

**OFFICE OF THE EXECUTIVE ENGINEER ROAD & TRANSPORTS W&S DEPARTMENT**  
(AT SINDH GOVERNMENT HOSPITAL NEAR CHASE UP DEPARTMENTAL STORE NIPA  
CHOWRANGI KARACHI.

No.EE/TC/R&T/W&S/155

Karachi, dated 28/02/2017

**NOTICE INVITING TENDERS.**

(As per SPPRA Directives & Guidelines 2010)

Sealed tenders in (SBD's) form for the following works are invited from the interested contractors/ firms/parties meeting the eligibility criteria / Registered from Pakistan Engineering Council 2014 (PEC) in relevant category. limit of the category of following works, valid NTN certificate . Professional tax challan & attested copy of CNIC should have been participate under SPPRA rules 2010.

| SR. NO. | NAME OF WORKS.   | ESTT. COST. IN MILLION) | TENDER COST. | TIME OF COMPLETION |
|---------|--|-------------------------|--------------|--------------------|
| 1.      | M&R of Road from Zero Point to KANUPP Power Plant (Reach-I)  | 3.500                   | Rs.3,000/-   | 04 Months.         |
| 2       | M&R of Road from Zero Point to KANUPP Power Plant (Reach-II)                                       | 3.000                   | Rs.3,000/-   | 04 Months.         |
| 3.      | M&R of Road from Benazirabad to Mubarak Village (2.5 K.M in Portion)                               | 4.085                   | Rs.3,000/-   | 04 Months.         |
| 4       | M&R of Road from Hub River Road to Hawksbay Road via Benazirabad 0/0 -13.0 Km (1.5 KM in Portion). | 4.375                   | Rs.3,000/-   | 04 Months          |
| 5       | M&R of Road from Gulshan-e-Zia to Mai Ghari Karachi (Reach-I).                                     | 3.000                   | Rs.3,000/-   | 04 Months          |
| 6       | M&R of Road from Gulshan-e-Zia to Mai Ghari Karachi (Reach-II).                                    | 3.200                   | Rs.3,000/-   | 04 Months          |
| 7       | M&R of Road from Madinatula Hikmat University to Hub Dam Road (Reach-I).                           | 3.000                   | Rs.3,000/-   | 04 Months          |
| 8       | M&R of Road from Madinatula Hikmat University to Hub Dam Road (Reach-I).                           | 2.200                   | Rs.3,000/-   | 04 Months          |

**TERMS & CONDITIONS.**

Tender Schedule shall be as follows:

| <u>SCHEDULE</u>                                 | <u>DATE &amp; TIME.</u>      | <u>VENUE</u>   |
|---|------------------------------|--|
| Receiving of Application for issuance of Tender | 29/03/2017<br>up-to 3:00 P.M | @. SINDH GOVERNMENT HOSPITAL NEAR CHASE UP DEPARTMENTAL STORE NIPA CHOWRANGI KARACHI |
| Dropping of Tender                              | 30/03/2017<br>2.00 P.M.      | @ SINDH GOVERNMENT HOSPITAL NEAR CHASE UP DEPARTMENTAL STORE NIPA CHOWRANGI KARACHI. |
| Opening of Tender                               | 30 /03/2017<br>2.30 P.M.     | @ SINDH GOVERNMENT HOSPITAL NEAR CHASE UP DEPARTMENTAL STORE NIPA CHOWRANGI KARACHI. |

- The tender documents will be issued to the firms on submission of application in their original letter head along with Tender Cost (**in Cash Non Refundable**) as mentioned above.
- If the Tender un-responded the next date of issue of tender on 11-04-2017 up-to 2:00 PM & Dropping/Opening of Tender on 12-04-2017 at 3:00 PM.
- 2% (Two percent) of Bid quoted amount in shape of Pay order/Bank Draft, in favor of Executive Engineer, R&T (W&S) Karachi Shall must be attached with the tender Application, with-out P.O the tender application will not be accepted and tender will not be issued.
- The Contractor must mention their complete and correct present address in tender documents & quote the rates both in words & in figures, incomplete / conditional tenders will not be accepted. In addition the bidders must be furnished documentary evidence against each eligibility criteria as mentioned above. other-wise their tender will be summarily rejected without consideration

5. Original P.E.C, CNIC, SRB, Professional Certificate and N.T.N must be shown at the time of submission/depositing of application for issue of tender. The Original documents may be return after scrutiny of these original documents.
6. The tender can be downloading from SPPRA's website.
7. In case the date of opening declared as a Public holiday by the Government or non working day due to any reason the next official working day shall be deemed to be the date for submission and opening of tenders at the same time.
8. The procuring agency may reject all or any bids or proposals at any time prior to the acceptance of a bid or proposal, subject to the relevant provision of SPPRA rule 2010 amended in 2013.
9. In case of firm being partners / partnership deed, given full particulars of Director / Proprietors or other connected along with power of attorney. In case of being whole proprietor such under taking on affidavit is furnished.
10. Affidavit to the effect that the firm is not involved in any Court case and that no work has been left by the firm un-complete.
11. Documentary evidence regarding under completion / completed works along with satisfactory completion certificate from the concerned department.
12. An affidavit to the effect that the firm / contractor are not blacklisted by any executing agency should be enclosed with the bid.
13. Canvassing in connection with tenders is strictly prohibited and tenders submitted by the Contractors who report canvassing will liable for rejection.
14. Tenders will not be received after the schedule time & date.
15. It is advised to all Contractors/Firms to participate in the bids at their own will. As the position of funds may very time to time hence the Department will not indulge in any litigations.

The successful contractors, whose tenders are accepted, will have to obtain adhesive stamps from Assistant Superintendent Stamps, Govt. of Sindh; Karachi on payment of Stamps duty according to Schedule prescribed in the clause (a) article 15 of the stamp act 1899 amended rule 2015 and signs the agreement.

EXECUTIVE ENGINEER  
ROAD & TRANSPORTS  
KARACHI.

Copy along with copy of NIT f.w.cs. to:-

1. The Superintending Engineer, W&S Department, Karachi.
2. The Director of Information, Govt. of Sindh, Karachi along with 6-copies of NIT for publication in news papers English, Urdu & Sindhi for publicity.
3. The Director, SPPRA, Block-8, Secretariat 4A, Court Road Karachi. The tender documents & SPPRA bidding document for procurement of works are also on CD for information & pest on our website as per SPPRA rules.
4. Copy to Assistant Engineer (all), under this Division.
5. Copy to Notice Board for wide publicity.

EXECUTIVE ENGINEER  
ROAD & TRANSPORTS  
KARACHI.

**WORKS AND SERVICES DEPARTMENT  
GOVERNMENT OF SINDH, KARACHI**

NO. DB/SE/W&S/2016-17/ 3208

Karachi Dated 27-01-2017


To,

The Executive Engineer,  
Building Division I, II & III,  
Electrical / Energy I & II,  
✓ Road & Transport,  
Works & Services Department,  
Karachi.

SUBJECT:- NOTIFICATION

The worthy Secretary to Government of Sindh, Works & Services Department, Karachi, constitute Redressal Committee vide Notification No. E&A(W&S)3-9/91-14 dated 27-01-2017 the copy of said Notification is sent herewith for information and necessary action.

D.A./AS ABOVE

  
Superintending Engineer  
Works & Services Department  
Karachi

Copy forwarded to:-

- The Section Officer (General) for Secretary to Government of Sindh, Works & Services Department, Karachi for information w/r to his letter cited above.

  
Superintending Engineer  
Works & Services Department  
Karachi



GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT

Karachi, dated the 27<sup>th</sup> January, 2017

NOTIFICATION

No. E&A(W&S)3-9/91-14 With the approval of competent authority, a <sup>constitution</sup> Consultant of Redressal Committee, in terms of Rule-7 of Sindh Public Procurement Rules-2010 (Amended 2013) in the office of Executive Engineer, Buildings Division-I,II,III / Electrical Energy- I & II / Road & Transport & Executive Engineer, Highways Division, Karachi:-

|    |   |          |
|----|---|----------|
| 1. | Director General (Design), Works & Services Department, Government of Sindh, Karachi. | Chairman |
| 2. | Superintending Engineer, Provincial Buildings Circle, Karachi.                        | Member   |
| 3. | Representative of Accountant General, Sindh   | Member   |

2. The Functions & Responsibilities of the Committee will be same as specified in Rule-31(4) and (5) of Sindh Public Procurement Rule-2010.

SECRETARY TO GOVERNMENT OF SINDH

No. E&A(W&S)3-9/91-2014

Karachi, dated the 27<sup>th</sup> January, 2017.

A copy is forwarded for information to:-

1. The Accountant General, Sindh, Karachi.
2. The Managing Director, SPPRA, Karachi.
3. The Chairman / Members of the Committee.
4. The Deputy Director (Monitoring) PM&E Cell, W&SD, Karachi.
5. P.S to Minister, Works & Services Sindh, Karachi.
6. P.S to Secretary, Works & Services Department, Karachi.
7. Notification file.

  
SECTION OFFICER (GENERAL)  
FOR SECRETARY TO GOVT. OF SINDH



GOVERNMENT OF SINDH  
SERVICES, GENERAL ADMINISTRATION &  
COORDINATION DEPARTMENT  
(REGULATIONS WING)

Karachi, dated the 12<sup>th</sup> January, 2017

SAY NO TO CORRUPTION

NOTIFICATION

No. SORI(SGA&CD)2-30/2010:- In exercise of the powers conferred by Section 26 of the Sindh Public Procurement Act, 2009, the Government of Sindh are pleased to make the following amendments in the Sindh Public Procurement Rules, 2010 :-

AMENDMENT

For rule-18, the following shall be substituted:-

"18. Response Time. The procuring agency shall give due consideration to the scope, magnitude and nature of procurement, while deciding the response time, which shall not be less than fifteen calendar days in case of National Competitive Bidding, and thirty calendar days in case of International Competitive Bidding.

Provided that in case of International Competitive Bidding, the head of Department may increase the response time by a further fifteen days (total 45 days), if he is of the opinion that thirty days may be insufficient for response by bidders:

Provided further that the Notice Inviting Tender (NIT) shall be hoisted on Authority's website in case of procurements upto rupees one million and published in newspapers in case of over rupees one million on or before the date of issuance of bidding documents".

RIZWAN MEMON

Chief Secretary to Government of Sindh

No. SORI(SGA&CD)2-30/2010

Karachi, dated the 12<sup>th</sup> January, 2017

A copy is forwarded to the Superintendent, Sindh Government Printing Press, Karachi with a request to publish the same in the next issue of the Sindh Government Gazette and supply 300 copies thereof to this Department.

*M. S. A.*  
12.1.17  
(MUSADDIQUE MEMON)

SECTION OFFICER (REGULATION-I)

①

**FORM - B-1/2.**

ISSUED TO MR/M/S \_\_\_\_\_

AND CHARGED Rs. \_\_\_\_\_

D.R.NO \_\_\_\_\_ DATED: \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

**ITEMS RATES/PERCENTAGE TENDER AND CONTRACT FOR WORKS.**

I/We hereby Tender for the execution of the Governor of Sindh herein before and hereinafter referred to as "Government" of the work specified in the under written memorandum within the time specified in such memorandum at (in figures as well as in word).

Percent **BELOW / ABOVE** the estimated rates entered in Schedule "B" (Memorandum showing items of work to be carried out) and in accordance in all respects with the Specifications, Design, Drawings and Instructions in writing referred to in Rules here of and in Clause 2 of the annexed conditions of contract and agree that when materials for the work are provided by the in Schedule "A" hereto.

**( M E M O R A N D U M )**

General Description

M&R of Road from Zero Point to KANUPP  
Power Plant (Reach-I)

- |  |                                     |
|--|-------------------------------------|
| A. Estimated Cost.   | OFFER RATE / L.S. RS.35,00,000/-    |
| B. Earnest Money 2%.   | 2% OF BID OFFER/L.S. RS.70,000/-    |
| C. Security Deposit (i/c E/Money 10%).   | 10% OF BID OFFER./L.S.RS.3,50,000/- |
| D. Percentage if any to be deducted from Bill 8%.  | 08% OF BID OFFER/L.S.RS..2.80,000/- |
| E. Time allowed for the completion of work from the date fixed in written order to commence. | (04) Months.                        |

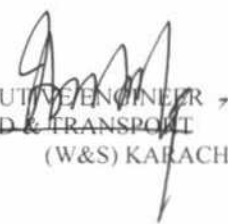
Should this tender be accepted I / We hereby agreed to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto so far applicable and in default thereof to forfeit and pay to Government the sums of mentioned in the said conditions.

Security Receipt Pay Order No. \_\_\_\_\_ dated \_\_\_\_\_ from \_\_\_\_\_

\_\_\_\_\_ in respect of the sum of Rs \_\_\_\_\_ is herewith forwarded representing the earnest money.

**NOTE:-**In case my / our tender is accepted I / We agree to fulfill and sign the regular B-1/2 Tender from which will then to be considered as Agreement for works and under take to abide by all the terms and conditions incorporated in the Printed B-1/2 Form and specifications in force.

**CONTRACTOR.** \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

*KANUPP*  
**M & R TO ZERO PIONT HAWKS BAY TO ~~KANAB~~ POWER PLANT (IN PORTION) 5KM**  
*REACH-1*

**SCHEDULE - B**

| S. NO.                              | QUANTITY  | ITEM OF WORK  | UNIT | RATE  | AMOUNT              |
|-------------------------------------|-----------|---|------|---|---------------------|
| <b>ROAD WORK (SCHEDULE ITEM)</b>    |           |   |      |   |                     |
| 1                                   |           | PROVIDING AND LAYING Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. |      | 7451.7  |                     |
|                                     | 11,147.50 |   | %Cft | Seven thousand Four Hundred Fifty One & Seventy Paise         | 830,678.26          |
| 2                                   |           | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  |      | 8274.73   |                     |
|                                     | 31,850.00 |   | %Sft | Eight Thousand Two Hundred Seventy Four & Seventy Three Paise | 2,635,501.51        |
| <b>AMOUNT OF SCHEDULE ITEMS RS.</b> |           |   |      |   | <b>3,466,179.76</b> |

(2)

**FORM - B-1/2.**

ISSUED TOMR/M/S \_\_\_\_\_

AND CHARGED Rs. \_\_\_\_\_

D.R.NO \_\_\_\_\_ DATED: \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

**ITEMS RATES/PERCENTAGE TENDER AND CONTRACT FOR WORKS.**

I/We hereby Tender for the execution of the Governor of Sindh herein before and hereinafter referred to as "Government" of the work specified in the under written memorandum within the time specified in such memorandum at (in figures as well as in word).

Percent **BELOW / ABOVE** the estimated rates entered in Schedule "B" (Memorandum showing items of work to be carried out) and in accordance in all respects with the Specifications, Design, Drawings and Instructions in writing referred to in Rules here of and in Clause 2 of the annexed conditions of contract and agree that when materials for the work are provided by the in Schedule "A" hereto.

**( M E M O R A N D U M )**

General Description

M&R of Road from Zero Point to KANUPP  
Power Plant (Reach-II)

- |  |                                     |
|--|-------------------------------------|
| A. Estimated Cost.   | OFFER RATE / L.S. RS.30,00,000/-    |
| B. Earnest Money 2%.   | 2% OF BID OFFER/L.S. RS.60,000/-    |
| C. Security Deposit (i/c E/Money 10%).   | 10% OF BID OFFER./L.S.RS.3,00,000/- |
| D. Percentage if any to be deducted from Bill 8%.  | 08% OF BID OFFER/L.S.RS.,2,40,000/- |
| E. Time allowed for the completion of work from the date fixed in written order to commence. | (04) Months.                        |

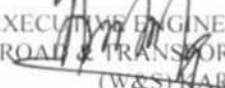
Should this tender be accepted I / We hereby agreed to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto so far applicable and in default thereof to forfeit and pay to Government the sums of mentioned in the said conditions.

Security Receipt Pay Order No. \_\_\_\_\_ dated \_\_\_\_\_ from \_\_\_\_\_

\_\_\_\_\_ in respect of the sum of Rs \_\_\_\_\_ is herewith forwarded representing the earnest money.

**NOTE:-**In case my / our tender is accepted I / We agree to fulfill and sign the regular B-1/2 Tender from which will then to be considered as Agreement for works and under take to abide by all the terms and conditions incorporated in the Printed B-1/2 Form and specifications in force.

**CONTRACTOR.**

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI



KANUPP  
**ZERO PIONT HAWKS BAY TO KANAB POWER PLANT (IN PORTION) 5KM**  
 (REACH-II)  
**SCHEDULE - B**


| S. NO.                              | QUANTITY  | ITEM OF WORK   | UNIT | RATE  | AMOUNT              |
|-------------------------------------|-----------|--|------|---|---------------------|
| <b>ROAD WORK (SCHEDULE ITEM)</b>    |           |  |      |   |                     |
| 1                                   |           | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the |      |   |                     |
|                                     | 9,218.40  | Engineer Incharge.   | SCft | 7451.70   | <b>686,927.51</b>   |
|                                     |           |  |      | Seven Thousand Four Hundred Fifty One & Seventy Paise         |                     |
| 2                                   |           | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc.  |      |   |                     |
|                                     | 27,600.00 | (Machinery with POLs cost of material carriage).   | %Sft | 8274.73   | <b>2,283,825.48</b> |
|                                     |           |  |      | Eight Thousand Two Hundred Seventy Four & seventy Three Paise |                     |
| <b>AMOUNT OF SCHEDULE ITEMS RS.</b> |           |  |      |   | <b>2,970,752.99</b> |

F O R M - B-1/2.

ISSUED TOMR/M/S \_\_\_\_\_

AND CHARGED Rs. \_\_\_\_\_

D.R.NO \_\_\_\_\_ DATED: \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

ITEMS RATES/PERCENTAGE TENDER AND CONTRACT FOR WORKS.

I/We hereby Tender for the execution of the Governor of Sindh herein before and hereinafter referred to as "Government" of the work specified in the under written memorandum within the time specified in such memorandum at (in figures as well as in word).

Percent **BELOW / ABOVE** the estimated rates entered in Schedule "B" (Memorandum showing items of work to be carried out) and in accordance in all respects with the Specifications, Design, Drawings and Instructions in writing referred to in Rules here of and in Clause 2 of the annexed conditions of contract and agree that when materials for the work are provided by the in Schedule "A" hereto.

( M E M O R A N D U M )

General Description

M&R of Road from Benazirabad to Mubarak Village ~~2.5~~ K.M in Portion)

- |  |                                     |
|--|-------------------------------------|
| A. Estimated Cost.   | OFFER RATE / L.S. RS.40,85,000/-    |
| B. Earnest Money 2%.   | 2% OF BID OFFER/L.S. RS.82,000/-    |
| C. Security Deposit (i/c E/Money 10%).   | 10% OF BID OFFER./L.S.RS.4,09,000/- |
| D. Percentage if any to be deducted from Bill 8%.  | 08% OF BID OFFER/L.S.RS..3,27,000/- |
| E. Time allowed for the completion of work from the date fixed in written order to commence. | (04) Months.                        |

Should this tender be accepted I / We hereby agreed to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto so far applicable and in default thereof to forfeit and pay to Government the sums of mentioned in the said conditions.

Security Receipt Pay Order No. \_\_\_\_\_ dated \_\_\_\_\_ from \_\_\_\_\_

\_\_\_\_\_ in respect of the sum of Rs \_\_\_\_\_ is herewith forwarded representing the earnest money.

**NOTE:-**In case my / our tender is accepted I / We agree to fulfill and sign the regular B-1/2 Tender from which will then to be considered as Agreement for works and under take to abide by all the terms and conditions incorporated in the Printed B-1/2 Form and specifications in force.

CONTRACTOR. \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

# M & R Road from Benazirabad to Mubarak Village Road (In Portion) 4.5Km

## SCHEDULE- B

| S. NO.                                  | QUANTITY   | ITEM OF WORK  | UNIT  | RATE   | AMOUNT              |
|---|------------|---|-------|--|---------------------|
| <b><u>ROAD WORK (SCHEDULE ITEM)</u></b> |            |   |       |  |                     |
| 1                                       |            | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | %Cft  | 7451.7   | 613,245.10          |
|   | 8,229.60   |   |       | Seven Thousand Four<br>Hundred Fifty One &<br>Seventy Paia         |                     |
| 2                                       |            | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | %Sft  | 8274.73  | 1,787,341.68        |
|   | 21,600.00  |   |       | Eight Thousand Two<br>Hundred Seventy Four<br>& Seventy Three Paia |                     |
| 3                                       |            | Earth work for road embankment by bulldozer i/c. ploughing mixing cold breaking dressing and compacting with optimum moisture content lead up to 100 ft. and lift upto 5.0 ft. in all types of soil except rock. Compaction 85% density on berms.   | % Cft | 3656.23  | 402,989.67          |
|   | 110,220.00 |   |       | Three Thousand Six<br>Hundred Fifty Six &<br>Twenty Three Paia     |                     |
| <b><u>REPAIR OF TOE WALL</u></b>        |            |   |       |  |                     |
| 4                                       |            | Course rubber Masonry including hammer dressing in plinth & foundation in cement sand mortor ratio 1:4  | %Cft  | 26475  | 1,191,375.00        |
|   | 4,500.00   |   |       | Twenty Six Thousand<br>Four Hundred &<br>Seventy Five only         |                     |
| 5                                       |            | Providing & Laying 2" thick topping cement concrete (1:2:4) including Surface finishing and dividing into panels. (S.I-16(c)/42)  | %Sft  | 3275.5   | 49,132.50           |
|   | 1,500.00   |   |       | Three Thousand two<br>Hundred Seventy Five 7<br>Fifty Paia only    |                     |
| <b>AMOUNT OF SCHEDULE ITEMS RS.</b>     |            |   |       |  | <b>4,044,083.95</b> |

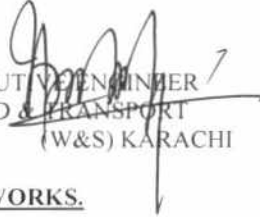
(4)

**FORM - B-1/2.**

ISSUED TO MR/M/S \_\_\_\_\_

AND CHARGED Rs. \_\_\_\_\_

D.R. NO \_\_\_\_\_ DATED: \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

**ITEMS RATES/PERCENTAGE TENDER AND CONTRACT FOR WORKS.**

I/We hereby Tender for the execution of the Governor of Sindh herein before and hereinafter referred to as "Government" of the work specified in the under written memorandum within the time specified in such memorandum at (in figures as well as in word).

Percent **BELOW / ABOVE** the estimated rates entered in Schedule "B" (Memorandum showing items of work to be carried out) and in accordance in all respects with the Specifications, Design, Drawings and Instructions in writing referred to in Rules here of and in Clause 2 of the annexed conditions of contract and agree that when materials for the work are provided by the in Schedule "A" hereto.

**( M E M O R A N D U M ),**

General Description

M&R of Road from Hub River Road to Hawksbay Road via Benazirabad 0/0 -13.0 Km (1.5 KM in Portion).

- A. Estimated Cost. OFFER RATE / L.S. RS.43,75,000/-
- B. Earnest Money 2%. 2% OF BID OFFER/L.S. RS.88,000/-
- C. Security Deposit (i/c E/Money 10%). 10% OF BID OFFER./L.S.RS.4,38,000/-
- D. Percentage if any to be deducted from Bill 8%. 08% OF BID OFFER/L.S.RS.,3,50,000/-
- E. Time allowed for the completion of work from the date fixed in written order to commence. (04) Months.

Should this tender be accepted I / We hereby agreed to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto so far applicable and in default thereof to forfeit and pay to Government the sums of mentioned in the said conditions.

Security Receipt Pay Order No. \_\_\_\_\_ dated \_\_\_\_\_ from \_\_\_\_\_

\_\_\_\_\_ in respect of the sum of Rs \_\_\_\_\_ is herewith forwarded representing the earnest money.

**NOTE:-**In case my / our tender is accepted I / We agree to fulfill and sign the regular B-1/2 Tender from which will then to be considered as Agreement for works and under take to abide by all the terms and conditions incorporated in the Printed B-1/2 Form and specifications in force.

**CONTRACTOR.** \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

| M&R of Road from Hub River road to Hawks bay road Via Benazirabad 0/0-13.0 Km<br>(1.5 Km in portions) |          |   |         |   |                         |                  |  |
|---|----------|---|---------|---|-------------------------|------------------|--|
| (SCHEDULE B)  |          |   |         |   |                         |                  |  |
| S.#   | Quantity | Description   | Rate    | Amount in words   | Unit                    | Amount (Rs)      |  |
| 1   | 4455     | Providing and Laying Aggregate Base Coarse of 80% of CBR as per (AASHTO standard specification ) i/c compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc. ) i/c watering with all lead and lift etc., complete accurate compacted thickness shall be considered for the payments and as directed by the engineer in charge   | 5542.24 | Rupees five thousand five hundred forty two and twenty four paisa only      | % cft                   | 246,907          |  |
| 2   | 17820    | Applying priming coat or tack coat with approved binder at required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc complete.  | 64.94   | Rupees sixty four and ninety four paisa only                                | % sft                   | 11,572           |  |
| 3   | 53460    | Providing 1.1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 Cft bajri ,5 Cft hill sand of approved quality and grade, bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface rate includes all costs of materials , T &P and its carriage upto 3 chains. | 6873.79 | Rupees Six thousand Eight hundred seventy three and seventy nine paisa only | % sft                   | 3,674,728        |  |
|   |          |   |         |   | <b>Total</b>            | <b>3,933,207</b> |  |
|   |          |   |         |   | <b>Total in Million</b> | <b>3.93</b>      |  |

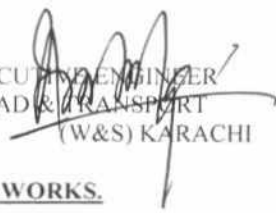
5

**FORM - B-1/2.**

ISSUED TOMR/M/S \_\_\_\_\_

AND CHARGED Rs. \_\_\_\_\_

D.R.NO \_\_\_\_\_ DATED: \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

**ITEMS RATES/PERCENTAGE TENDER AND CONTRACT FOR WORKS.**

I/We hereby Tender for the execution of the Governor of Sindh herein before and hereinafter referred to as "Government" of the work specified in the under written memorandum within the time specified in such memorandum at (in figures as well as in word).

Percent **BELOW / ABOVE** the estimated rates entered in Schedule "B" (Memorandum showing items of work to be carried out) and in accordance in all respects with the Specifications, Design, Drawings and Instructions in writing referred to in Rules here of and in Clause 2 of the annexed conditions of contract and agree that when materials for the work are provided by the in Schedule "A" hereto.

**( M E M O R A N D U M )**

|  |  |
|--|--|
| General Description  | M&R of Road from Gulshan-e-Zia to Mai Ghari Karachi (Reach-I). |
| A. Estimated Cost.   | OFFER RATE / L.S. RS.30,00,000/-                               |
| B. Earnest Money 2%.   | 2% OF BID OFFER/L.S. RS.60,000/-                               |
| C. Security Deposit (i/c E/Money 10%).   | 10% OF BID OFFER./L.S.RS.3,00,000/-                            |
| D. Percentage if any to be deducted from Bill 8%.  | 08% OF BID OFFER/L.S.RS.,2,40,000/-                            |
| E. Time allowed for the completion of work from the date fixed in written order to commence. | (04) Months.   |

Should this tender be accepted I / We hereby agreed to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto so far applicable and in default thereof to forfeit and pay to Government the sums of mentioned in the said conditions.

Security Receipt Pay Order No \_\_\_\_\_ dated \_\_\_\_\_ from \_\_\_\_\_

\_\_\_\_\_ in respect of the sum of Rs \_\_\_\_\_ is herewith forwarded representing the earnest money.

**NOTE:-**In case my / our tender is accepted I / We agree to fulfill and sign the regular B-1/2 Tender from which will then to be considered as Agreement for works and under take to abide by all the terms and conditions incorporated in the Printed B-1/2 Form and specifications in force.

**CONTRACTOR.** \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

| M&R of Road from Gulshan e Zia to Mai Ghari Karachi (Reach I) |          |   |         |   |                         |                  |  |
|---|----------|---|---------|---|-------------------------|------------------|--|
| (SCHEDULE B)  |          |   |         |   |                         |                  |  |
| S.#   | Quantity | Description   | Rate    | Amount in words   | Unit                    | Amount (Rs)      |  |
| 1   | 4950     | Providing and Laying Aggregate Base Coarse of 80% of CBR as per (AASHTO standard specification ) i/c compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc. ) i/c watering with all lead and lift etc., complete accurate compacted thickness shall be considered for the payments and as directed by the engineer in charge   | 5542.24 | Rupees five thousand five hundred forty two and twenty four paisa only      | % cft                   | 274,341          |  |
| 2   | 19800    | Applying priming coat or tack coat with approved binder at required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc complete.  | 64.94   | Rupees sixty four and ninety four paisa only                                | % sft                   | 12,858           |  |
| 3   | 37620    | Providing 1.1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 Cft bajri ,5 Cft hill sand of approved quality and grade, bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface rate includes all costs of materials , T &P and its carriage upto 3 chains. | 6873.79 | Rupees Six thousand Eight hundred seventy three and seventy nine paisa only | % sft                   | 2,585,920        |  |
|   |          |   |         |   | <b>Total</b>            | <b>2,873,119</b> |  |
|   |          |   |         |   | <b>Total in Million</b> | <b>2.87</b>      |  |

6

**F O R M - B-1/2.**

ISSUED TOMR/M/S \_\_\_\_\_

AND CHARGED Rs. \_\_\_\_\_

D.R.NO \_\_\_\_\_ DATED: \_\_\_\_\_

EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

**ITEMS RATES/PERCENTAGE TENDER AND CONTRACT FOR WORKS.**

I/We hereby Tender for the execution of the Governor of Sindh herein before and hereinafter referred to as "Government" of the work specified in the under written memorandum within the time specified in such memorandum at (in figures as well as in word).

Percent **BELOW / ABOVE** the estimated rates entered in Schedule "B" (Memorandum showing items of work to be carried out) and in accordance in all respects with the Specifications, Design, Drawings and Instructions in writing referred to in Rules here of and in Clause 2 of the annexed conditions of contract and agree that when materials for the work are provided by the in Schedule "A" hereto.

**( M E M O R A N D U M ),**

General Description

M&R of Road from Gulshan-e-Zia to Mai Ghari Karachi (Reach-II).

- A. Estimated Cost. OFFER RATE / L.S. RS.32,00,000/-
- B. Earnest Money 2%. 2% OF BID OFFER/L.S. RS.64,000/-
- C. Security Deposit (i/c E/Money 10%). 10% OF BID OFFER./L.S.RS.3,20,000/-
- D. Percentage if any to be deducted from Bill 8%. 08% OF BID OFFER/L.S.RS.,2,56,000/-
- E. Time allowed for the completion of work from the date fixed in written order to commence. (04) Months.

Should this tender be accepted I / We hereby agreed to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto so far applicable and in default thereof to forfeit and pay to Government the sums of mentioned in the said conditions.

Security Receipt Pay Order No. \_\_\_\_\_ dated \_\_\_\_\_ from \_\_\_\_\_

\_\_\_\_\_ in respect of the sum of Rs \_\_\_\_\_ is herewith forwarded representing the earnest money.

**NOTE:-**In case my / our tender is accepted I / We agree to fulfill and sign the regular B-1/2 Tender from which will then to be considered as Agreement for works and under take to abide by all the terms and conditions incorporated in the Printed B-1/2 Form and specifications in force.

**CONTRACTOR.** \_\_\_\_\_

EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI



M&R of Road from Gulshan e Zia to Mai Ghari Karachi (Reach II)

(SCHEDULE B)

| S.#              | Quantity | Description   | Rate    | Amount in words   | Unit  | Amount (Rs) |
|------------------|----------|---|---------|---|-------|-------------|
| 1                | 4950     | Providing and Laying Aggregate Base Coarse of 80% of CBR as per (AASHTO standard specification ) i/c compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc. ) i/c watering with all lead and lift etc., complete accurate compacted thickness shall be considered for the payments and as directed by the engineer in charge   | 5542.24 | Rupees five thousand five hundred forty two and twenty four paisa only      | % cft | 274,341     |
| 2                | 19800    | Applying priming coat or tack coat with approved binder at required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc complete.  | 64.94   | Rupees sixty four and ninety four paisa only                                | % sft | 12,858      |
| 3                | 39600    | Providing 1.1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 Cft bajri ,5 Cft hill sand of approved quality and grade, bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface rate includes all costs of materials , T &P and its carriage upto 3 chains. | 6873.79 | Rupees Six thousand Eight hundred seventy three and seventy nine paisa only | % sft | 2,722,021   |
| Total            |          |   |         |   |       | 3,009,220   |
| Total in Million |          |   |         |   |       | 3.01        |

⑦

**F O R M - B-1/2.**

ISSUED TOMR/M/S \_\_\_\_\_

AND CHARGED Rs. \_\_\_\_\_

D.R.NO \_\_\_\_\_ DATED: \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

**ITEMS RATES/PERCENTAGE TENDER AND CONTRACT FOR WORKS.**

I/We hereby Tender for the execution of the Governor of Sindh herein before and hereinafter referred to as "Government" of the work specified in the under written memorandum within the time specified in such memorandum at (in figures as well as in word).

Percent **BELOW / ABOVE** the estimated rates entered in Schedule "B" (Memorandum showing items of work to be carried out) and in accordance in all respects with the Specifications, Design, Drawings and Instructions in writing referred to in Rules here of and in Clause 2 of the annexed conditions of contract and agree that when materials for the work are provided by the in Schedule "A" hereto.

**( M E M O R A N D U M ).**

General Description

M&R of Road from Madinatula Hikmat University to Hub Dam Road (Reach-I).

- |  |                                     |
|--|-------------------------------------|
| A. Estimated Cost.   | OFFER RATE / L.S. RS.30,00,000/-    |
| B. Earnest Money 2%.   | 2% OF BID OFFER/L.S. RS.60,000/-    |
| C. Security Deposit (i/c E/Money 10%).   | 10% OF BID OFFER./L.S.RS.3,00,000/- |
| D. Percentage if any to be deducted from Bill 8%.  | 08% OF BID OFFER/L.S.RS.,2,40,000/- |
| E. Time allowed for the completion of work from the date fixed in written order to commence. | (04) Months.                        |

Should this tender be accepted I / We hereby agreed to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto so far applicable and in default thereof to forfeit and pay to Government the sums of mentioned in the said conditions.

Security Receipt Pay Order No. \_\_\_\_\_ dated \_\_\_\_\_ from \_\_\_\_\_

\_\_\_\_\_ in respect of the sum of Rs \_\_\_\_\_ is herewith forwarded representing the earnest money.

**NOTE:-**In case my / our tender is accepted I / We agree to fulfill and sign the regular B-1/2 Tender from which will then to be considered as Agreement for works and under take to abide by all the terms and conditions incorporated in the Printed B-1/2 Form and specifications in force.

**CONTRACTOR.** \_\_\_\_\_

  
EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

**M & R ROAD FROM MADINATUL HIKMAT UNIVERSITY TO HUB DAM ROAD  
(REACH-I)**

**SCHEDULE - B**

| S. NO.                              | QUANTITY   | ITEM OF WORK  | UNIT   | RATE  | AMOUNT              |
|-------------------------------------|------------|---|--------|---|---------------------|
| <b>ROAD WORK (SCHEDULE ITEM)</b>    |            |   |        |   |                     |
| 1                                   | 6,660.00   | providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | %Cft   | 7451.7<br>Seven Thousand Four<br>Hundred Fifty One &<br>Seven Paisa               | 496,283.22          |
| 2                                   | 20,000.00  | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | %Sft   | 8274.73<br>Eight Thousand Two<br>Hundred Seventy<br>Four & Seventy Three<br>Paisa | 1,654,946.00        |
| 3                                   | 224,400.00 | Earth work for road embankment by bulldozer i/c. ploughing mixing cold breaking dressing and compacting with optimum moisture content lead up to 100 ft. and lift upto 5.0 ft. in all types of soil except rock. Compaction 85% density on berms.   | %* Cft | 3656.23<br>Three Thousand Six<br>Hundred Fifty Six &<br>Twenty Three Paisa        | 820,458.01          |
| <b>AMOUNT OF SCHEDULE ITEMS RS.</b> |            |   |        |   | <b>2,971,687.23</b> |

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**FORM - B-1/2.**

ISSUED TOMR/M/S \_\_\_\_\_

AND CHARGED Rs. \_\_\_\_\_

D.R.NO \_\_\_\_\_ DATED: \_\_\_\_\_

EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

**ITEMS RATES/PERCENTAGE TENDER AND CONTRACT FOR WORKS.**

I/We hereby Tender for the execution of the Governor of Sindh herein before and hereinafter referred to as "Government" of the work specified in the under written memorandum within the time specified in such memorandum at (in figures as well as in word).

Percent **BELOW / ABOVE** the estimated rates entered in Schedule "B" (Memorandum showing items of work to be carried out) and in accordance in all respects with the Specifications, Design, Drawings and Instructions in writing referred to in Rules here of and in Clause 2 of the annexed conditions of contract and agree that when materials for the work are provided by the in Schedule "A" hereto.

**( M E M O R A N D U M ),**

General Description

M&R of Road from Madinatula Hikmat University to Hub Dam Road (Reach-II).

- A. Estimated Cost. OFFER RATE / L.S. RS.22,00,000/-
- B. Earnest Money 2%. 2% OF BID OFFER/L.S. RS.44,000/-
- C. Security Deposit (i/c E/Money 10%). 10% OF BID OFFER./L.S.RS.2,20,000/-
- D. Percentage if any to be deducted from Bill 8%. 08% OF BID OFFER/L.S.RS.,1,76,000/-
- E. Time allowed for the completion of work from the date fixed in written order to commence. (04) Months.

Should this tender be accepted I / We hereby agreed to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto so far applicable and in default thereof to forfeit and pay to Government the sums of mentioned in the said conditions.

Security Receipt Pay Order No. \_\_\_\_\_ dated \_\_\_\_\_ from \_\_\_\_\_

\_\_\_\_\_ in respect of the sum of Rs \_\_\_\_\_ is herewith forwarded representing the earnest money.

**NOTE:-**In case my / our tender is accepted I / We agree to fulfill and sign the regular B-1/2 Tender from which will then to be considered as Agreement for works and under take to abide by all the terms and conditions incorporated in the Printed B-1/2 Form and specifications in force.

**CONTRACTOR.** \_\_\_\_\_

EXECUTIVE ENGINEER  
ROAD & TRANSPORT  
(W&S) KARACHI

**M & R ROAD FROM MADINATUL HIKMAT UNIVERSITY TO HUB DAM ROAD  
(REACH-II)  
SCHEDULE - B**

| S. NO.                              | QUANTITY   | ITEM OF WORK  | UNIT  | RATE  | AMOUNT              |
|-------------------------------------|------------|---|-------|---|---------------------|
| <b>ROAD WORK (SCHEDULE ITEM)</b>    |            |   |       |   |                     |
| 1                                   | 5,328.00   | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | %Cft  | 7451.7  | 397,026.58          |
|                                     |            |   |       | Seven Thousand<br>Four Hundred<br>Fifty One & Seven<br>Paisa              |                     |
| 2                                   | 16,000.00  | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | %Sft  | 8274.73   | 1,323,956.80        |
|                                     |            |   |       | Eight Thousand<br>Two Hundred<br>Seventy Four &<br>Seventy Three<br>Paisa |                     |
| 3                                   | 123,420.00 | Earth work for road embankment by bulldozer i/c. ploughing mixing cold breaking dressing and compacting with optimum moisture content lead up to 100 ft. and lift upto 5.0 ft. in all types of soil except rock. Compaction 85% density on berms.   | % Cft | 3656.23   | 451,251.91          |
|                                     |            |   |       | Three Thousand<br>Six Hundred Fifty<br>Six & Twenty<br>Three Paisa        |                     |
| <b>AMOUNT OF SCHEDULE ITEMS RS.</b> |            |   |       |   | <b>2,172,235.28</b> |

OFFICE OF THE EXECUTIVE ENGINEER

**ROAD & TRANSPORT**  
WORKS & SERVICES DEPARTMENT



**DETAIL WORKING ESTIMATE**

**M & R TO ZERO POINT HAWKS BAY TO KANAB  
POWER PLANT (IN PORTION) 5KM**

Estimate Cost Rs. **3.50** Million

OFFICE OF THE ASSISTANT ENGINEER-III  
ROAD & TRANSPORT  
Works & Services Department, Karachi

**M & R TO ZERO PIONT HAWKS BAY TO KANAB POWER PLANT (IN PORTION)**

**5KM**

**SUMMARY OF COST**

| <b>S. NO.</b> | <b>DESCRIPTION</b>                         | <b>AMOUNT</b>       |
|---------------|--|---------------------|
| 1             | Total Cost of Schedule of Rates 2012       | 3,466,179.76        |
|               | <b>Grand Total of S.R &amp; O.R. Items</b> | <b>3,466,179.76</b> |
| 2             | 1% Contingencies on Schedule Item          | 33,820.24           |
|               | <b>Total Cost of Work</b>                  | <b>3,500,000.00</b> |
|               | <b>SAY IN MILLION</b>                      | <b>3.50</b>         |



  
**ASSISTANT ENGINEER-III**  
Road & Transport  
Karachi

**M & R TO ZERO PIONT HAWKS BAY TO KANAB POWER PLANT (IN  
PORTION) 5KM**

**ABSTRACT SHEET**

| S. NO.                                  | ITEM OF WORK  | QUANTITY  | RATE    | UNIT   | AMOUNT              |
|---|---|-----------|---------|--------|---------------------|
| <b><u>ROAD WORK (SCHEDULE ITEM)</u></b> |   |           |         |        |                     |
| 1                                       | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | 11,147.50 | 7451.7  | \$Cft  | 830,678.26          |
| 2                                       | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | 31,850.00 | 8274.73 | \$\$ft | 2,635,501.51        |
| <b>AMOUNT OF SCHEDULE ITEMS RS.</b>     |   |           |         |        | <b>3,466,179.76</b> |

  
**(SUB ENGINEER)**

  
**ASSISTANT ENGINEER-III**  
Road & Transport  
Karachi



**M & R TO ZERO PIONT HAWKS BAY TO KANAB POWER PLANT (IN PORTION) 5KM**

**Measurement Sheet**

| S. #                                    | ITEM OF WORK  | Nos. | Length | Width | Depth | UNIT | TOTAL QTY. |
|---|---|------|--------|-------|-------|------|------------|
| <b><u>ROAD WORK (SCHEDULE ITEM)</u></b> |   |      |        |       |       |      |            |
| 1                                       | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | 13   | 100    | 24.5  | 0.35  | Cft  | 11,147.50  |
| 2                                       | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | 13   | 100    | 24.5  |       | Sft  | 31,850.00  |

  
(SUB ENGINEER)

  
ASSISTANT ENGINEER-III  
Road & Transport  
Karachi

OFFICE OF THE EXECUTIVE ENGINEER

**ROAD & TRANSPORT**  
WORKS & SERVICES DEPARTMENT



**DETAIL WORKING ESTIMATE**

**M & R TO ZERO POINT HAWKS BAY TO <sup>KANUPP.</sup> KANAB  
POWER PLANT (IN PORTION) 5KM**

Estimate Cost Rs. **3.00** Million

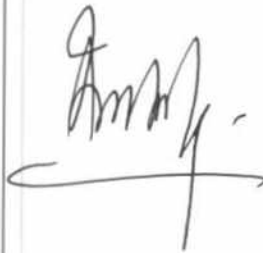
**OFFICE OF THE ASSISTANT ENGINEER-III**  
**ROAD & TRANSPORT**  
Works & Services Department, Karachi

**M & R TO ZERO PIONT HAWKS BAY TO KANAB POWER PLANT (IN PORTION)**

**5KM**

**SUMMARY OF COST**

| S. NO. | DESCRIPTION                                | AMOUNT              |
|--------|--|---------------------|
| 1      | Total Cost of Schedule of Rates 2012       | 2,970,752.99        |
|        | <b>Grand Total of S.R &amp; O.R. Items</b> | <b>2,970,752.99</b> |
| 2      | 1% Contingencies on Schedule Item          | 29,247.01           |
|        | <b>Total Cost of Work</b>                  | <b>3,000,000.00</b> |
|        | <b>SAY IN MILLION</b>                      | <b>3.00</b>         |



  
**ASSISTANT ENGINEER-III**  
Road & Transport  
Karachi

**M & R TO ZERO PIONT HAWKS BAY TO KANAB POWER PLANT (IN PORTION) 5KM**

**ABSTRACT SHEET**

| S. NO.                                  | ITEM OF WORK  | QUANTITY  | RATE    | UNIT   | AMOUNT              |
|---|---|-----------|---------|--------|---------------------|
| <b><u>ROAD WORK (SCHEDULE ITEM)</u></b> |   |           |         |        |                     |
| 1                                       | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | 9,218.40  | 7451.7  | \$Cft  | 686,927.51          |
| 2                                       | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | 27,600.00 | 8274.73 | \$\$ft | 2,283,825.48        |
| <b>AMOUNT OF SCHEDULE ITEMS RS.</b>     |   |           |         |        | <b>2,970,752.99</b> |

  
(SUB ENGINEER)

  
ASSISTANT ENGINEER-III  
Road & Transport  
Karachi

**M & R TO ZERO PIONT HAWKS BAY TO KANAB POWER PLANT (IN PORTION) 5KM**

**Measurement Sheet**

| S. #                                    | ITEM OF WORK  | Nos. | Length | Width | Depth | UNIT | TOTAL QTY. |
|---|---|------|--------|-------|-------|------|------------|
| <b><u>ROAD WORK (SCHEDULE ITEM)</u></b> |   |      |        |       |       |      |            |
| 1                                       | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | 12   | 100    | 23    | 0.334 | Cft  | 9,218.40   |
| 2                                       | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | 12   | 100    | 23    |       | Sft  | 27,600.00  |

  
(SUB ENGINEER)

  
ASSISTANT ENGINEER-III  
Road & Transport  
Karachi

OFFICE OF THE EXECUTIVE ENGINEER

**ROAD & TRANSPORT**  
WORKS & SERVICES DEPARTMENT



**DETAIL WORKING ESTIMATE**

***M & R Road from Benazirabad to Mubarak  
Village Road (In Portion) 4.5Km***

Estimate Cost Rs. **4.085** Million

**OFFICE OF THE ASSISTANT ENGINEER-III**  
**ROAD & TRANSPORT**  
Works & Services Department, Karachi

**M & R Road from Benazirabad to Mubarak Village Road (In Portion) 4.5Km**

**SUMMARY OF COST**

| <b>S. NO.</b> | <b>DESCRIPTION</b>                         | <b>AMOUNT</b>       |
|---------------|--|---------------------|
| 1             | Total Cost of Schedule of Rates 2012       | 4,044,083.95        |
|               | <b>Grand Total of S.R &amp; O.R. Items</b> | <b>4,044,083.95</b> |
| 2             | 1% Contingencies on Schedule Item          | 40,916.05           |
|               | <b>Total Cost of Work</b>                  | <b>4,085,000.00</b> |
|               | <b>SAY IN MILLION</b>                      | <b>4.085</b>        |



  
**ASSISTANT ENGINEER-III**  
Road & Transport  
Karachi

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**M & R Road from Benazirabad to Mubarak Village Road (In Portion)**  
**4.5Km**

**ABSTRACT SHEET**

| S. NO.                                  | ITEM OF WORK  | QUANTITY   | RATE    | UNIT  | AMOUNT       |
|---|---|------------|---------|-------|--------------|
| <b><u>ROAD WORK (SCHEDULE ITEM)</u></b> |   |            |         |       |              |
| 1                                       | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | 8,229.60   | 7451.7  | %Cft  | 613,245.10   |
| 2                                       | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | 21,600.00  | 8274.73 | %Sft  | 1,787,341.68 |
| 3                                       | Earth work for road embankment by bulldozer i/c. ploughing mixing cold breaking dressing and compacting with optimum moisture content lead up to 100 ft. and lift upto 5.0 ft. in all types of soil except rock. Compaction 85% density on berms.   | 110,220.00 | 3656.23 | % Cft | 402,989.67   |
| <b><u>REPAIR OF TOE WALL</u></b>        |   |            |         |       |              |
| 4                                       | Course rubber Masonry including hammer dressing in plinth & foundation in cement sand mortar ratio 1:4  | 4,500.00   | 26475   | %Cft  | 1,191,375.00 |
| 5                                       | Providing & Laying 2" thick topping cement concrete (1:2:4) including Surface finishing and dividing into panels. (S.I-16(c)/42)  | 1,500.00   | 3275.5  | %Sft  | 49,132.50    |

AMOUNT OF SCHEDULE ITEMS RS. 4,044,083.95

  
**(SUB ENGINEER)**

  
**ASSISTANT ENGINEER-III**  
 Road & Transport  
 Karachi



OFFICE OF THE EXECUTIVE ENGINEER

# ROAD & TRANSPORT

WORKS & SERVICES DEPARTMENT



## DETAIL WORKING ESTIMATE

**M&R of Road from Hub River road to Hawks  
bay road Via Benazirabad 0/0-13.0 Km  
(1.5 Km in portions)**

Estimate Cost Rs. **4.01** Million

**OFFICE OF THE ASSISTANT ENGINEER-III  
ROAD & TRANSPORT**

Works & Services Department, Karachi

**M&R of Road from Hub River road to Hawks bay road Via Benazirabad 0/0-13.0 Km  
(1.5 Km in portions)**

**Summary of Cost**

| SR. # | Description                       | Amount (Rs)      |
|-------|-----------------------------------|------------------|
| 1     | COST OF SCHEDULE ITEMS            | 3,933,207        |
| 2     | 2 % CONTINGENCY ON SCHEDULE ITEMS | 78,664           |
|       | <b>Grand Total</b>                | <b>4,011,871</b> |
|       | <b>Million</b>                    | <b>4.01</b>      |



  
 Assistant Engineer-III  
 Road & Transport  
 Karachi

| M&R of Road from Hub River road to Hawks bay road Via Benazirabad 0/0-13.0 Km<br>(1.5 Km in sections) |   |      |        |       |       |          |        |     |
|---|---|------|--------|-------|-------|----------|--------|-----|
| Measurement Sheet   |   |      |        |       |       |          |        |     |
| SR. #   | Description   | Nos. | Length | Width | Depth | Quantity | Unit   |     |
| <b>ROAD WORKS</b>   |   |      |        |       |       |          |        |     |
| 1   | Providing and Laying Aggregate Base Coarse of 80% CBR as per (AASHTO standard specification) i/c compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc. ) i/c watering with all lead and lift etc., complete accurate compacted thickness shall be considered for the payments and as directed by the engineer in charge       | 1.50 | 3300   | 18    | 0.25  | 20%      | 4,455  | cft |
| 2   | Applying priming coat or tack coat with approved binder at required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc complete.  | 1.50 | 3300   | 18    |       | 20%      | 17,820 | sft |
| 3   | Providing 1.1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 Cft bajri ,5 Cft hill sand of approved quality and grade, bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface rate includes all costs of materials , T &P and its carriage upto 3 chains. | 1.50 | 3300   | 18    |       | 60%      | 53,460 | sft |

*Sub. Engr*

*Asst. Engr*  
Assistant Engineer-III  
Road & Transport  
Karachi

**M&R of Road from Hub River road to Hawks bay road Via Benazirabad 0/0-13.0 Km  
(1.5 Km in portions)**

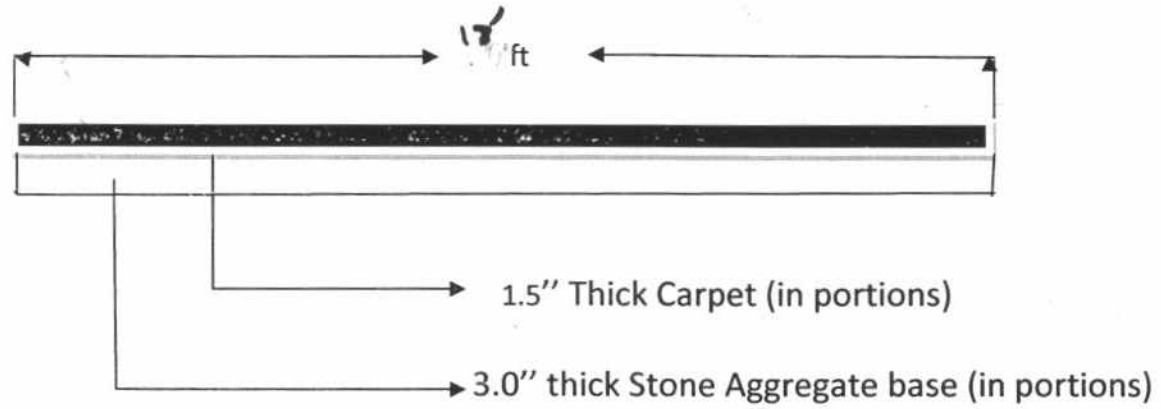
**Measurement Sheet**

| SR. #             | Description   | Nos. | Length | Width | Depth |     | Quantity | Unit |
|-------------------|---|------|--------|-------|-------|-----|----------|------|
| <b>ROAD WORKS</b> |   |      |        |       |       |     |          |      |
| 1                 | Providing and Laying Aggregate Base Coarse of 80% of CBR as per (AASHTO standard specification ) i/c compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc. ) i/c watering with all lead and lift etc., complete accurate compacted thickness shall be considered for the payments and as directed by the engineer in charge   | 1.50 | 3300   | 18    | 0.25  | 20% | 4,455    | cft  |
| 2                 | Applying priming coat or tack coat with approved binder at required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc complete.  | 1.50 | 3300   | 18    |       | 20% | 17,820   | sft  |
| 3                 | Providing 1.1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 Cft bajri ,5 Cft hill sand of approved quality and grade, bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface rate includes all costs of materials , T &P and its carriage upto 3 chains. | 1.50 | 3300   | 18    |       | 60% | 53,460   | sft  |

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Assistant Engineer-III  
Road & Transport  
Karachi

## PROPOSED SECTION OF THE ROAD



  
Assistant Engineer-III  
Road & Transport  
Karachi

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**OFFICE OF THE EXECUTIVE ENGINEER  
(R & T) HIGHWAY DIVISION  
WORKS & SERVICES DEPARTMENT  
KARACHI**



**DETAIL WORKING ESTIMATE**

**M&R of Road from Gulshan e Zia to Mai Ghari  
Karachi (Reach I)**

**ESTIMATED COST RS. 2.93 MILLION**

**PREPARED BY : ASSISTANT ENGINEER HIGHWAY SUB DIVISION NO-III  
WORKS & SERVICES DEPARTMENT DISTRICT  
KARACHI**

**M&R of Road from Gulshan e Zia to Mai Ghari Karachi (Reach I)**

**Summary of Cost**

| SR. # | Description                          | Amount (Rs)      |
|-------|--------------------------------------|------------------|
| 1     | <b>COST OF SCHEDULE ITEMS</b>        | <b>2,873,119</b> |
| 2     | <b>CONTINGENCY ON SCHEDULE ITEMS</b> | <b>57,462</b>    |
|       | <b>Grand Total</b>                   | <b>2,930,581</b> |
|       | <b>Million</b>                       | <b>2.93</b>      |



  
Assistant Engineer-III  
Road & Transport  
Karachi

**M&R of Road from Gulshan e Zia to Mai Ghari Karachi (Reach I)**

**Abstract of Cost**

**Road Work (SCHEDULE ITEMS)**

| SR. #                   | Description   | Unit  | Quantity | Rate    | Amount (Rs)      |
|-------------------------|---|-------|----------|---------|------------------|
| 1                       | Providing and Laying Aggregate Base Coarse of 80% of CBR as per (AASHTO standard specification ) i/c compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc. ) i/c watering with all lead and lift etc., complete accurate compacted thickness shall be considered for the payments and as directed by the engineer in charge   | % cft | 4950     | 5542.24 | <b>274,341</b>   |
| 2                       | Applying priming coat or tack coat with approved binder at required rate including cleaning the road surface throughly, heating to the required temperature and spraying the binder with pressure as directed etc complete.   | % sft | 19800    | 64.94   | <b>12,858</b>    |
| 3                       | Providing 1.1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 Cft bajri ,5 Cft hill sand of approved quality and grade, bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface rate includes all costs of materials , T &P and its carriage upto 3 chains. | Each  | 37620    | 6873.79 | <b>2,585,920</b> |
| <b>Total</b>            |   |       |          |         | <b>2,873,119</b> |
| <b>Total in Million</b> |   |       |          |         | <b>2.87</b>      |

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Assistant Engineer-III  
Road & Transport  
Karachi



**M&R of Road from Gulshan e Zia to Mai Ghari Karachi (Reach I)**

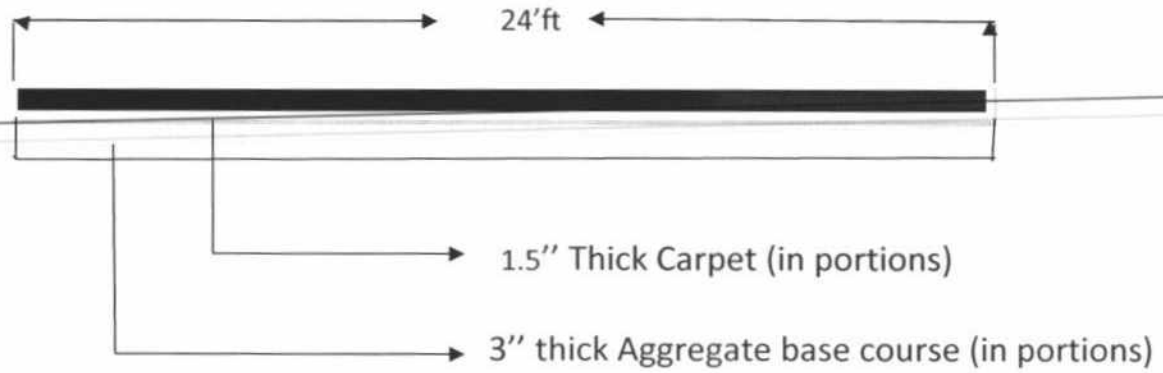
**Measurement Sheet**

| SR. #             | Description   | Nos. | Length | Width | Depth |     | Quantity | Unit |
|-------------------|---|------|--------|-------|-------|-----|----------|------|
| <b>ROAD WORKS</b> |   |      |        |       |       |     |          |      |
| 1                 | Providing and Laying Aggregate Base Coarse of 80% of CBR as per (AASHTO standard specification ) i/c compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc. ) i/c watering with all lead and lift etc., complete accurate compacted thickness shall be considered for the payments and as directed by the engineer in charge   | 2.50 | 3300   | 24    | 0.25  | 10% | 4,950    | cft  |
| 2                 | Applying priming coat or tack coat with approved binder at required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc complete.  | 2.50 | 3300   | 24    |       | 10% | 19,800   | sft  |
| 3                 | Providing 1.1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 Cft bajri ,5 Cft hill sand of approved quality and grade, bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface rate includes all costs of materials , T &P and its carriage upto 3 chains. | 2.50 | 3300   | 24    |       | 19% | 37,620   | sft  |

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Assistant Engineer-III  
Road & Transport  
Karachi

## PROPOSED SECTION OF THE ROAD



*Sauji*  
Assistant Engineer-III  
Road & Transport  
Karachi

(6)

**OFFICE OF THE EXECUTIVE ENGINEER  
(R & T) HIGHWAY DIVISION  
WORKS & SERVICES DEPARTMENT  
KARACHI**



**DETAIL WORKING ESTIMATE**

**M&R of Road from Gulshan e Zia to Mai Ghari**

**Karachi (Reach II)**

**ESTIMATED COST RS. 3.07 MILLION**

PREPARED BY : ASSISTANT ENGINEER HIGHWAY SUB DIVISION NO-III  
WORKS & SERVICES DEPARTMENT DISTRICT  
KARACHI

**M&R of Road from Gulshan e Zia to Mai Ghari Karachi (Reach II)**

**Summary of Cost**

| SR. # | Description                          | Amount (Rs)      |
|-------|--------------------------------------|------------------|
| 1     | <b>COST OF SCHEDULE ITEMS</b>        | <b>3,009,220</b> |
| 2     | <b>CONTINGENCY ON SCHEDULE ITEMS</b> | <b>60,184</b>    |
|       | <b>Grand Total</b>                   | <b>3,069,404</b> |
|       | <b>Million</b>                       | <b>3.07</b>      |



  
Assistant Engineer-III  
Road & Transport  
Karachi

**M&R of Road from Gulshan e Zia to Mai Ghari Karachi (Reach II)**

**Abstract of Cost**

**Road Work (SCHEDULE ITEMS)**

| SR. #                   | Description   | Unit  | Quantity | Rate    | Amount (Rs)      |
|-------------------------|---|-------|----------|---------|------------------|
| 1                       | Providing and Laying Aggregate Base Coarse of 80% of CBR as per (AASHTO standard specification ) i/c compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc. ) i/c watering with all lead and lift etc., complete accurate compacted thickness shall be considered for the payments and as directed by the engineer in charge   | % cft | 4950     | 5542.24 | 274,341          |
| 2                       | Applying priming coat or tack coat with approved binder at required rate including cleaning the road surface throughly, heating to the required temperature and spraying the binder with pressure as directed etc complete.   | % sft | 19800    | 64.94   | 12,858           |
| 3                       | Providing 1.1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 Cft bajri ,5 Cft hill sand of approved quality and grade, bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface rate includes all costs of materials , T &P and its carriage upto 3 chains. | Each  | 39600    | 6873.79 | 2,722,021        |
| <b>Total</b>            |   |       |          |         | <b>3,009,220</b> |
| <b>Total in Million</b> |   |       |          |         | <b>3.01</b>      |

  
 Assistant Engineer-III  
 Road & Transport  
 Karachi

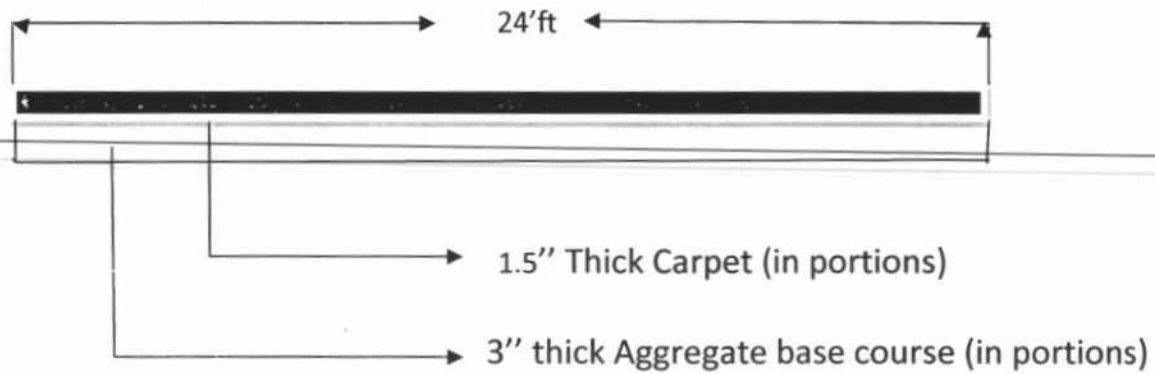
**M&R of Road from Gulshan e Zia to Mai Ghari Karachi (Reach II)**

**Measurement Sheet**

| SR. #             | Description   | Nos. | Length | Width | Depth |            | Quantity      | Unit |
|-------------------|---|------|--------|-------|-------|------------|---------------|------|
| <b>ROAD WORKS</b> |   |      |        |       |       |            |               |      |
| 1                 | Providing and Laying Aggregate Base Coarse of 80% of CBR as per (AASHTO standard specification ) i/c compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc. ) i/c watering with all lead and lift etc., complete accurate compacted thickness shall be considered for the payments and as directed by the engineer in charge   | 2.50 | 3300   | 24    | 0.25  | 10%        | <b>4,950</b>  | cft  |
| 2                 | Applying priming coat or tack coat with approved binder at required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc complete.  | 2.50 | 3300   | 24    |       | <b>10%</b> | <b>19,800</b> | sft  |
| 3                 | Providing 1.1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 15 Cft bajri ,5 Cft hill sand of approved quality and grade, bitumen of 80/100 penetration including mixing in mechanical mixer in required proportion including heating materials and cleaning the road surface rate includes all costs of materials , T &P and its carriage upto 3 chains. | 2.50 | 3300   | 24    |       | 20%        | <b>39,600</b> | sft  |

  
 Assistant Engineer-III  
 Road & Transport  
 Karachi.

PROPOSED SECTION OF THE ROAD



*Singh*  
Assistant Engineer-III  
Road & Transport  
Karachi

OFFICE OF THE EXECUTIVE ENGINEER

**ROAD & TRANSPORT**  
WORKS & SERVICES DEPARTMENT



**DETAIL WORKING ESTIMATE**

**M & R ROAD FROM MADINATUL HIKMAT  
UNIVERSITY TO HUB DAM ROAD (REACH-I)**

Estimate Cost Rs. **3.00** Million

OFFICE OF THE ASSISTANT ENGINEER-III  
ROAD & TRANSPORT  
Works & Services Department, Karachi



**M & R ROAD FROM MADINATUL HIKMAT UNIVERSITY TO HUB DAM ROAD**  
**(REACH-I)**

**SUMMARY OF COST**

| <b>S. NO.</b> | <b>DESCRIPTION</b>                         | <b>AMOUNT</b>       |
|---------------|--|---------------------|
| 1             | Total Cost of Schedule of Rates 2012       | 2,971,687.23        |
|               | <b>Grand Total of S.R &amp; O.R. Items</b> | <b>2,971,687.23</b> |
| 2             | 1% Contingencies on Schedule Item          | 28,312.77           |
|               | <b>Total Cost of Work</b>                  | <b>3,000,000.00</b> |
|               | <b>SAY IN MILLION</b>                      | <b>3.00</b>         |



  
**ASSISTANT ENGINEER-III**  
Road & Transport  
Karachi

**M & R ROAD FROM MADINATUL HIKMAT UNIVERSITY TO HUB DAM**  
**ROAD (REACH-I)**

**ABSTRACT SHEET**

| S. NO.                                  | ITEM OF WORK  | QUANTITY   | RATE    | UNIT  | AMOUNT              |
|---|---|------------|---------|-------|---------------------|
| <b><u>ROAD WORK (SCHEDULE ITEM)</u></b> |   |            |         |       |                     |
| 1                                       | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | 6,660.00   | 7451.7  | %Cft  | 496,283.22          |
| 2                                       | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | 20,000.00  | 8274.73 | %Sft  | 1,654,946.00        |
| 3                                       | Earth work for road embankment by bulldozer i/c. ploughing mixing cold breaking dressing and compacting with optimum moisture content lead up to 100 ft. and lift upto 5.0 ft. in all types of soil except rock. Compaction 85% density on berms.   | 224,400.00 | 3656.23 | % Cft | 820,458.01          |
| <b>AMOUNT OF SCHEDULE ITEMS RS.</b>     |   |            |         |       | <b>2,971,687.23</b> |

  
**(SUB ENGINEER)**

  
**ASSISTANT ENGINEER-III**  
Road & Transport  
Karachi

**M & R ROAD FROM MADINATUL HIKMAT UNIVERSITY TO HUB DAM**  
**ROAD (REACH-I)**

**Measurement Sheet**

| S. #                                    | ITEM OF WORK  | Nos. | Length | Width | Depth | UNIT | TOTAL QTY. |
|---|---|------|--------|-------|-------|------|------------|
| <b><u>ROAD WORK (SCHEDULE ITEM)</u></b> |   |      |        |       |       |      |            |
| 1                                       | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | 10   | 100    | 20    | 0.333 | Cft  | 6,660.00   |
| 2                                       | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | 10   | 100    | 20    |       | Sft  | 20,000.00  |
| 3                                       | Earth work for road embankment by bulldozer i/c. ploughing mixing cold breaking dressing and compacting with optimum moisture content lead up to 100 ft. and lift upto 5.0 ft. in all types of soil except rock. Compaction 85% density on berms.   | 2x4  | 3300   | 10    | 0.85  | Cft  | 224,400.00 |

  
**(SUB ENGINEER)**

  
**ASSISTANT ENGINEER-III**  
 Road & Transport  
 Karachi

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OFFICE OF THE EXECUTIVE ENGINEER

**ROAD & TRANSPORT**  
WORKS & SERVICES DEPARTMENT



**DETAIL WORKING ESTIMATE**

***M & R ROAD FROM MADINATUL HIKMAT  
UNIVERSITY TO HUB DAM ROAD (REACH-I)***

Estimate Cost Rs.

**2.20**

Million

OFFICE OF THE ASSISTANT ENGINEER-III  
ROAD & TRANSPORT  
Works & Services Department, Karachi

**M & R ROAD FROM MADINATUL HIKMAT UNIVERSITY TO HUB DAM ROAD**  
**(REACH-I)**

**SUMMARY OF COST**

| <b>S. NO.</b> | <b>DESCRIPTION</b>                         | <b>AMOUNT</b>       |
|---------------|--|---------------------|
| 1             | Total Cost of Schedule of Rates 2012       | 2,172,235.28        |
|               | <b>Grand Total of S.R &amp; O.R. Items</b> | <b>2,172,235.28</b> |
| 2             | 1% Contingencies on Schedule Item          | 27,764.71           |
|               | <b>Total Cost of Work</b>                  | <b>2,200,000.00</b> |
|               | <b>SAY IN MILLION</b>                      | <b>2.20</b>         |



  
**ASSISTANT ENGINEER-III**  
Road & Transport  
Karachi

**M & R ROAD FROM MADINATUL HIKMAT UNIVERSITY TO HUB DAM**  
**ROAD (REACH-I)**

**ABSTRACT SHEET**

| S. NO.                                  | ITEM OF WORK  | QUANTITY   | RATE    | UNIT   | AMOUNT              |
|---|---|------------|---------|--------|---------------------|
| <b><u>ROAD WORK (SCHEDULE ITEM)</u></b> |   |            |         |        |                     |
| 1                                       | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | 5,328.00   | 7451.7  | %Cft   | 397,026.58          |
| 2                                       | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | 16,000.00  | 8274.73 | %Sft   | 1,323,956.80        |
| 3                                       | Earth work for road embankment by bulldozer i/c. ploughing mixing cold breaking dressing and compacting with optimum moisture content lead up to 100 ft. and lift upto 5.0 ft. in all types of soil except rock. Compaction 85% density on berms.   | 123,420.00 | 3656.23 | %° Cft | 451,251.91          |
| <b>AMOUNT OF SCHEDULE ITEMS RS.</b>     |   |            |         |        | <b>2,172,235.28</b> |

  
**(SUB ENGINEER)**

  
**ASSISTANT ENGINEER-III**  
Road & Transport  
Karachi

**M & R ROAD FROM MADINATUL HIKMAT UNIVERSITY TO HUB DAM**  
**ROAD (REACH-I)**

**Measurement Sheet**

| S. #                                    | ITEM OF WORK  | Nos. | Length | Width | Depth | UNIT | TOTAL QTY. |
|---|---|------|--------|-------|-------|------|------------|
| <b><u>ROAD WORK (SCHEDULE ITEM)</u></b> |   |      |        |       |       |      |            |
| 1                                       | Providing and laying Aggregate base course of 80% of CBR as per (AASHTO standard specification) i/c. compacting to require density by the approved mechanical mean ( vibratory roller road packer and smooth wheel roller etc.) i/c. watering with all lead and lift etc. complete accurate compacted thickness shall be considered for the payment and as directed by the Engineer Incharge. | 8    | 100    | 20    | 0.333 | Cft  | 5,328.00   |
| 2                                       | Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) prepared to specified formula according to job mix formula approved by Engineer Incharge including rolling and finishing to proper line, grade level and camber etc. (Machinery with POLs cost of material carriage).  | 8    | 100    | 20    |       | Sft  | 16,000.00  |
| 3                                       | Earth work for road embankment by bulldozer i/c. ploughing mixing cold breaking dressing and compacting with optimum moisture content lead up to 100 ft. and lift upto 5.0 ft. in all types of soil except rock. Compaction 85% density on berms.   | 2x2  | 3300   | 11    | 0.85  | Cft  | 123,420.00 |

  
**(SUB ENGINEER)**

  
**ASSISTANT ENGINEER-III**  
 Road & Transport  
 Karachi