

BIDDING DATA

①

INSTRUCTION TO BIDDERS

Clause Reference

1.1 Name of Procuring Agency

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile Mirpurkhas
Sindhri Road

Brief Description of Works

Construction of Black Top Road from Phullahdyoun Khipro road to Village _____
Khalefo Abdul Rahim Bhunpar UC Phullahdyoun (Including 2 Culvert) (6 _____
Ferlong)

5.1 (a) Procuring Agency's address:

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile
Mirpurkhas Sindhri Road

(b) Engineer's address:

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile
Mirpurkhas Sindhri Road

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:

- Relevant Experience
- Turn-over of at least last three years
- Registration with Income Tax, Sales Tax and Pakistan Engineering Council (Where applicable)
- NTN (FBR) Certificate
- Sindh Revenue Board (SRB) Certificate

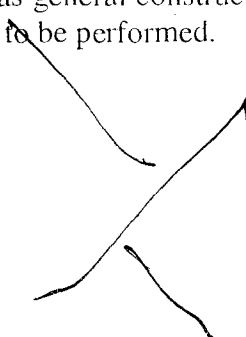
i. Financial capacity: (must have turnover of Rs. 0.10 Million)

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

iii. Construction Capacity: (Mention the name and number of equipments required for the work).

12.1 (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**

2% of Each Work

14.1 **Period of Bid Validity**

90 Days

14.4 **Number of Copies of the Bid to be submitted:**

One Original plus _____ copies

14.6 (a) **Procuring Agency's Address for the purpose of Bid submission**

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile
Mirpurkhas Sindhri Road

15.1 **Deadline for submission of Bids**

Time 02:00 PM on 11-01-2016

16.4 **Venue, Time, and Date of Bid Opening**

Venue: Office of the Town Committee Sindhri District Mirpurkhas

Time 03:00 PM Date 11-01-2016

16.4 **Responsiveness of Bids.**

- (i) Bid is valid till required period
- (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) Bids are generally in order, etc.

Procuring agency can adopt either of two options.

- (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
(LETTER OF OFFER)

Bid Reference No. _____

To,

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. 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 amount of _____ drawn in your favour or made payable to you and valid for a period of Twenty Eight (28) days beyond the period of validity of bid.
4. We undertake, if our bid is accepted to commence the works and to deliver and complete the works comprised in the Contract within the time(s) stated in contract Data.
5. We agree to abide by this Bid for the period of _____ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our bid is accepted, to execute the performance security referred to in conditions of contract for the due performance of the contract.
8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the works.

Dated this _____ day of _____ 2015

Signature _____

In the capacity of _____ duly authorized to sign bid for and on behalf of _____

(Seal)

Address

Witness:-

(Signature) _____

Name: _____

Address: _____

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.

Reference 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 System International Units (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 contractors shall be paid and shall be the full inclusive value of the works set forth or implied in the Contract or

5.

BIDDING DATA

2

INSTRUCTION TO BIDDERS

Clause Reference

1.1 Name of Procuring Agency

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile Mirpurkhas Sindhri Road

Brief Description of Works

Construction of Black Top Road from Kanchari Road via Mano Shar, Abdullah Qaimkhani to Sandal Qaimkhani UC Phullahdyoun (Including 5 Culverts) (2.25 KM)

5.1 (a) Procuring Agency's address:

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile Mirpurkhas Sindhri Road

(b) Engineer's address:

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile Mirpurkhas Sindhri Road

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:

- Relevant Experience
- Turn-over of at least last three years
- Registration with Income Tax, Sales Tax and Pakistan Engineering Council (Where applicable)
- NTN (FBR) Certificate
- Sindh Revenue Board (SRB) Certificate

i. Financial capacity: (must have turnover of Rs. 0.10 Million)

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

iii. Construction Capacity: (Mention the name and number of equipments required for the work).

12.1 (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**

_____ 2% of Each Work _____

14.1 **Period of Bid Validity**

_____ 90 Days _____

14.4 **Number of Copies of the Bid to be submitted:**

One Original plus _____ copies

14.6 (a) **Procuring Agency's Address for the purpose of Bid submission**

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile
Mirpurkhas Sindhri Road

15.1 **Deadline for submission of Bids**

Time 02:00 PM on 11-01-2016

16.4 **Venue, Time, and Date of Bid Opening**

Venue: Office of the Town Committee Sindhri District Mirpurkhas

Time 03:00 PM Date 11-01-2016

16.4 **Responsiveness of Bids.**

- (i) Bid is valid till required period
- (ii) Bid prices are firm during currency of contract/price adjustment:
- (iii) Completion period offered is within specified limites.
- (iv) Bidder is eligible to bid and possesses the requisite experience, capability and qualification.
- (v) Bids are generally in order, etc.

Prorucing agency acan adopt either of two options.

- (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
(LETTER OF OFFER)

Bid Reference No. _____

To:

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. 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 amount of _____ drawn in your favour or made payable to you and valid for a period of Twenty Eight (28) days beyond the period of validity of bid.
4. We undertake, if our bid is accepted to commence the works and to deliver and complete the works comprised in the Contract within the time(s) stated in contract Data.
5. We agree to abide by this Bid for the period of _____ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our bid is accepted, to execute the performance security referred to in conditions of contract for the due performance of the contract.
8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the works.

Dated this _____ day of _____ 2015

Signature _____

In the capacity of _____ duly authorized to sign bid for and on behalf of _____

(Seal)

Address

Witness:-

(Signature) _____

Name: _____

Address: _____

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.

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BIDDING DATA

INSTRUCTION TO BIDDERS

Clause Reference

1.1 Name of Procuring Agency:

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile Mirpurkhas Sindhri Road

Brief Description of Works

Construction of Black Top Road from Shakir Shaheed road via Siyal Goth, to Sohrab Mari UC Hingorno (Including 6 Culvert) (2 KM)

5.1 (a) Procuring Agency's address:

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile Mirpurkhas Sindhri Road

(b) Engineer's address:

Office of the Town Committee Sindhri District Mirpurkhas P.O 12 Mile Mirpurkhas Sindhri Road

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

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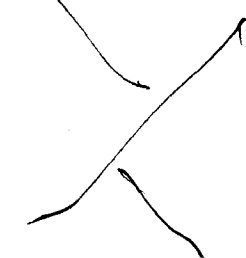
i. Financial capacity: (must have turnover of Rs. 0.10 Million)

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

iii. Construction Capacity: (Mention the name and number of equipments required for the work).

12.1 (a) A detailed description of the works, essential technical and performance characteristics:

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Bid Reference No. _____

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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 amount of _____ drawn in your favour or made payable to you and valid for a period of Twenty Eight (28) days beyond the period of validity of bid.
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5. We agree to abide by this Bid for the period of _____ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
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8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the works.

Dated this _____ day of _____ 2015

Signature _____

In the capacity of _____ duly authorized to sign bid for and on behalf of _____

(Seal)

Address

Witness:-

(Signature) _____

Name: _____

Address: _____

Preamble to schedule of Prices

1. General

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5.

1

SCHEDULE "B"
CONST: OF BLACK TOP ROAD FROM PHULLADYOON
KHIPRO ROAD TO VILLAGE KHALEFO ABDUL RAHIM BHUNPAR
UC PHULLADYOON (INCLUDING 2 CULVERTS)
Mile 0/0-0/6 (1.20 Kms)

Quantity No	Item of work.	Rate	Amount.
1 FORMATION			
	Earth work for road embankment by the bulldozers including plugging , mixing , clod , breaking dressing and compacting with optimum moisture content lead upto 100 ft and lift upto 5.00 ft in all types of soil except rock, (if earth work is done by other		
220011 Sft	(a) FOR 85% MODIFIED AASHO DENSITY	Rs 8681.23 P.% Sft	Rs. 1909966 /=
57103 Sft	(b) FOR 95-100% MODIFIED AASHO	Rs 11215.17 P.% Sft	Rs. 640420 /=
24473 Cft	2 SUB BASE COURSE:- Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.	Rs 10380.36 P.% Cft	Rs. 2540386 /=
8158 Rft	3 BRICK ON EDGING:- Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.(3 chains)	Rs 2729.96 P.% Rft	Rs. 222710 /=

24473 Cft	4 <u>BASE COURSE:-</u> 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.	Rs 11460.75 P.% Cft	Rs. 2804789 /=-
48946 Sft	5 <u>3 COAT SURFACE DRESSING</u> 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)	Rs 4314.67 P.% Sft	Rs. 2111858 /=-

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60682	6 EARTH WORK ON BERMS:-	Rs 7233.37	Rs.	438935 /=
Cft	Earth work embankment from barrow pits including laying in 6" layers, clod breaking ramming, dressing complete. Lead upto 2.00 miles and lift upto 5.00 ft. in all types of soil except rock. (in ordinary soil).	P.%0 Cft		
		Total	Rs.	10669064 /=
17.26	7 Ded Difference Cost of Bitumen	Rs 5427.00	(-) Rs.	-93670 /=
M.Ton		Per Ton		
		Total	Rs.	10575394 /=

Note:-

- ☞ No Premium will be allowed on item No.9 above
- ☞ As a result of subsequent sanction to the estimate should there be any variation in the quantities and rates of sanctioned estimate & these provided in schedule "B" of the tender, the contractor shall abide by the rates & quantities of sanctioned estimate

CONTRACTOR

ENGINEER
TOWN COMMITTEE
SINDHRI

SCHEDULE "B"
CONST: OF BLACK TOP ROAD FROM PHULLADYOON
KHIPRO ROAD TO VILLAGE KHALEFO ABDUL RAHIM BHUNPAR
UC PHULLADYOON (INCLUDING 2 CULVERTS)

Quantity No	Item of work.	Rate	Amount.
1056 Cft	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 sand, ashes or loose soil)	Rs 3176.25 P.%0 Cft	Rs. 3354 /=
239 Cft	2 CEMENT CONCRETE RATIO 1:4:8 Cement Concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8	Rs 9416.28 P.% Cft	Rs. 22505 /=
474 Cft	3 PUCCA BRICK WORK RATIO 1:4 Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4	Rs 12501.41 P.% Cft	Rs. 59257 /=
72 Cft	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)	Rs 14429.25 P.% Cft	Rs. 10389 /=
5.05 Cwt	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.)	Rs 4820.20 P. Cwt	Rs. 24342 /=
80 Cft	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.	Rs 337.00 P. Cft	Rs. 26960 /=

Continue on Page - 2

68	7 BRICK ON EDGE FLOORING	Rs 5256.63	Rs.	3575 /=
Sft	Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6	P.% Sft		
28	8 ERECTION AND REMOVAL	Rs 3127.41	Rs.	876 /=
Sft	Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical	P.% Sft		
261	9 CEMENT PLASTER RATIO 1:3	Rs 2344.59	Rs.	6119 /=
Sft	Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	P.% Sft		
		Total	Rs.	157377 /=
		01 Nos Culverts	Rs.	157377 /=

Note:-

- ☞ As a result of subsequent sanction to the estimate should there be any variation in the quantities and rates of sanctioned estimate & these provided in schedule "B" of the tender, the contractor shall abide by the rates & quantities of sanctioned estimate

CONTRACTOR**ENGINEER
TOWN COMMITTEE
SINDHRI**

SCHEDULE "B"
CONST: OF BLACK TOP ROAD FROM KANCHARI ROAD
VIA MANO SHAR, ABDULLAH QAIMKHANI TO SANDAL
QAIMKHANI UC PHULLADYOON (INCLD: 05 CULVERTS)
Mile 0/0-1/3+165 (2.25 Kms)

Quantity No	Item of work.	Rate	Amount.
1 FORMATION			
	Earth work for road embankment by the bulldozers including plugging , mixing , clod , breaking dressing and compacting with optimum moisture content lead upto 100 ft and lift upto 5.00 ft in all types of soil except rock, (if earth work is done by		
503518 Sft	(a) FOR 85% MODIFIED AASHO DENSITY	Rs 8681.23 P.% Sft	Rs. 4371156 /=
114206 Sft	(b) FOR 95-100% MODIFIED AASHO	Rs 11215.17 P.% Sft	Rs. 1280840 /=
2 SUB BASE COURSE:-			
48946 Cft	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.		
16315 Rft	3 BRICK ON EDGING:-	Rs 2729.96 P.% Rft	Rs. 445393 /=
	Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.(3 chains)		

48946 Cft	4 <u>BASE COURSE:-</u> 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.	Rs 11653.51 P.% Cft	Rs. 5703927 /=
97891 Sft	5 <u>3 COAT SURFACE DRESSING</u> 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)	Rs 4331.93 P.% Sft	Rs. 4240570 /=

Continue on Page - 3

121365	6 EARTH WORK ON BERMS:-	Rs 7233.37	Rs. 877878 /=-
Cft	Earth work embankment from barrow pits including laying in 6" layers, clod breaking ramming, dressing complete. Lead upto 2.00 miles and lift upto 5.00 ft. in all types of soil except rock. (in ordinary soil).	P.%0 Cft	
		Total	Rs. 22091697 /=-
34.52	7 Ded Difference Cost of Bitumen	Rs 5427.00	(-) Rs. -187340 /=-
M.Ton		Per Ton	
		Total	Rs. 21904357 /=-

Note:-

- ☞ No Premium will be allowed on item No.9 above
- ☞ As a result of subsequent sanction to the estimate should there be any variation in the quantities and rates of sanctioned estimate & these provided in schedule "B" of the tender, the contractor shall abide by the rates & quantities of sanctioned estimate

CONTRACTOR

ENGINEER
TOWN COMMITTEE
SINDHRI

SCHEDULE "B"

**CONST: OF BLACK TOP ROAD FROM KANCHARI ROAD
VIA MANO SHAR, ABDULLAH QAIMKHANI TO SANDAL
QAIMKHANI UC PHULLADYOON (INCLD: 05 CULVERTS)**

<u>Quantity</u>	<u>No</u>	<u>Item of work.</u>	<u>Rate</u>	<u>Amount.</u>
1056 Cft	1	<u>EXCAVATION</u> 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 sand, ashes or loose soil)	Rs 3176.25 P.% Cft	Rs. 3354 /=
239 Cft	2	<u>CEMENT CONCRETE RATIO 1:4:8</u> Cement Concrete brick or stone ballast .1 1/2" to 2" gauge. Ratio 1:4:8	Rs 9416.28 P.% Cft	Rs. 22505 /=
474 Cft	3	<u>PUCCA BRICK WORK RATIO 1:4</u> Pucca brick work in foundation and plinth in cement sand mortar Ratio 1:4	Rs 12501.41 P.% Cft	Rs. 59257 /=
72 Cft	4	<u>CEMENT CONCRETE (1:2:4)</u> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4)	Rs 14429.25 P.% Cft	Rs. 10389 /=
5.05 Cwt	5	<u>FEBRICATION</u> Febriation 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.)	Rs 4820.20 P. Cwt	Rs. 24342 /=
80 Cft	6	<u>R.C.C. WORK. RATIO 1:2:4</u> 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.	Rs 337.00 P. Cft	Rs. 26960 /=

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68	7 <u>BRICK ON EDGE FLOORING</u>	Rs 5256.63	Rs.	3575 /=
Sft	Brick on edge flooring laid in 1:6 cement mortar over a bed, 3/4" thick cement mortar Ratio 1:6	P.% Sft		
28	8 <u>ERECTION AND REMOVAL</u>	Rs 3127.41	Rs.	876 /=
Sft	Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical	P.% Sft		
-261	9 <u>CEMENT PLASTER RATIO 1:3</u>	Rs 2344.59	Rs.	6119 /=
Sft	Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	P.% Sft		
		Total	Rs.	157377 /=
		01 Nos Culverts	Rs.	157377 /=

Note:-

- ☞ As a result of subsequent sanction to the estimate should there be any variation in the quantities and rates of sanctioned estimate & these provided in schedule "B" of the tender, the contractor shall abide by the rates & quantities of sanctioned estimate

CONTRACTOR

ENGINEER
TOWN COMMITTEE
SINDHRI

3

SCHEDULE "B"
CONSTRUCTION OF BLACK TOP ROAD FROM
SHAKIR SHAHEED ROAD VIA SIYAL GOTH TO
SOHRAB MARI UC HINGORNO (INCLUDING 6 CULVERT)
Mile 0/0-1/2 (2.Kms)

Quantity No	Item of work.	Rate	Amount.
1 FORMATION			
Earth work for road embankment by the bulldozers including plugging , mixing , clod , breaking dressing and compacting with optimum moisture content lead upto 100 ft and lift upto 5.00 ft in all types of soil except rock, (if earth work is done by			
430562 Sft	(a) FOR 85% MODIFIED AASHO DENSITY	Rs 8681.23 P.% Sft	Rs. 3737808 /=
98370 Sft	(b) FOR 95-100% MODIFIED AASHO	Rs 11215.17 P.% Sft	Rs. 1103236 /=
2 SUB BASE COURSE:-			
42158 Cft	Preparing Sub Base Course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screening and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification. (Rate i/cs all cost of materials T&P, labours and carriage upto site of work.	Rs 9775.08 P.% Cft	Rs. 4120978 /=
3 BRICK ON EDGING:-			
14053 Rft	Laying Brick on end edging including supplying 9"x4 1/2"x3" first class bricks, excavation for laying edging with small size parallel to the road. Rate includes all cost of materials, T&P, labours, and carriage upto site of work.(3 chains)	Rs 2729.96 P.% Rft	Rs. 383641 /=

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42158 Cft	4 <u>BASE COURSE:-</u> 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.	Rs 10834.30 P.% Cft	Rs. 4567524 /=
84317 Sft	5 <u>3 COAT SURFACE DRESSING</u> 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)	Rs 4272.10 P.% Sft	Rs. 3602107 /=

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104535	6 EARTH WORK ON BERMS:-	Rs 7233.37	Rs. 756140 /=
Cft	Earth work embankment from barrow pits including laying in 6" layers, clod breaking ramming, dressing complete. Lead upto 2.00 miles and lift upto 5.00 ft. in all types of soil except rock. (in ordinary soil).	P.%0 Cft	
		Total	Rs. 18271434 /=
29.74	7 Ded Difference Cost of Bitumen	Rs 5427.00	(-) Rs. -161399 /=
M.Ton		Per Ton	
		Total	Rs. 18110035 /=

Note:-

- ☞ No Premium will be allowed on item No.9 above
- ☞ As a result of subsequent sanction to the estimate should there be any variation in the quantities and rates of sanctioned estimate & these provided in schedule "B" of the tender, the contractor shall abide by the rates & quantities of sanctioned estimate

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SCHEDULE "B"
CONSTRUCTION OF BLACK TOP ROAD FROM
SHAKIR SHAHEED ROAD VIA SIYAL GOTH TO
SOHRAB MARI UC HINGORNO (INCLUDING 6 CULVERT)

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