |
| Trench = 1 x 1 x 30.25 x 7.00 x 3.00 = Abutment Wall = 1 x 2 x 30.25 x 2.88 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 1.75 = Total Qty = | 635 Cft. 348 Cft. 73 Cft. |
| Qty. 1056 Cft. @ Rs 3176.25 Per %0 Cft. | 1056 Cft. |
| 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 | .Rs. 3,354 /≃ |
| Abutment Wall = 1 x 2 x 30.25 x 2.88 x 1.00 = Bed = 1 x 1 x 30.25 x 2.25 x 0.50 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 0.75 = Total Qty = | 174 Cft. 34 Cft. 31 Cft. 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 = Wing Wall = 1 x 4 x 4.00 x 1.88 x 1.00 = Abutment Wall = 1 x 2 x 30.25 x 1.50 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 1.50 x 2.00 = Abutment Wall = 1 x 2 x 30.25 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 0.75 x 1.16 = Total Qty = Qty. 474 Cft. @ Rs 12501.41 Per % Cft. | 114 Cft. 30 // 182 // 48 // 68 // 18 // 14 // 474 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 Side of Slab = 1 x 2 x 30.25 x 0.62 x 0.67 Parapet Wall = 1 x 2 x 5.25 x 0.60 + 1.12 x 1.12 W/W (Coping) = 1 x 4 x 4.00 x 0.75 x 0.25 | = 34 Cft. = 25 // = 10 // |
| Qty. 72 Cft. @ Rs 14429.25 Per % Cft. | = 3 // = 72 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: ||| Part - || = item 7 (li- a) Page 20

```
Bed Plates 1/2" dia bars
                                  = 1 \times 2 \times 3 \times 30.00 \times 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 \times 1 \times 9 \times 30.00 \times 0.167 =
                                                                            45.09 //
Parapet Wall 3/8" dia bars
                                   = 1 \times 2 \times 3 \times 5.00 \times 0.375 =
                                                                            11.25 //
Parapet Wall 1/4" dia bars.
                                   = 1 \times 2 \times 4 \times 5.00 \times 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. 6 R.C.C. WORK. RATIO 1:2:4

Rs. 24,342 /=

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 = $1 \times 1 \times 30.25 \times 4.00 \times 0.66$ = 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 - It = item 9 Page 47

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

Qly. 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 0.50 + 1.12 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" lhick.

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 /=

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.N | IO ITE | MOF | WORI | K S | RATE | UNI | — Т А! | TNUON |
|-----|--|--|--|--|------------------|---|--------------------------------|------------------------------|
| 1 | | foundation of ructures in Iling aroun th, watering Ordinary so | cluding d id structo and rami il) | dagbelling ure with ming lead | <u>&5</u> | | | |
| | Trench A/Wall W/Wall Bed Bed | = 1 x 1 x = 1 x 2 x = 1 x 4 x = 1 x 1 x = 1 x 2 x | 25.50 x 10.00 x | 27.00 x 7.50 x 7.00 x 14.00 x 14.00 + 28 | 5.50 5.50 | = = = = = = = = = = = = = = = = = = = | 4131 2104 1540 0 0 | Cft. Cft. Cft. Cft. |
| | Qty. 7775 | Cft. @ Rs | 3176 25 | Por %0 C | ` # | | 7775 | Cft. |
| 2 | CEMENT CO Cement Concr to 2" gauge, Ra Schedule of Rate | ONCRETE ete brick or atio 1:4:8 | RATIO 1 stone ball | 1:4:8 ast 1 1/2" | , | | Rs. 24 | 4,695 /≃ |
| | Abutment Wall Wing Wall Bed | = 1 x 2 x = 1 x 4 x = 1 x 1 x | 10.00 x | 7.50 x 6.00 x 12.00 x | 1,50 | ======================================= | 574 360 230 | Cft. Cft. Cft. |
| | | | | Total (| Qty | = | 1164 | Cft. |
| | Qty. 1164 | Cft. @ Rs | 9416.28 | Per % Cf | t. | | Rs. 10 | 9,605 /= |
| 3 | PUCCA BRID Pucca brick w cement sand m | ork in found | dation and | | | | | |
| | Schedule of Rate | Vol: III Part - | = item 4 | (i-c) Page | <u>24</u> | | | |
| | Abutment Wall Abutment Wall Abutment Wall Abutment Wall | $= 1 \times 2 \times$ $= 1 \times 2 \times$ | 25.50 x 25.50 x | 5.00 x 2 | .00 .00 | ======================================= | 612 510 408 612 | Cft. // // |
| | Wing Wall | = 1 x 4 x | | 2 | | | | |
| | Wing Wall | $= 1 \times 4 \times$ | | | .00 .00 | = | 320 240 | H H |
| | Wing Wall | = 1 x 4 x | 10.00 x | 2.00 x 2 | .00 | = | 160 | // // |
| | Wing Wall | = 1 x 4 x | 10.00 x | 2.00 + 1.5 2 | <u>50</u> x 4.00 | = | 280 | # " |
| | Qty. 3142 | Cft. @ Rs | 12501.41 | Total Qt | | = | 3142 Rs. 39 | Cft. 2,794 /= |

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: ill Part - II = item 5 (f) Page 18

| Bed Plate | $= 1 \times 2 \times 25.50 \times$ | 2.00 x | 1.00 | · = | 102 Cft. |
|-----------------------------|---|--------|------|------------|----------|
| | $= 1 \times 2 \times 25.50 \times$ | | | = | 115 // |
| Side of Slab | $= 1 \times 2 \times 25.50 \times$ = 1 x 2 x 25.50 x | | 1.00 | - = | 64 // |
| Kerbing Wall | $= 2 \times 3 \times 1.00 \times$ | 0.50 x | 3.50 | = | 11 // |
| Railing Ver | $= 2 \times 4 \times 8.50 \times$ | 0.50 x | 0.50 | = | 17 // |
| Railing Hor Bed Flooring | $= 1 \times 2 \times 25.50 \times$ | | | = | 306 // |
| Bea Flooring | - 1 X Z X 20.00 X | | • | | 045.00 |
| | | | | = | 615 Cft. |

Qtv. 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

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

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 (1) Page 18 & 19

Slab = $1 \times 1 \times 25.50 \times 16.00 \times 1.50 = 612$ 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 | $= 1 \times 1 \times 2 \times 25.50 \times 1.00$ | = | 51 Sft. |
|--------------|--|----------|----------|
| Copping Wall | $= 1 \times 2 \times 2 \times 10.00 \times 0.50$ | = | 20 Sft. |
| Railing Base | $= 1 \times 1 \times 2 \times 25.50 \times 1.25$ | = | 64 Sft. |
| Kerbing | $= 1 \times 1 \times 2 \times 25.50 \times 1.00$ | = | 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 = $1 \times 1 \times 25.50 \times 5.00$ = 128 Sft. Wing Wall = $4 \times 1 \times 10.00 \times 5.00$ = 200 // = 328 Sft.

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

Total Rs. 1,079,632 /=

7,690 /=

INVITATION FOR BIDS Date: 03-12-2011 Bid Reference No.: 1527

| 1. The Executiv | e Engineer | i da, High | way Division N | Ai ro urk | has inv | ites seale |
|--|---------------------------------------|-----------------|-------------------|------------------|----------|----------------|
| bids from interested fir | ms or persons | licensed by | the Pakistan Er | gineeri | ing Cou | neil in th |
| appropriate category (r | not required fo | r works cost | ing Rs 2.5 mil | lion or | less) a | nd/or dul |
| pre-qualified (if pre-qu | alification is d | one for spec | ific scheme/nro | niect) w | ith the | Evacution |
| Engineer | Highway | Division | Mirourkhas | for | the | |
| *************************************** | | | ····· pwinius | 101 | | Works, |
| | | ************* | | | | |
| 2. A complete se | t of Bidding D | Ocuments ma | IV he nurchased | by an i | ntanast | والمائمة أمالم |
| bidder on submission of | f a written annl | lication to th | e office airen b | oy an i | miereste | a engible |
| of a non-refundable fee | e of Runees 3 | 000/- (Three | Thousand D | eiow ai | na upor | ı payment |
| Bidding Documents fro | on the Office | of the Fo | nousand). B | agers | may ac | quire the |
| Bidding Documents fro Division Mirpurkhas, at | out the Ottice | of the Ex | ecutive Engine | er Pro | vincial | Highway |
| orrision tempurknas, at | | | | | | |
| 3. All hids must | he accompania | d by a Did G | Samuella (1. 41 | | 4.5 | |
| 3. All bids must | · · · · · · · · · · · · · · · · · · · | a by a Biu s | security in the a | imount | of Ks. | |
| (Rupees Fight - January ha | | | | | | |
| guarantee) and must be | | | | | | |
| at or before (| | | | | | |
| he presence of bidders'r | epresentatives | who choose | to attend, at the | same a | address | [indicate |
| he address if it differs]. | | | | | | |
| • | | | | | | |
| Note: 1. Executive Engir | neer Provincial | Highway Di | vision Mirpurki | has to e | nter the | |
| equisite information in b | lank spaces. | | | | | |
| . The bid shall be opened | d within one ho | our after the o | leadline for sub | mission | of bids | s.] |
| | | | | | | |

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

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 in thighways 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 in Last 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 | e Reference |
|--|---|
| 1.1 | Name of Executive Engineer |
| Brief I | Description of Works |
| | |
| (a) | Executive Engineer Provincial Highway Division Mirpurkhas Address: |
| (b) | Engineer's address: |
| | Executive Engineer Highway Division Mirpurkhas Office Phone No Casara |
| 10.3 | Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees. |
| | 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. charact | (a) A detailed description of the Works essential technical and performance eristics. |
| be limi other is | (b) Complete set of technical information, description data, literature and drawings as d in accordance with Schedule B to Bid, Specific Works Data. This will include but not ted to a sufficient number of drawings, photographs, catalogues, illustrations and such information as is necessary to illustrate clearly the significant characteristics such as construction dimensions and other relevant information about the works to be need. |
| 14.1 Pe 14.4 No 14.6 (a) 15.1 16.1 Vo Venue: Time: _ 16.4 Re (i) Bid | mount of Bid Security 02% of Estimate cost eriod of Bid Validity 90-Days umber of Copies of the Bid to be submitted: 02 original copy. Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission Deadline for Submission of Bids Time: pm on enue, Time, and Date of Bid Opening office of Executive Engineer Provincial Highway Division Mirpurkhas pm Date: esponsiveness of Bids is valid till required period, 60-Days |
| Sindh | Public Procurement Regulatory Authority www.nnrasindh.gov.nk |

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

| (FOR CONTRACTS) | WORTH RS. 10.00 MILLION | (OK MOKE) |
|---|----------------------------------|---|
| Contract No | Dated | |
| Contract Value: | | • |
| Contract Title: | ••••• | |
| induced the procureme from Government of S | nt of any contract, right, inter | or] hereby declares that it has not obtained or est, privilege or other obligation or benefit tive subdivision or agency thereof or any other 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 time 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) ADP 1558 CALA VILLAGE Alph Bodiey Rahmoon 4.c Sihone Tranks & Sudhen Mile 0-0/04 8.80 KAMI,

N.I.T No Date:

NIT No TC/G-55/374/, 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 Date: | No. | | | · | | | |
|---|-----------------|--------------|---------------------------------------|-----------------|--------------|---------------|-------------|
| (Name of Wor To: | ·ks) | •••••• | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | | | | |
| Executive English light Mirpurkhas. | | | | | . * | | |
| Gentlemen, | | | | | | | |
| 1. Having exa | mined the Bid | dding Docu | ments incl | uding Instri | uctions to | Bidders, | Bidding |
| Data, Conditi | ons of Con | tract, Cont | tract Data | , Spęcifica | ations, Dr | awings, | if any, |
| Schedule of | Prices and | Addenda | Nos. | | | | for the |
| execution of t | he above-nai | med works | , we, the ι | ındersigne | d, being a | compan | ıy doing |
| business | under | the | | _ | and | | address |
| | | · . | | _ | | | |
| <u> </u> | | | | | <u> </u> | and bei | ng duly |
| incorporated t | | | | offer to e | xecute an | d comple | ete such |
| works and ren | nedy any defe | ects therein | in conform | nity with the | e said Doc | uments i | ncluding |
| Addenda | thereto | for | the | Total | Bid | Price | of |
| Rs | (Rui | | | |) or su | ch other | sum as |
| may be ascer | tained in acco | ordance wit | h the said l | Documents | 3. | | |
| 2. V/e unders | tand that all t | he Schedul | es attache | d hereto fo | rm part of | this Bid. | |
| Vve unders As security | for due perfe | ormance of | the under | akings and | d obligation | ns of this | Bid, we |
| submit herev | with a Rid St | ecurity in t | he shape | of call de | posit No. | <u></u> | |
| | | | - | | | | Amount |
| dated: | B | | | | | _drawn | iń your |
| favour or mad | D | wou and w | alid for a pr | eriod of two | enty eight | (28) day: | s beyond |
| | | | and for a p | 51104 01 111 | | • | |
| the period of | validity of Bio | l. | ted to con | omence th | e Works a | ınd to de | liver and |
| 4. 'Ne under | take, if our B | id is accep | tea, to con | within the | time(s) s | stated in | Contract |
| complete the | Works com | prised in tr | ie Contrac | r AAITEINI TAIS | 5 (11110(0) | | : : |
| Data. | | | | _£ | daye from | the date | e fixed for |
| 5. Ne agree | to abide by t | his Bid for | the period | 01 | uays iroin | o accent | ed at any |
| receiving the | same and it | shall rema | ain binding | upon us a | na may b | = accepti | eu ar any |
| time before t | he expiration | of that peri | od. | | | | • |

| 5. We agree to abide by this Bid | for the period of | days from the d | late fixed for |
|--|---------------------------------------|-----------------------|----------------|
| receiving the same and it shall r | emain binding upon u | s and may be acce | epted at any |
| time before the expiration of that | | | |
| 6. Unless and until a formal Agr | eement is prepared a | nd executed, this E | Bid, together |
| with your written acceptance ther | | | _ |
| 7. We undertake, if our Bid is acc | epted, to execute the I | Performance Secur | ity |
| referred to in Conditions of Contra | act for the due perform | ance of the Contra | ct. |
| 8. We understand that you are receive. | not bound to accept t | he lowest or any b | id you may |
| 9. We do hereby declare that th | e Bid is made withou | t any collusion, coi | mparison of |
| figures or arrangement with any o | other person or person | s making a bid for tl | he Works. |
| Dated thisday | of, 20 | 0 | |
| Signature | | | |
| in the capacity of | duly authorized to | sign bid for and o | n behalf of |
| (Name of Bidder in Block Capitals | | | |
| (Seal) | | | |
| Address | | | |
| _ | · · · · · · · · · · · · · · · · · · · | | |
| · · · · · · · · · · · · · · · · · · · | · / / / / / / / / / / / / / / / / / / | | |
| - | | | |
| _ | | | |
| Witness: | | _ | |
| (Signature) | <u> </u> | | .* |
| Name: | | ** | |
| Address: | · · · · · · · · · · · · · · · · · · · | | |
| | | | |
| | | | |

DETAILED WORKING ESTIMATE F O R CONSTRUCTION OF ROAD VILLAGE ALLAH BACHAYO RAHIMOON

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

| <u> </u> | 0,0,0,0 | | |
|--------------------|---------|---------------|------------|
| MEASUREMENT | CUM | ABSTRACT SHEE | <u>: !</u> |
| | | | |

| | Item of wo | rk | · G | uantity | Rate | Unit. | Amount. |
|--------------|---|---|--|--|---|----------|--|
| S.No | item of we | | | | | | |
| . 1 | FORMAT Earth work including plo compacting v 1 Miles and exceptrock(Sch. of Rate, v MILE: 0/0 -0 (a) COMPAG | for road ughing, m vith optimu 1 lift upto If earth ol-III Part - V4 (0.80 K CTING UP | ixing, cloa im moisture 5 5.0 ft. in work is do VI, item No.3 (| content. all type one by (ii-C), Page | Lead upto es of soil other than e No. 1&2 | 202000 |) Cft |
| | | | ft. @ Rs. 3 | | | Rs. | 738,558 /= |
| Villa · 2 | SUB BASE Preparing spreading approved thickness (i/c hand pa non plastic from appr achieve 9 | vol-III Part- 0.5000 x 0.1610 x 50326 C COURSE Sub Basstone m quality fro 6" in 2 lay acking, filling quarry fire oved sour 8-100% cone (Rate | 5280 x 5280 x 5280 x 5280 x 51t. @ Rs. See Course etal of 2" om approve ers) to proping voids with the set of approve waterin density as its all co | by sup-11/2" in d quarry er cambe n 10 cft si ved qualili g and coper modi | 1.0 x 1.0 1.0 x 1.0 Per %0 Cft. pplying and guage of in required r and grade creening and ty and guag pmpacting to | 3 = Rs. | 38069 Cft. 12257 Cft. 50326 Cft. 311,526 /= |
| | laboure at | d carriage | upto site of t - Vi, item No | MACH IV. | | | |
| Vi | ilage Appr | 0.5000 0.1610 | x 5280 x x 5280 x | 12.00 × | 0.50 x 0.50 x | 1.03 = . | 16315 Cft. 5253 Cft. 21568 Cft. |
| | Say Qty. | 21568 | Cft. @ Rs. | 10054.4 | 4 Per%Cf | t. Rs. | 2,168,542 |

3 BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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-Ill 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)

Village Appr

Village Appr

 $0.5000 \times 5280 \times 12.00 \times 0.50 \times 1.03 = 16315 \text{ Cft.}$ $0.1610 \times 5280 \times 12.00 \times 0.50 \times 1.03 = 5253 \text{ Cft.}$ = 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 the 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-lil 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. 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 /=

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)

32630 Sft. 0.5000 x 5280 x 12.00 x 1.03 10506 Sft. 0.1610 x 5280 x 12.00 x 1.03 Village Appr 43136 Sft.

2,844,608 /= 43136 Sft. @ Rs. 6594.51 Per % Sft. Rs. Say Qty.

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

64705 Cft. 2 x 0.6610 x 5280 <u>8 + 10</u> x 1.00 x Berms

2022 Cft. 2 x 0.6610 x 5280 x 0.375 x 0.75 x Ded Bledg. 9202 Cft. Ded 4% Slop 2 x 0.6610 x 5280 x 53481 Cft.

195,539 /= 53481 Cft. @ Rs. 3656.23 Per %0 Cft. Rs. Say Qty.

> 9,800,378 /= Rs. Total

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

CONSTRUCTION OF ROAD

VILLAGE ALLAH BACHAYO RAHIMOON

DEH HALEPOTANI

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

MEASUREMENT CUM ABSTRACT SHEET

| MEGOOKEMENT COM ABOTICAC | 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: Iti Part - II = Item 18 (b) Page 4&5 | |
| Trench = 1 x 1 x 30.25 x -7.00 x 3.00 = Abutment Wall = 1 x 2 x 30.25 x 2.88 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 1.75 = | 635 Cft. 348 Cft. 73 Cft. |
| Total Qty = Qty 1056 Cft. @ Rs 3176.25 Per %0 Cft. | 1056 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 | 100 0,000 12 |
| Abutment Wall = 1 x 2 x 30.25 x 2.88 x 1.00 = Bed = 1 x 1 x 30.25 x 2.25 x 0.50 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 0.75 = | 174 Cft. 34 Cft. 31 Cft. |
| Total Qty = Qty. 239 Cft. @ Rs 9416.28 Per % Cft. | 239 Cft. |
| 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 = Wing Wall = 1 x 4 x 4.00 x 1.88 x 1.00 = Abutment Wall = 1 x 2 x 30.25 x 1.50 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 1.50 x 2.00 = Abutment Wall = 1 x 2 x 30.25 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 0.75 x 1.16 = | Rs. 22,505 /= 114 Cff. 30 // 182 // 48 // 68 // 18 // |
| Total Qty = Qty 474 Cft. @ Rs 12501.41 Per % Cft. | 474 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 Side of Slab = 1 x 2 x 30.25 x 0.62 x 0.67 Parapet Wall = 1 x 2 x 5.25 x 0.50 + 1.12 x 1.12 | = 34 Cft. = 25 // = 10 // |
| W/W (Coping) = $1 \times 4 \times 4.00 \times 0.75 \times 0.25$ | = 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; Ill Part - II = Item 7 (II-a) Page 20

```
= 1 \times 2 \times 3 \times 30.00 \times 0.667 = 120.06 lbs
Bed Plates 1/2" dia bars
Slab Main bars 1/2" dia (bentup) = 1 x 1 x 40 x 5.00 x 0.667 = 133.40 II
Slab Main bars 1/2" dia (straight) = 1 x 1 x 80 x 4.67 \times 0.667 = 249.19 //
                                   = 1 \times 1 \times 9 \times 30.00 \times 0.167 =
                                                                             45.09 //
Slab Distt: bars 1/4" dia
                                   = 1 \times 2 \times 3 \times 5.00 \times 0.375 =
                                                                            . 11.25 //
Parapet Wall 3/8" dia bars
                                   = 1 \times 2 \times 4 \times 5.00 \times 0.167 =
Parapet Wall 1/4" dia bars
                                                                            565,67 lbs
                                                          Total in !bs =
                                                                               5.05 Cwt
                                                          Total in Cwt. =
```

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt. 6 R.C.C. WORK. RATIO 1:2:4

Rs. 24,342 /=

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: lii Part - II = item 6 - a (i) Page 18 & 19

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

Qly. 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 Vot: 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 - [I = 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 0.50 + 1.12 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 = itom 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 Alas 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 dul |
| 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 paymer |
| of a non-refundable fee of Rupees 3000/- (Three Thousand). Bidders may acquire the |
| Bidding Documents from the Office of the Executive Engineer Provincial Highwa |
| Division Mirpurkhas, at |
| |
| 3. All bids must be accompanied by a Bid Security in the amount of Rs. |
| (Rupees Tight in Janian and in the form of (pay order / demand draft / ban |
| guarantee) and must be delivered to office of Executive Engineer, $L = 2 \cdot 1 \cdot$ |
| 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

of work will be rejected as non-responsive.

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

1.2 Source of Funds

| The | Works & | Services | Departm | ient Go | overnment | of Sir | ndh | has apj | orove | d th | e scheme | for |
|--------|-----------|---|---------|---------|-----------|---------|------|---------|-------|------|----------|-----|
| ****** | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ******* | | Road | to. | which | is to | be | executed | Ьу |
| the l | Executive | Engineer | ·40 :_ | ∴ high | ıways Div | ision N | Airp | urkhas | | | | ٠ |

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 Engineer 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 |
|--|--|
| Brief | Description of Works |
| | *************************************** |
| (a) | Executive Engineer Provincial Highway Division Mirpurkhas Address: |
| (b) | Engineer's address: |
| | Executive Engineer First Highway Division Mirpurkhas |
| | Office Phone No Case |
| 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 |
| 12. charac | (6) Scaffolding pipe 10000 RFT (7) Donkey pumps 02 Nos (8) Generator 02 Nos. (9) Wheel barrowers 24 Nos. (10) Mason Tools 50 No. (a) A detailed description of the Works essential technical and performance steristics. |
| be lim | (b) Complete set of technical information, description data, literature and drawings as ed in accordance with Schedule B to Bid, Specific Works Data. This will include but not lited to a sufficient number of drawings, photographs, catalogues, illustrations and such information as is necessary to illustrate clearly the significant characteristics such as all construction dimensions and other relevant information about the works to be med. |
| 14.1 I 14.4 N 14.6 (15.1 16.1 V Venue Time: 16.4 J | Amount of Bid Security 02% of Estimate cost Period of Bid Validity 90-Days Number of Copies of the Bid to be submitted: 02 original copy. (a) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission Deadline for Submission of Bids Time: pm on Venue, Time, and Date of Bid Opening e: office of Executive Engineer Provincial Highway Division Mirpurkhas pm Date: Responsiveness of Bids |
| | is valid till required period, 60-Days Public Procurement Regulatory Authority www.pprasindh.gov.pk |

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

| (FOR CONTRACTS \ | ORTH RS. 10.00 MILLION OR MORE) | |
|--|---------------------------------|--|
| Contract No | Dated | |
| Contract Value: | · | |
| Contract Title: | | |
| induced the procureme from Government of S | | |

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 time 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

UNDERSORATION

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 AN 1558 Goff of Vant Roud Bout Chuich: Al: Mu Boch: 15 Alimbra Mike Da. 3.1330. (0.70 Kens)

N.I.T No Date:

NIT No TC/G-55/37//, Dated: 24/4 /2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount

Rs. 3000/-

EXECUTIVE ENGINEER
INC. HIGHWAY DIVISION
MIRPURKHAS

FORM OF BID (LETTER OF OFFER)

| Bid Referend Date: | ce No. | | | | | | |
|--|-----------------------------------|---|---|------------------------|----------------------|---|--------------------------------|
| (Name of W To: | orks) | ••••••••••••••••••••••••••••••••••••••• | ••••• | | ••••••• | *************************************** | • |
| Executive E liq Mirpurkhas. | ngineer , ghway Divisio | on | | | | | |
| Gentlemen, | | · | | | | | · |
| 1. Having exact Data, Condition of the execution of the business | tions of Col Prices and | ntract, Con Addenda med works the | tract Dat | a, Spęcif undersigr | ications | , Drawin | gs, if any, |
| | | -· | | | | and I | being duly |
| incorporated to works and remarks and rema | thereto (Rupained in acco | for pees rdance with se Schedules | in conform the the said (s attached | Total Occument | ne said (Bid) or s. | Document Price such oth | ts including the of the sum as |
| 3. As security f | or due perfo | rmance of the | he underta | akings and | d obliga | tions of th | nis Bid, we |
| submit herewit | h a Bid Se | curity in the | e shape | of call de | posit N | lo | |
| dated: | | | • | | | | Amount |
| favour or made | ba | nk | d for a nav | | | drawn | in your |
| favour or made the period of va | lidity of Bid. | ou and vant | a ioi a per | 100 of twe | enty eigh | it (28) day | /s beyond |
| 4. 'We undertak | | is accepted | to com | nance the | Morks | المالة المستمل | |
| complete the W | /orks compri | sed in the | Contract v | within the | time(s) | stated in | Contract |
| 5. We agree to receiving the sa time before the e | me and it sh | nall remain b | oinding up | on us and | ays fror d may b | n the date | fixed for ed at any |

| | 81111110 W// +=:= 'D' ' * | | | | |
|---|--|----------------------|------------------------------|-----------------------------|------------------------|
| receiving the sa | abide by this Bid for me and it shall rem | ine period of | days | s from the | date fixed |
| time before the e | me and it shall remexpiration of that per | iod am binding up | on us and m | hay be acc | epted at |
| 6. Unless and ur | ntil a formal Agreen | nent is propore | | | |
| with your written | acceptance thereof, | shall constitute | ed and exec e a binding c | uted, this I contract be | 3id, togei tween us |
| ⁷ . We undertake, | if our Bid is accepte | ed to over the (| | | |
| referred to in Con | ditions of Contract for | or the due === | ne Performa | ince Secur | ity |
| اع. We understand | that you are not i | or the due perio | ormance of t | the Contrac | ct. |
| receive. | that you are not t | pound to accel | ot the lowes | t or any b | id you m |
| 9. We do hereby | declare that the Bio | d is made | | | |
| figures or arranger | ment with any other | person or so | out any coll | lusion, con | nparison |
| Dated this | day of | person or pers | ons making | a bid for th | e Works. |
| Signature | | | , 20 | | |
| in the capacity of | dul | lv outhers i | | | |
| | ~uu | y aumonzed t | o sian bid 1 | for and on | hehalf |
| | , | | J | or arra orr | benan (|
| | | | 0 | or arra off | benan (|
| (Name of Bidder in (Seal) | | | | or and on | oction (|
| (Name of Bidder in | | | | | berian (|
| (Name of Bidder in (Seal) | | | | | berian (|
| (Name of Bidder in (Seal) | | | | · | Derian (|
| (Name of Bidder in (S⊛al) | | | | · | berian (|
| (Name of Bidder in (S∂al) | | | | and on | Derian (|
| (Name of Bidder in (S∂al) | | | | · | |
| (Name of Bidder in (Seal) Address | | | | · · | Derian (|
| (Name of Bidder in (Seal) Address | | | | · and on | Derian (|
| (Name of Bidder in (Seal) Address | | | | · and on | |
| (Name of Bidder in (Seal) Address - Witness: (Signature) Name: | | | | | Denail (|
| (Name of Bidder in (Seal) | | | | | Derial (|
| (Name of Bidder in (Seal) Address Witness: (Signature) Name: | | | | | Derial (|
| (Name of Bidder in (Seal) Address Witness: (Signature) Name: | | | | | Derial (|

DETAILED WORKING ESTIMATE

F O R

CONSTRUCTION OF ROAD FROM LINK ROAD ABOUL 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 wo | rk. | Quantity | / Rate | Unit. | Amount |
|----------|---|---|--|--|-------------------|---------------------------|
| . 1 | including plou compacting wi 1 Miles and exceptrock(if Sch. of Rate, vol MILE: 0/0 -0/3 | O N:- for road embanl ghing, mixing, clo ith optimum moistu lift upto 5.0 ft. f earth work is I-III Part - VI, item No. 3+330 (0.70 KM) | od breakin ire content in all ty done by .3 (ii-C), Pa | g, dressing, Lead upto pes of soil other than ge No. 1&2 | | |
| | Α | s Per Earth Work | Statement | (Attached) | 134200 | Oft |
| | Say Qty. 134 | 4200 Cft. @ Rs. | 3656.23 | Per %0 Cft. | Rs. | 490,666 /= |
| Villag | Sch. of Rate, vo | FION 95-100% DE I-III Part - VI, item No .4375 × 5280 × .0114 × 5280 × | .3 (ii-a), Pag 14.00 x | ge No. 1&2 1.0 x 1.0 | 3 = . | 3310 Cft. 865 Cft. |
| | Say Qty. 34 | 175 Cft. @ Rs. | 6190.17 | Per %0 Cft. | = 3 Rs. | 34175 Cft. 211,549 / = |
| 2 | approved qua thickness (6" i i/c hand packin non plastic qua from approved achieve 98-10 specification. labours and ca | | '-11/2" in ded quarry per camber h 10 cft so ved quality g and co per modifi st of mat work. | guage of in required and grade, reening and guage mpacting to led AASHO terials T&P, | | |
| Village | | .4375 x 5280 x .0114 x 5280 x | 12.00 x 12.00 x | | .03 = 1 i.03 = | 4276 Cft. 371 Cft. |
| 3 | • • | 647 Cft. @ Rs. | | | = 1 | 4647 Cft. 1,343,099 /= |

3 BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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)

MILE : 070 -070 (0.70 (0.70 (0.70

2 x 0.4375 x 5280 x 1.03 = 4759 Rft. 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:-

Village Appr

Village Appr

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-lil 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. 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-ill 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 /=

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. @ 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, itom 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 $\frac{8}{2}$ + 10 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 $\frac{0}{2}$ + 0.32 x 1.03 = 6249 Cft.

Say Qty. 36318 Cft. @ Rs. 3656.23 Per %0 Cft. Rs. 132,787 /=

Total Rs. 6,329,433 /=

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

CONSTRUCTION OF ROAD FROM

LINK ROAD ABOUL REHMAN GADDI TO VILLAGE

CHOUDHRY ALI MOHAMMAD DEH KHANDAR

MILE: 0/0 -0/3+330 (0.70 KM) MEASUREMENT CUM ABSTRACT SHEET

| 3 | NO ITEM OF WORKS RATE | UNIT AMOUNT |
|---|--|--|
| | 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: ill Part - II = item 18 (b) Page 4&5 | |
| | Trench = 1 x 1 x 30.25 x 7.00 x 3.00 = Abutment Wall = 1 x 2 x 30.25 x 2.88 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 1.75 = Total Qty = | 635 Cft. 348 Cft. 73 Cft. |
| | Qty. 1056 Cft. @ Rs 3176.25 Per %0 Cft. | 1056 Cft. Rs. 3,354 /≃ |
| ź | 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 | NS. 3,334 J= |
| | Abutment Wall = 1 x 2 x 30.25 x 2.88 x 1.00 = Bed = 1 x 1 x 30.25 x 2.25 x 0.50 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 0.75 = Total Qty = | 174 Cft. 34 Cft. 31 Cft. 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 = Wing Wall = 1 x 4 x 4.00 x 1.88 x 1.00 = Abutment Wall = 1 x 2 x 30.25 x 1.50 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 1.50 x 2.00 = Abutment Wall = 1 x 2 x 30.25 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 0.75 x 1.16 = Total Qty = Qty. 474 Cft @ Rs 12501.41 Per % Cft. | 114 Cft. 30 // 182 // 48 // 68 // 18 // 14 // 474 Cft. Rs. 59,257 /= |
| 4 | CEMENT CONCRETE (1:2:4) Cement concrete plain including placing, compacting, linishing 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 Side of Slab = 1 x 2 x 30.25 x 0.62 x 0.67 Parapet Wall = 1 x 2 x 5.25 x 0.50 + 1.12 x 1.12 | = 34 Cft. = 25 // = 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 \times 2 \times 3 \times 30.00 \times 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 \times 1 \times 9 \times 30.00 \times 0.167 =
Parapet Wall 3/8" dia bars
                                  = 1 \times 2 \times 3 \times 5.00 \times 0.375 =
                                                                           11.25 //
Parapet Wall 1/4" dia bars
                                  = 1 \times 2 \times 4 \times 5.00 \times 0.167 =
                                                                            6.68 //
                                                                          565.67 lbs
                                                        Total in !bs =
                                                        Total in Cwt. =
                                                                            5.05 Cwt
```

Qty. 5.05 Cwt. @ Rs 4820.20 Per Cwt. 6 R.C.C. WORK RATIO 1:2:4

Rs. 24,342 /=

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.

Qly 80 Cft. @ Rs 337.06 Per Cft. Ro. 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 SfL @ 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-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 0.50 + 1.12 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

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

Rs. 6,119 /= 157,377 *l*= Rs.

Total

INVITATION FOR BIDS Date: 03-12-2011 Bid Reference No.: 1527

| 1. The Executive E | ngineer | i da High | way Division N | 1irourkl | nas. inv | rites sealed |
|---|----------------|----------------|--|----------|-------------------------|--------------|
| bids from interested firms | or persons I | icensed by t | he Pakistan En | gineeri | ng Cou | incil in the |
| appropriate category (not a | required for | works costi | ng Rs 2.5 mil | lion or | less) a | nd/or dubi |
| pre-qualified (if pre-qualifi | ication is do | ne for speci | fic scheme/pro | iect) w | ith the | Evecutive |
| Engineer | Highway | Division | Mirourkhas | for | the | |
| *************************************** | | | F (1.11.11.11.11.11.11.11.11.11.11.11.11.1 | 101 | - | Works," |
| | | | | | | |
| 2. A complete set of | Bidding Do | cuments ma | y be purchased | by an i | nteresta | ed eligible |
| bidder on submission of a w | vritten applic | cation to the | office given h | elow ar | id unon | navment |
| of a non-refundable fee of | Rupees 30 | 00/- (Three | Thousand). B | idders i | may ac | onira the |
| Bidding Documents from | the Office | of the Exe | cutive Engine | er Prov | inay ac | Liahuan |
| Division Mirpurkhas, at | | | - and - Engine | -, 110v | melai | півнува |
| | | | | | | |
| 3. All bids must be a | ccompanied | by a Bid So | curity in the a | mount 4 | of Re | ~/ |
| (Rupees Tight - 1011 - 27 | | in the form | of (pay order | / dema | nd dra | ft / bank |
| guarantee) and must be de | livered to c | office of Ex | ecutive Engine | er. L | | n / Ounk |
| at or before on _ | Bio | ds will be op | ened at 2,00 pr | n on the | 2 | day in |
| the presence of bidders'repre | sentatives w | ho choose to | attend, at the | same a | ddress | duy iii |
| the address if it differs]. | | | | ounie u | uu 1 0 33 | Imdicate |
| | | | | | | |
| [Note: 1. Executive Engineer | Provincial F | lighway Div | ision Mirpurkh | as to er | iter the | |
| requisite information in blank | spaces. | J | Ampatitu | us 10 01 | iioi ii(C | |
| 2. The bid shall be opened wit | | r after the de | adline for subr | niccian | of kida | 1 |
| - | | | IOI GUUI | HOMEON | or olds | •1 |

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 in this 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 in L.: 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.)

| | uctions to Bidders se 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 Free Light Highway Division Mirpurkhas Office Phone No 1 22 |
| 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. charac | (a) A detailed description of the Works essential technical and performance teristics. |
| be lim other i | (b) Complete set of technical information, description data, literature and drawings as ed in accordance with Schedule B to Bid, Specific Works Data. This will include but not ited to a sufficient number of drawings, photographs, catalogues, illustrations and such information as is necessary to illustrate clearly the significant characteristics such as I construction dimensions and other relevant information about the works to be med. |
| 14.1 P 14.4 N 14.6 (a 15.1 16.1 V Venue | eriod of Bid Validity 90-Days Tumber of Copies of the Bid to be submitted: 02 original copy. Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission Deadline for Submission of Bids Time: pm on Tenue, Time, and Date of Bid Opening office of Executive Engineer Provincial Highway Division Mirpurkhas pm Date: |
| | esponsiveness of Bids |

Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk

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

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

| (FOR CONTRACTS V | WORTH KS. 10.00 MILLI | JN OR MORE) |
|-------------------------|---|--|
| Contract No | Dated | |
| Contract Value: | · · · · · · · · · · · · · · · · · · · | · |
| Contract Title: | *************************************** | *************************************** |
| | | |
| | | ctor} hereby declares that it has not obtained or terest, privilege or other obligation or benefit |
| | | trative subdivision or agency thereof or any other |
| entity owned or control | lled by it (GoS) through an | y 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 time 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

UNDERSTOOM

WIRPURKHAS

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) ADI ISS LOS A Could had Hyd lose to It: Anway Shild Via Ch.: Mahuel Shuide Via Paja Locus Deb. 108 4.c Tolk AC. Mari 0/0 -0/2+390 (0.51 Kgm). | 4 |
|--|---|
| Via Ch: Mahud Shuldes Via Raja Lown Deb. 108 | |
| 4.c TWILAC. MATI 0/0-0/2+356 (0.51KgM). | |

N.I.T No Date:

NIT No TC/G-55/37/, Dated:27/ 9/2015.

Date Of Issue:

Date Of Opening:

Tender Issued To:

D.R No. Date:

And D.R Amount

Rs. 3000/-

EXECUTIVE ENGINEER

LICENSTON
MIRPURKH4S

FORM OF BID (LETTER OF OFFER)

| Bid Referen Date: | ice No. | | | | | | | |
|--------------------------|--|---------------------------|-----------|----------------|-----------|-----------------|----------|----------------|
| (Name of W | Vorks) | •••••••• | | *********** | •••••••• | ······ | | ••• · |
| Executive E | lighway Divisio | n | | . • | | . * | | |
| Data, Cond Schedule o | xamined the B ditions of Col of Prices and | ntract, Cont I Addenda | ract Data | ı, Spęcif | ications | , Drawin | gs, if | any, |
| business | f the above-na under | the | name | undersigr o | | ng a com and | | doing dress |
| | | - | | | | and | being | duly |
| | under the lav | | | | | | • | |
| works and re Addenda | emedy any def thereto | ects therein i for | | | | | | - |
| | (Ru | | the | Total | Bid | | ice | of |
| | rtained in acco | | | | | Such of | ner sur | n as |
| | stand that all th | • | | | | of this Di | ات: | |
| | y for due perfo | | | | | | | |
| | with a Bid Se | | | | | | | , we |
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| | Ba | | | | | draw | n iń n | ount |
| | de payable to | | | | | | | • |
| | validity of Bid. | | po. | 100 01 17 | only olgi | nt (20) de | xyo bey | Ond |
| • | ake, if our Bio | | t to comn | nence the | e Works | and to d | deliver | and |
| | Works comp | | | | | | | |
| Data. | · . | | | | | , ctatou i | | |
| 5. 'We agree t | to abide by thi | s Bid for the | period of | | davs fro | m the da | te fixed | l for |
| ** | same and it s | • | | | | | | |
| • | e expiration of | * | | | | ~ . | | |

| 5. We agree to abide | by this Bid for the | period of | days fi | om the d | late fixed t | fc |
|--------------------------|-----------------------|------------------|---------------------------------------|----------------|--------------|-----|
| receiving the same ar | nd it shall remain | binding upon | us and may | / be acce | epted at a | n |
| tine before the expirat | tion of that period. | | | | | |
| 6. Unless and until a | formal Agreement | l is prepared a | and execute | ed, this E | Bid, togeth | e |
| with your written accep | tance thereof, sha | all constitute a | binding cor | ntract bet | ween us. | |
| 7. We undertake, if our | Bid is accepted, t | o execute the | Performano | ce Securi | tv | |
| referred to in Condition | s of Contract for the | he due perforn | nance of the | 2 Contrac | .y .+ | |
| 8. We understand that | you are not bou | nd to accept t | he lowest | or any hi | id vou ma | |
| receive. | | , | | or dily b | d you ma | y |
| 9. We do hereby decla | are that the Bid is | made withou | t anv collus | sion con | onaricon c | . 4 |
| figures or arrangement | with any other per | son or person | s making a | hid for th | ipalisum (| ' 1 |
| Dated this | day of | . 2 | 0 | DIG 101 (11 | e vvoiks. | |
| Signature | | | - | | | |
| in the capacity of | | authorized to | sign bid fo | r and on | behalf of | f |
| (Name of Bidder in Block | | | | | | |
| (Seal) | . , | | · | | | |
| Address | | • . | | | | |
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| <u>-</u> | | | | | | |
| Witness: | | | | | | |
| (Signature) | | | | | | |
| Nanie: | | | | * . . * | | |
| Address: | | | · · · · · · · · · · · · · · · · · · · | | | |
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DETAILED WORKING ESTIMATE

FOR

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. 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 exceptrock(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 ORDINORY 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 ORDINORY Sch. of Rate, vol-Ill Part - VI, item No.3 (ii-a), Page No. 1&2 $0.3125 \times 5280 \times 14.00 \times 1.0 \times 1.03 =$ 23793 Cft. Village Appr $0.0227 \times 5280 \times 14.00 \times 1.0 \times 1.03 =$ · 1730 Cft. 25523 Cft. Say Qty. 25523 Cft. @ Rs. 6190.17 Per %0 Cft. Rs. 157,992 /= **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

 $0.3125 \times 5280 \times 12.00 \times 0.50 \times 1.03 =$ 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 /=

BRICK ON EDGING:-

Laying Brick on end edging including supplying 9"x41/2"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)

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 **36** 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, voi-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 /=

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. 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

Village Appr

Berms 2 x 0.3352 x 5280 $8 + 10 \times 1.00 \times 1.03 =$

Ded Bledg. 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 4667 Cft. 27124

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

| | MICHOUREMENT COM ADDITION S | MEET |
|-----|--|--|
| S.1 | O 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: ill Part - il = Item 18 (b) Page 48.5 | |
| | Trench = 1 x 1 x 30.25 x 7.00 x 3.00 = Abutment Wall = 1 x 2 x 30.25 x 2.88 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 1.75 = Total Qty = | 635 Cft. 348 Cft. 73 Cft. 1056 Cft. |
| | Qty. 1056 Cft. @ Rs 3176.25 Per %0 Cft. | 1056 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 | 110. 0,004 1- |
| | Abutment Wall = 1 x 2 x 30.25 x 2.88 x 1.00 = Bed = 1 x 1 x 30.25 x 2.25 x 0.50 = Wing Wall = 1 x 4 x 4.00 x 2.62 x 0.75 = Total Qty = | 174 Cft. 34 Cft. 31 Cft. 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 = Wing Wall = 1 x 4 x 4.00 x 1.88 x 1.00 = Abutment Wall = 1 x 2 x 30.25 x 1.50 x 2.00 = Wing Wall = 1 x 4 x 4.00 x 1.50 x 2.00 = Abutment Wall = 1 x 2 x 30.25 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 1.12 x 1.00 = Wing Wall = 1 x 4 x 4.00 x 0.75 x 1.16 = Total Qty = Qty. 474 Cft. @ Rs 12501.41 Per % Cft. | 114 Cft. 30 // 182 // 48 // 68 // 18 // 14 // 474 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 Side of Slab = 1 x 2 x 30,25 x 0.62 x 0.67 Parapet Wall = 1 x 2 x 5,25 x 0.50 + 1,12 x 1.12 | = 34 Cft. = 25 // = 10 // |
| | W/W (Coping) = $1 \times 4 \times 4.00 \times 0.75 \times 0.25$ | = 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 = 11.26 // 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 = $1 \times 1 \times 30.25 \times 4.00 \times 0.66 = 80$ 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 = $1 \times 30.25 \times 2.25 =$

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 Wali = 1 x 2 x 2 x 5.25 x 1.12 = 24 Sft.

// (sides) = 1 x 2 x 2 x 0.60 + 1.12 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; Ill Part - II * item 10 (b) Page 58

| Abutment Wall | $= 1 \times 2 \times 30.25 \times$ | 3.00 = | 182 | Sft. |
|---------------|------------------------------------|--------|---------------------------------------|------|
| Wing Wall | $= 1 \times 4 \times 4.00 \times$ | | 67 | 1 # |
| // (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 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 Act |
| |
| 1 |
| 2 A complete set of Districts |
| 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 Tight and Line 1 and 1 |
| guarantee) and must be delivered to office of Executive Engineer, L |
| at or before on Bide with the |
| 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.] |
| the substitution of olds, |

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 FundsI.1 Scope of Bid

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 Vec. 1. 11 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 .

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

| | se Reference |
|---|---|
| 1.1 | Name of Executive Engineer |
| 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. |
| | (a) A detailed description of the Works essential technical and performance teristics. |
| be lim other | (b) Complete set of technical information, description data, literature and drawings as ed in accordance with Schedule B to Bid, Specific Works Data. This will include but not ited to a sufficient number of drawings, photographs, catalogues, illustrations and such information as is necessary to illustrate clearly the significant characteristics such as all construction dimensions and other relevant information about the works to be med. |
| 14.1 P 14.4 N 14.6 (a 15.1 16.1 V Venue Time: 16.4 R | Amount of Bid Security 02% of Estimate cost Period of Bid Validity 90-Days Tumber of Copies of the Bid to be submitted: 02 original copy. A) Executive Engineer Provincial Highway Division Mirpurkhas Address for the Purpose of Bid Submission Deadline for Submission of Bids Time: pm on Yenue, Time, and Date of Bid Opening To office of Executive Engineer Provincial Highway Division Mirpurkhas pm Date: esponsiveness of Bids Tis valid till required period, 60-Days |

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

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 time 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

UNDERSTOOM

WIRPURKHAS

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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

- 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

1B.5 Clarification of Bidding Documents

- 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 quarries 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).

- 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 a 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.
- 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.

1B.9 Sufficiency of Bid

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

- 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.
- 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

- 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).
- (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.
- 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 Rule2(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 I 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 Not withstanding 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. '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.
- (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

| | any other person or persons making a bid for the Work, 20 |
|----------------------------|---|
| | |
| in the capacity of | duly authorized to sign bid for and on beh |
| (Name of Bidder in Block C | 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]

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SCHEDULE - A TO BID SCHEDULE OF PRICES

| St. No. Page No. |
|-----------------------------------|
| 1. Preamble to Schedule of Prices |
| 2. Schedule of Prices |
| *(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. | | (A) Building Work | |
| 2 | | Civil works | |
| 3 | | Internal sanitary and water supply | |
| 4 | | Electrification | |
| 5 | | External Development works | |
| 1. | | Miscellaneous Items | |
| 2. | · | (B) Road Work. | |
| 3. | | Earthwork | |
| 4. | | Hard Crust and Surface Treatment | |
| 1. | | Culverts and Bridges | |
| 2. | | Miscellaneous Items | |
| 3. | | (C) Public Health Engineering | |
| 4. | ļ | Works. | |
| 5. | | Earthwork | |
| 6. | į | Subsurface Drains | |
| | | Pipe Laying and Man holes | |
| , | | Tube wells, Pump houses | |
| | | Compound wall | |
| ļ | | Miscellaneous Items | |
| Total Bid Price (TI | ne amount to be entered in | Paragraph 1 of the Form of Rid) | |

Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid) (In words).

SCHEDULE - A TO BIDSCHEDULE OF PRICES

| Item | Description | Quantity | Unit Rate(Rs) | Total Amount (Rs) |
|----------------------|---|----------|---------------|-------------------|
| 1. | 1. Civil Work | | \$ | |
| 2. 3. 1. 2. | II. Internal sanitary and water supply. | | | |
| 3. | III. Electrification. | | · | |
| 1. 2. 3. | IV. External Development works. | | | |
| 1. 2. 3. | V. Miscellaneous Items | | | |
| 1. 2. | | | | |
| 3. | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Total (to be carried to Summary of Bid Price)

Add/ Deduct the percentage quoted above/below on the prices of items based on Composite

Schedule of Rates.

*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 in the Highway Division Mirpurkhas.
- 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.
- Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.

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 i 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 1........ 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 assignce.
- 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 Highway Division Mirpurkhas or the Contractor.

Dates, Times and Periods

- -- 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 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 Product Life 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 Production 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 I '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.

3.1 Authorised Person

The Executive Engineer 1.1.1 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 I — Lal Highway Division Mirpurkhas's Representative is given in Contract Data. However the Contractor shall be notified by the Engineer/Executive Engineer I. 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 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 I. A 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 [1,]. 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 1. . . . 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 ... I 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 1. 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 [Highway Division Mirpurkhas Representative

The name and address of Engineer's/Executive Engineer all 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 The 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 I ... I 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 In a 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.

shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons.

The 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 T.... TYLLY, 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;
- c) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
- f) use or occupation by the Executive Engineer [1]. 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 Figure Highway Division Mirpurkhas's personnel or by others for whom the Executive Engineer Figure 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 Table 11 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 i 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 Highway Division Mirpurkhas/Engineer within such period as may be prescribed bγ the Executive Engineer Provincial Highway 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 all 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 : : : 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 The Highway Division Mirpurkhas/Engineer may identify any outstanding items of work which the Contractor shall undertake during the Maintenances Period.

49. 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 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. 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 Highway Division Mirpurkhas/Engineer in writing and if the same are not refuted/denied by the Executive Engineer in 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 i.e....... 'Highway Division Mirpurkhas considers appropriate, or
- e) if the Executive Engineer Γ Lel 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 I 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 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

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

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 110.1 Highway Division Mirpurkhas considers appropriate, or
- 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 1 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 : Highway Division Mirpurkhas. the Executive Engineer
- 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 i 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 American 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 I will ' Highway Division Mirpurkhas Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any

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Executive Engineer i Highway Division MirpurkhasRisk, 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. 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 Frankla' Highway Division Mirpurkhas shall check and if possible agree the value. In the absence of agreement, the Executive Engineer Frankla' 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 T. 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 60days after such Final Payment Certificate has been jointly verified by Executive Engineer Provincial Highway Division Mirpurkhas and Contractor;

(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).

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 1. 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. All 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.

12.2 Defaults by Executive Engineer . Highway Division Mirpurkhas

If the default is not remedied within twenty eight (28) days after the Executive Engineer I. Itighway 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 in the 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 in Linear Highway Division Mirpurkhas is entitled,

 - 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 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. The 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 I. I. Highway Division Mirpurkhasimmediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Executive Engineer Frovincial Highway Division Mirpurkhasdemobilize 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 Mirpurkhasis 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 Franklal Highway Division Mirpurkhas. The Contractor shall provide the Engineer/Executive Engineer Provincial Highway Division Mirpurkhaswith 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 Formulal Highway Division Mirpurkhasmay, 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 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 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

 10 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 1. 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 1. Highway Division Mirpurkhas under Sub-Para (a) and (c) of this Sub-Clause.

| 2.1 P | rovision of Site: On the Commencement Date |
|----------------|--|
| 3.1 A | uthorized person: |
| 3.2 N repre | lame and address of Executive Engineer Highway Division Mirpurkhas esentative Office of Executive Engineer, Education Works Division, Mirpurkhas |
| | erformance Security: |
| Amoi | unt ity |
| (Form | n: As provided under Standard Forms of these Documents) |
| | dequirements for Contractor's design (if any): fication Clause No's |
| 7.2 P | rogramme: |
| Time Forn | for submission: Within fourteen (14) days* of the Commencement Date. 1 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 E | Carly 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 P | eriod for remedying defects: 12 Months |
| 10.2 | (e) Variation procedures: Day work rates |
| | (details) |
| 11 1 , | Towns of Dormants |
| | Terms of Payments obilization Advance |
| a) 1916 | (1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Executive Engineer Implicial 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 Find the 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 Alighway 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 1/5m 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 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 and 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 an, 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 b making deduction entries in the column; —deduct quantity utilized in work measured since previous bill, acquivalent 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 premium above or below quoted on the rates mentioned in C(details), or/and | on SR |
| | 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 |
| (The minimum amount of third party insurance should be assessed by the Executive Engineer: Highway Division Mirpurkhas and entered). Workers: 1.000 (M) Other cover*: |
| (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 in the Province of Sindh)

** (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)

| Gua | rantee No | · | _ | · <u>·</u> | | |
|---------------------------|--|---|--|--|--|--|
| (Lett Nam | ter by the Guara e of | antor to the Execut Guarantor | ive Engineer I (Scheduled | Highway Bank in | Division Mirp Pakistan) | urkhas) wi ţ Į |
| Nam addr | | of | Principal | | der) | with |
| Sum figur | cs): | Security | | | , words | anc |
| | | | | | | • |
| sum succes THE subm Engir | Highway well and truly essors, jointly a CONDITION litted the neer Provincial REAS, the Exdition for consum to the Exercise (1) that the | Division Mirpurk to be made, we nd severally, firml OF THIS OBL accompanying Highway Division ecutive Engineer Idering the said Bicutive Engineer PBid Security shall eriod of validity o | (herein has) in the sum bind ourselves, or y by these presen IGATION IS Signature (Part Mirpurkhas; and I Highwald that the Princip rovincial Highwall remain valid for the sum of the princip rovincial Highwall remain valid for the sum of the princip rovincial Highwall remain valid for the sum of the princip rovincial Highwall remain valid for the sum of the su | after called The stated above, for theirs, executs. UCH, that who do and date iculars of Bid) ay Division Miral furnishes a Bay Division Miral can be and by Division Miral furnishes a Bay Division furnishe | e —Executive or the payment tors, administrations administration of the Prince of the Said Expurkhas has recited Security in the purkhas, conditional to the said Expurkhas, conditional to the said Execurity in the purkhas, conditional to the said Execurity in the purkhas, conditional to the said Execurity in the purkhas, conditional to the said Executive Security in the purkhas, conditional to the said Executive Security in the said Executive Security in the said Executive Security Se | Engineer of which ators and sipal has ve for executive quired as he above ioned as |
| | (2) that in the | e event of; | | | | |
| | (a) the Princi | pal withdraws his | Bid during the pe | riod of validity | of Bid, or | |
| | | pal does not accep | | | | -Clause |
| 16.4 | | ctions to Bidders, o | | | | |
| | (c) failure of | the successful bide | der to | | | |
| | (i) furnish the of Instruction | e required Perforn s to Bidders, or | nance Security, in | accordance wi | th Sub-Clause | IB-21.1 |
| | (ii) sign the p 20.3 of Instru | roposed Contract ctions to Bidders, | Agreement, in ac | cordance with S | Sub-Clauses 113- | ·20.2 & |

the entire sum be paid immediately to the said Executive Engineer P. 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 Toward 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 Formal Highway Division Mirpurkhasfor 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 Philiphway Division Mirpurkhas the said sum stated

above upon first written demand of the Executive Engineer Philiphway Division Mirpurkhas without cavil or argument and without requiring the Executive Engineer Philiphway Division Mirpurkhas to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Executive Engineer Philiphway Division Mirpurkhas by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Executive Engineer 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. 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)

| Witne | ess: 1. Signature |
|-------|--|
| 1 | Ž. Name |
| 3. | Title |
| 2. • | Corpòrate Secretary (Seal) |
| | (Name, Title & Address) Corporate Guarantor (Seal) |

FORM OF PERFORMANCE SECURITY (Bank Guarantee)

| Guarantee No | | | | | | |
|--|--|--|---|--|---|---|
| Executed on | | : | | | | |
| Expiry Date (Letter by the Gua Name of address: | rantor to the l | Executive Enginee | Bank | Highway in | Division Mirpu Pakistan) | rkhas) with |
| Name address: | of | Principal | | (Contract | or) | — with |
| Penal Sum figures) | of | Security | | | words | and |
| | | - | | | | |
| Letter of Acceptance KNOW ALL MEN Documents | e No. | | | Dated | | _ |
| and at the r firmly boun (hereinafter the penal su to be made we bind ou severally, fir THE CONDITION the Executive F Acceptance | request of the and unto the called the Ex m of the amo to the said E receives, our mly by these OF THIS OB | e said Principal we ecutive Engineer bunt stated above, executive Engineer heirs, executors, presents. | the Guara The Guara The For the paymer Provincial administrate The CH, that when Division Mi | reinafter of intor above lighway Disent of white Highway ors and suffereas the Highway rereas the Highway rereases the Highway rereases r | vision Mirpurk ch sum well an Division Mirpurk ch sum well an Division Mirpurk ceessors, joint Principal has acabove said Let | thas) in od truly urkhas, ly and cepted |
| NOW THEREFORE undertakings, original terms the Executive notice to the | if the Princip covenants, of the said D Engineer P Guarantor, w | pal (Contractor) she terms and conditional conditional conditions and any highway hich notice is, here | all well and tions of the extensions y Division | truly performance said Do thereof the Mirpurkhall and shall | orm and fulfill a cuments during it may be grante as, with or wi also well and | all the g the ed by thout truly |

| 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, |
|---|
| PROVIDED ALSO THAT the Executive Engineer 1. 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 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 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 |
| |
| Corporate Secretary (Seal) |
| 3. Title |
| 3. Title |
| |
| (Name, Title & Address) Corporate Guarantor (Seal) |
| · |
| No. |
| |

FORM OF CONTRACT AGREEMENT

| THI day | S CONTRACT AGREEMENT (hereinafter called the —Agreement ") made on the |
|--------------|--|
| | of between Executive Engineer, Fal 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. |
| WH) ce:ta | EREAS the Executive Engineer 1 al Highway Division Mirpurkhas is desirous that in 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. |
| NOV | 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 F 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 |

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 Guaranter) waiving all |
|---|
| We, (the Guarantor), waiving all objections and defenses under the Contract, do hereby irrevocably and independently |
| guarantee to pay to the Executive Engineer al 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 |
| Engineeral 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 r 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 ! |
| Highway Division Mirpurkhas's designated Bank & Account Number. |
| PROVIDED ALSO THAT the Executive Engineer P 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 Highway Division Mirpurkhas forthwith and without any reference |
| to the Principal or any other person. |
| IN WITNINGS WOLFDRON A COLUMN A LOCAL AND |
| IN WITNESS WHEREOF, the above bounded Guarantor has executed this Instrument |
| underits 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. |
| pursuant to admortly of its governing body. |
| Guarantor (Bank) |
| Witness: |
| 11. Signature |
| 2. Name |
| Corporate Secretary (Seal) |
| 3. Title |
| 2. |
| Name, Title & Address) Corporate Guarantor (Seal) |
| como, Thie or reduces y Corporate Quarantor (Sear) |

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 1 |
| 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 I. Appelal Highway Division Mirpurkhas to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Executive Engineer 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 1! 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. |

| laws. | |
|--|------------------|
| Signature of the Contactor Signature of the Executive Engineer of the Mirpurkhas | Highway Division |
| (Seal) (Seal) | |
| | |
| Signed. Sealed and Delivered in the presence of: | |
| | |
| | |
| Vitness: Witness: | |
| | |

(Name, Title and Address) (Name, Title and Address)

MOBILIZATION ADVANCE GUARANTEE

| Guarantee NoExecuted on |
|--|
| (Letter by the Guarantor to the Executive Engineer Highway Division Mirpurkhas) WHEREAS the (hereinafter Contract for Highway Division Mirpurkhas) has entered into a |
| (Particulars of Contract), with |
| (hereinaster called the Contractor). |
| AND WHEREAS the Executive Engineer P. Highway Division Mirpurkhas has agreed to advance to the Contractor, at the Contractor's request, an amount of Rupees |
| 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 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 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. |

| | | nce payment has been credited to the |
|---|-------------------------------|--|
| This Guarantee shall expire | not later than | |
| by which date we must have | received any claims by regis | stered letter, telegram, telex or telefa |
| | | * |
| It is understood that you will total amount to be claimed he | return this Guarantee to us o | on expiry or after settlement of the |
| , | | |
| | | |
| × | | |
| | | |
| | | |
| /itness: | | Guarantor (Scheduled Bank |
| | | |
| | 1. Signature | |
| | 1. Signature | |
| orporate Secretary (Seal) | | |

INDENTURE FOR SECURED ADVANCES.

| (For use in cases in which is contract is for finished work and the contractor has entered into a agreement for the execution of a certain specified quantity of work in a given time). | 'n |
|---|----|
| This INDENTURE made 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 | |
| Fin R.Form.17.A on | |
| NOW THIS INDENTURE WTTNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees | |
| (2) That the materials detailed in the said Running Account Bill (B) which have been 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 Fig. R. Form No. 17-A

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.

Once therewith the Government may at any time thereafter adopt all or any of following courses as it may deem best;-

paid to accordingly.

- (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.

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| Seal | Signed, sealed and delivered by* In the presence of | |
| 1st wit | ness 2 _{nd} witness | · |
| | | |
| | , · | |
| Signed, Seal | sealed and delivered by* In the presence of | |
| | | |

1st Witness 2nd witness