



GOVERNMENT OF PAKISTAN
PAKISTAN PUBLIC WORKS DEPARTMENT
Peoples Colony Lahori Muhallah Larkana

No.EE/CCD/LRK/SAP/2023-2024/134

Larkano dated: 08/04/2024.

To,

The Director,
Press Information Department,
Government of Pakistan,
Hyderabad

The Deputy Director,
Public Procurement Regulatory Authority
Sector G-5/2, FBC Building
Islamabad.

SUBJECT: CLASSIFIED ADVERTISEMENT INVITATION TO BID.

Please find enclosed herewith four copies of specimen classified advertisement – Notice Inviting Tenders, for publication in two daily leading newspapers as per detail:-

a	Date of Publication	<u>Up to 09-04-2024.</u>
b	Number of Insertion:	One.
c	Page Position:	Inner
d	Color:	Black
e	Target:	Larkana
f	Special position:	Box Form
g	Number of News Papers:	Two Leading News Papers(Each one in English & Urdu)

Necessary bill (in duplicate) supported with the tear sheets of the newspapers wherein the advertisement appeared may be sent to this office for payment thereof.

Sd/-

Executive Engineer
Central Civil Division
Pak P.W.D. Larkana
PH: 074-4040037

❖ Copy along with specimen classified advertisement, is forwarded for information to: -

1. The Chief Engineer (South), Pak. P.W.D., Karachi.
2. The Superintending Engineer, Central Civil Circle Pak. P.W.D Sukkur.
3. Executive Engineer (Monitoring), Director General's Office, Pak P.W.D., Islamabad.
4. The General Secretary, Pak P.W.D. Contractor's Association, Saddar, Karachi.
5. The General Secretary, Pak P.W.D. Contractor's Action Committee, Saddar, Karachi.
6. The Divisional Accounts Officer, of this Division.
7. Cashier, of this Division.
8. Notice Board.

Sd/-

EXECUTIVE ENGINEER



GOVERNMENT OF PAKISTAN
PAKISTAN PUBLIC WORKS DEPARTMENT
Peoples Colony Lahori Muahllah Larkaha

No.EE/CCD/LRK/SAP/2023-2024/134

Larkano dated: 08/04/2024.

INVITATION TO BID

1). Executive Engineer, Central Civil Division, Pak PWD, Larkana situated at building Plot No.5,29,30 Peoples Colony, Larkano -invites sealed tenders, under Single Stage Two Envelope & on percentage rate basis for the work tabulated hereunder, from the Contractors/Firms registered with Income Tax, Sindh Revenue Board& having valid licence of Pakistan Engineering Council for the **(Year 2023-24)** in appropriate category & field of specializations.

2). A complete set of Bidding Documents containing detailed terms and conditions may be purchased by an interested eligible bidder upon payment of a non-refundable fee as shown against each in cash/ or in Shape of Pay order.

3). Bidders will submit two sealed envelopes simultaneously, one containing the Technical Proposal and the other Financial Proposals, duly marked separately and enclosed together in an outer single envelope, in consonance with Rule-36(b) of PPRA 2004, so as to reach the undersigned. Technical proposals will be opened on the same day in the presence of bidders/representatives who choose to attend, at the same address. The time and schedule are narrated hereunder.

- i) Issuance of Bidding documents upto : **02-05-2024. (Office Hours)**
ii) Casting / Dropping of Bids on : **03-05-2024. 10:30 A.M**
iii) Opening of Technical Bids on : **03-05-2024. 11:00 A.M**

4). In accordance with PPRA Rule-25; Bid Security i.e. fixed amount as shown against each is required, in shape of **CDR/ Pay Order /Bank Guarantee** in favor of undersigned, duly mentioned the name & title of the firm by any schedule bank.

5). The bidder will submit Bid Security attached with Technical Proposal, otherwise it will be treated as NON-RESPONSIVE.

S#	Name of Scheme	N.I.T AMOUNT (In Rs.)	Fixed Bid Security (in Rs)	Tender Cost (in Rs)
1	Construction Of Metalled Road From Aadmani Phatak To Gate Shaheed Nawab Saifullah Khan Magsi, Shahdadkot District Kamber-Shahdadkot	38,834,757/=	2,000,000/=	3,000/=
2	Construction of Metalled Road from Aamir Khan Pump To Garhi Khairo Road To Chandio Pump Shahdadkot District Kamber-Shahdadkot.	38,835,033/=	2,000,000/=	3,000/=

3	Construction Of Metalled Road, Tuff Paver, Road & Drain From Alamdar Chowk Via Gul Hassan Kirsha Shop Upto Pump Bagho Road, Shahdadkot District Kamber-Shahdadkot	30,690,905/=	1,600,000/=	3,000/=
4	Construction Of Metalled Road From Karam Khan Pump To Iqra Petrol Pump Shahdadkot, District Kamber-Shahdadkot	27,184,800/=	1,400,000/=	3,000/=
5	Construction Of Metalled Road From Iqra Petrol Pump To Police Chowki Shahdadkot, District Kamber-Shahdadkot.	27,184,117/=	1,400,000/=	3,000/=

Terms & Conditions:

- 6). No bidding document will be issued on the day of opening & no application will be entertained for issuance after cutoff date as mentioned at Para 3(i), which will strictly be adhered to. The competent authority in accordance with PPRA Rule -33 of 2004 may reject all bids all proposals any time prior to the acceptance of a bid or proposal. Other terms and conditions in the bidding documents will apply mutatis mutandis.
- 7). The firm must be (E-filler) and provide Active Tax Payer certificate along with technical bid along with application.
8. Original Application on letter head.
9. Attested Copy of Valid Pakistan Engineering Council (2023-24).
10. Valid Attested CNIC of the Owner.
11. Attested Copy of NTN/SRB Certificate.
12. Under taking on original stamp paper of Rs:100/ that the firm/constructors is neither involved in any litigation with any Divisional Office of this Department and other Department nor abandoned any work black listed in any Department along with certificate / particular / information furnished are true and correct duly attested by oath commissioner along with application.
13. Tender Notice is also available at PPRA website (www.ppra.org.pk).

Sd/-
Executive Engineer
Central Civil Division
Pak P.W.D. Larkana
PH: 074-4040037

Name of Work:- **Construction Of Metalled Road From Aadmani Phatak To Gate Shaheed Nawab Saifullah Khan Magsi, Shahdadkot District Kamber-Shahdadkot**

GENERAL ABSTRACT OF COST

SH-Metalled Road.

Rs. 38,834,757

**Assistant Executive Engineer
Central Civil Division
Pak P.W.D. Larkana**

**Executive Engineer
Central Civil Division
Pak P.W.D Larkana**

Name of Work: **Construction Of Metalled Road From Aadmani Phatak To Gate Shaheed Nawab Saifullah Khan Magsi, Shahdadkot District Kamber-Shahdadkot**

1

S.H: Metalled Road

Page-49 Item-09

1	Supplying stacking and filling sand of approved quality from outside sources in foundation, trenches, plinth or under floor, etc. including dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction and lift upto 5 feet (1.52 m).	211294 Cft	4869.94	%Cft (Hundred cubic feet)	10289905.00
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Page-49 Item-13

2	Supplying, stacking, spreading soil aggregate (Ghara / Pit pan gravel) and sand (a mixture of natural and crushed stone) as approved by engineer incharge i/c watering , consolidation, compaction to required density with power robber i/c all lead lift (actual compacted depth shall be considered for payment).	164340 Cft	5736.25	%Cft (Hundred cubic feet)	9426953.00
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Page-484 Item-29

3	Supply and laying machine crushed 3" to 3/4" stone ballast of approved grade and quality in sub-base or base course in required grade and camber and compacting to the required density by approved mechanical means (vibratory roller road Packer and smooth wheel roller etc) including watering with 10 m lead and all lift complete(actual compacted depth shall be considered for payment).	48000.00 Cft	7919.65	%Cft (Hundred cubic feet)	3801538.00
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Page-485 Item-29

4	Supply and laying machine crushed 2-1/2" to 3/4" stone ballast of approved grade and quality in sub-base or base course in required grade and camber and compacting to the required density by approved mechanical means (vibratory roller road Packer and smooth wheel roller etc) including watering with 10 m lead and all lift complete(actual compacted depth shall be considered for payment).	36155.00 Cft	8261.52	%Cft (Hundred cubic feet)	2986953.00
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Page-505 item-188

5	Brick edging with 1st class burnt bricks in road work complete as per direction of Engineer Incharge.	9130.00 Rft	54.29	P.Rft (Per Runing feet)	495667.70
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Page-488 Item-55

6	Supply ,stacking and spreading murum of approved quality over stone metalling or brick ballast including watering,consolidation with power roller including all lead and lift.	4382 Cft	8169.3	%Cft (Hundred cubic feet)	358011.00
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Page-502 Item-155

7	Providing and fixing RCC pipe of class "C" or equivalent in trenches including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water including all lead and lift: 12" (300 mm) dia pipe.	37.00 Rft	957.48	P.Rft (Per running foot)	35427.00
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Page-491 Item-70

8	Providing and laying 1-1/2" (38 mm) consolidated thickness of asphalt concrete using liquid asphalt (cul-backs) of any approved grade with pre-mixed coarse sand flushing using 3-1/2 Lbs. cut-backs per Cft. of 1/2" standard size crushed stone ballast @ 12 Cft. %Sft. and 8 Lbs. of bitumen cut-backs per Cft. of coarse sand @ 6 Cft. %Sft. (56.06 Kg. cut-backs per Cum of 13 mm standard size cashed stone Ballast @ 0.037 Cum per Sq.m. and 128.14 Kg. of bitumen cut-back per Cm of coarse sand @ 0.018 Cum per Sq.m.) for asphaltic concrete, sand flushing with 2 Cft. of sand mixed with 16 Lbs. of cut-backs %Sft. of road surface including 5 Lbs. of cut-back %Sft. (0.006 Cu.m. of sand mixed with 0.78 Kg. of cut-backs per 5 P.Sq.m. road surface including 0.024 Kg. of cut-backs per Sq.m. of road surface) for painting edging including priming coat @20 Lbs per %Sft complete with rolling.	109560.00 Sft	10304.38	%Sft Hundred square feet	11289479.00
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Page-506 Item-202

9	Pavement marking in reflective CR PAINT for lines of 15cm width, with road marking machine complete as per direction of Engineer incharge	4565.00 Rft	20.95	P.Rft (Per running foot)	95637.00
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Page-507 Item-213

10	Reflectorised plastic pavement stud (raised profile type, single) fixed with epoxy adhesive complete as per direccetion of Engineer incharge.	152 Nos	362.67	Each	55186.00
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Total Rs.	38834757
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Assistant Executive Engineer
Central Civil Sub-Division
Pakistan.P.W.D.Larkana

Executive Engineer
Centra Civil Division
Pakistan.P.W.D.Larkana

Name of Work:- **Construction of Metalled Road from Aamir Khan Pump To Garhi Khairo Road To Chandio Pump Shahdadkot District Kamber-Shahdadkot**

GENERAL ABSTRACT OF COST

SH-Metalled Road	Rs.	38,324,799
SUB-HEAD: DRAIN RAISING.	Rs.	<u>510,234</u>
Total Rs.		38,835,033

**Assistant Executive Engineer
Central Civil Division
Pak P.W.D. Larkana**

**Executive Engineer
Central Civil Division
Pak P.W.D Larkana**

S.H: Metalled Road

Page-49 Item-10

1	Supplying stacking and filling sand of approved quality from outside sources in foundation, trenches, plinth or under floor, etc. including dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction and lift upto 5 feet (1.52 m).	208517 Cft	4869.94	%Cft (Hundred cubic feet)	10154660.00
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Page-49 Item-13

2	Supplying, stacking, spreading soil aggregate (Ghara / Pit pan gravel) and sand (a mixture of natural and crushed stone) as approved by engineer incharge i/c watering , consolidation, compaction to required density with power robber i/c all lead lift (actual compacted depth shall be considered for payment).	162180 Cft	5736.25	%Cft (Hundred cubic feet)	9303050.00
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Page-484 Item-27

3	Supply and laying machine crushed 3" to 3/4" stone ballast of approved grade and quality in sub-base or base course in required grade and camber and compacting to the required density by approved mechanical means (vibratory roller road Packer and smooth wheel roller etc) including watering with lead and lift complete(actual compacted depth shall be considered for payment).	47370.00 Cft	7919.65	%Cft (Hundred cubic feet)	3751538.00
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Page-485 Item-29

4	Supply and laying machine crushed 2-1/2" to 3/4" stone ballast of approved grade and quality in sub-base or base course in required grade and camber and compacting to the required density by approved mechanical means (vibratory roller road Packer and smooth wheel roller etc) including watering with 10 m lead and all lift complete(actual compacted depth shall be considered for payment sub base).	35680.00 Cft	8261.52	%Cft (Hundred cubic feet)	2947710.00
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Page-505 item-188

5	Brick edging with 1st class burnt bricks in road work complete as per direction of Engineer Incharge.	9010.00 Rft	54.29	P.Rft (Per Runing feet)	489152.90
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Page-488 Item-55

5	Supply ,stacking and spreading murum of approved quality over stone metalling or brick ballast including watering,consolidation with power roller including all lead and lift.	4325 Cft	8169.3	%Cft (Hundred cubic feet)	353306.00
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Page-502 Item-155

6	Providing and fixing RCC pipe of class "C" or equivalent in trenches including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water including all lead and lift: 12" (300 mm) dia pipe.	37.00 Rft	957.48	P.Rft (Per running foot)	35427.00
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Page-491 Item-70

7	Providing and laying 1-1/2" (38 mm) consolidated thickness of asphalt concrete using liquid asphalt (cut-backs) of any approved grade with pre-mixed coarse sand flushing using 3-1/2 Lbs. cut-backs per Cft. of 1/2" standard size crushed stone ballast @ 12 Cft. %Sft. and 8 Lbs. of bitumen cut-backs per Cft. of coarse sand @ 6 Cft-%Sft. (56.06 Kg. cut-backs per Cum of 13 mm standard size cashed stone Ballast @ 0.037 Cum per Sq.m. and 128.14 Kg. of bitumen cut-back per Cm of coarse sand @ 0.018 Cum per Sq.m.) for asphaltic concrete, sand flushing with 2 Cft. of sand mixed with 16 Lbs. of cut-backs %Sft. of road surface including 5 Lbs. of cut-back %Sft. (0.006 Cu.m. of sand mixed with 0.78 Kg. of cut-backs per 5 P.Sq.m. road surface including 0.024 Kg. of cut-backs per Sq.m. of road surface) for painting edging including priming coat @20 Lbs per %Sft complete with rolling.	108120.00 Sft	10304.38	%Sft Hundred square feet	11141096.00
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Page-506 Item-202

9	Pavement marking in reflective CR PAINT for lines of 15cm width, with road marking machine complete as per direction of Engineer incharge	4505.00 Rft	20.95	P.Rft (Per running foot)	94380.00
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Page-507 Item-213

10	Reflectorised plastic pavement stud (raised profile type, single) fixed with epoxy adhesive complete as per direction of Engineer incharge.	150 Nos	362.67	Each	54461.00
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Total Rs. 38324799

Assistant Executive Engineer
Central Civil Sub-Division
Pakistan.P.W.D.Larkana

Executive Engineer
Central Civil Division
Pakistan.P.W.D.Larkana

Name of Work:- **Construction of Metalled Road from Aamir Khan Pump To Garhi Khairo Road To Chandio Pump**
2 Shahdadt District Kamber-Shahdadt.

SUB-HEAD: DRAIN RAISING

Page-132 Item -2

7	Providing and laying first class solid burnt bricks masonry set in Cement mortar 1:6 in straight or curved walls 9" to 13-2 inches thick including scaffolding raking out joints and curing etc complete in foundation basement and plinth (foundation and basement masonry upto 5 ft) depth and plinth upto 4 ft height from ground level).	929 Cft	38582.85	%Cft (Hundred cubic feet)	358435.00
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Page-57 Item-05

Page-182+195 Item 56+136

9	Providing and laying reinforced cement concrete using crushed grade boulders 3/4 inches & down gauge down gauge having a minimum works cube crushing strength of 3000 Lbs. Per sq inch at 28 days with a mix not leaner than 1:2:4 in ordinary slab 5 inch to 6 inches including form work and it removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor.	52 Cft	45586.77	% Cft (Hundred cubic feet)	23705.12
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Page-197 Item -167

10	Providing and laying ribbed deformed (minimum yield point 40,000 psi) reinforcement bars with and including the cost of straightening, cutting, bending, binding, wastage, and such over laps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s chairs. Tying with binding wire cost of chairs and wires etc in all kinds of RCC work in foundation, basement plinth and ground floor of building including septic tanks and under ground tanks and in projection for future extension.	0.8 CWT	13548.87	P.Cwt Per hundred weight	10839.00
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Page- 376 Item-4

11	1/2" thick Cement plaster . 1:4 on walls and columns etc in basement plinth mezzanine and ground floor i/c making edges corners and curing etc complete.	2682 Sft	4381.84	%Sft Hundred square feet	117521.00
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Total Rs.	510234.00
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Assistant Executive Engineer
Central Civil Sub-Division
Pakistan.P.W.D.Larkana

Executive Engineer
Centra Civil Division
Pakistan.P.W.D.Larkana

03

Name of Work:- **Construction Of Metalled Road, Tuff Paver, Road & Drain From Alamdar Chowk Via Gul Hassan Kirsha Shop Upto Pump Bagho Road, Shahdadkot District Kamber-Shahdadkot.**

GENERAL ABSTRACT OF COST

SH-I Metalled Road	Rs.	21,177,738
SH-II Paver Road	Rs.	8,870,462
SH-II Drain	Rs.	<u>642,705</u>

Total Rs. 30,690,905

**Assistant Executive Engineer
Central Civil Division
Pak P.W.D. Larkana**

**Executive Engineer
Central Civil Division
Pak P.W.D Larkana**

Name of Work:- **Construction Of Metalled Road, Tuff Paver, Road & Drain From Alamdar Chowk Via Gul Hassan Kirsha Shop Upto Pump Bagho Road, Shahdadkot District Kamber-Shahdadkot.**

3

S.H: Metalled Road

Page-49 Item-10

1	Supplying stacking and filling sand of approved quality from outside sources in foundation, trenches, plinth or under floor, etc. including dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction and lift upto 5 feet (1.52 m).	84240 Cft	4869.94	%Cft (Hundred cubic feet)	4102437.00
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Page-49 Item-13

2	Supplying, stacking, spreading soil aggregate (Ghara / Pit pan gravel) and sand (a mixture of natural and crushed stone) as approved by engineer incharge i/c watering , consolidation, compaction to required density with power robber i/c all lead lift (actual compacted depth shall be considered for payment).	98280 Cft	5736.25	%Cft (Hundred cubic feet)	5637587.00
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Page-484 Item-27

3	Supply and laying machine crushed 3" to 3/4" stone ballast of approved grade and quality in sub-base or base course in required grade and camber and compacting to the required density by approved mechanical means (vibratory roller road Packer and smooth wheel roller etc)	28706.00 Cft	7919.65	%Cft (Hundred cubic feet)	2273415.00
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Page-485 Item-29

4	Supply and laying machine crushed 2-1/2" to 3/4" stone ballast of approved grade and quality in sub-base or base course in required grade and camber and compacting to the required density by approved mechanical means (vibratory roller road Packer and smooth wheel roller etc) including watering with all lead and lift complete(actual compacted depth shall be considered for payment sub base.	21622.00 Cft	8261.52	%Cft (Hundred cubic feet)	1786306.00
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Page-505 item-188

5	Brick edging with 1st class burnt bricks in road work complete as per direction of Engineer Incharge.	5460.00 Rft	54.29	P.Rft (Per Runing feet)	296423.40
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Page-488 Item-55

6	Supply ,stacking and spreading murum of approved quality over stone metalling or brick ballast including watering,consolidation with power roller including all lead and lift.	2621 Cft	8169.3	%Cft (Hundred cubic feet)	214101.00
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Page-502 Item-155

7	Providing and fixing RCC pipe of class "C" or equivalent in trenches including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water including all lead and lift: 12" (300 mm) dia pipe.	27.00 Rft	957.48	P.Rft (Per running foot)	25852.00
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Page-491 Item-70

8	Providing and laying 1-1/2" (38 mm) consolidated thickness of asphalt concrete using liquid asphalt (cut-backs) of any approved grade with pre-mixed coarse sand flushing using 3-1/2 Lbs. cut-backs per Cft. of 1/2" standard size crushed stone ballast @ 12 Cft. %Sft. and 8 Lbs. of bitumen cut-backs per Cft. of coarse sand @ 6 Cft-%Sft. (56.06 Kg. cut-backs per Cum of 13 mm standard size cashed stone Ballast @ 0.037 Cum per Sq.m. and 128.14 Kg. of bitumen cut-back per Cm of coarse sand @ 0.018 Cum per Sq.m.) for asphaltic concrete, sand flushing with 2 Cft. of sand mixed with 16 Lbs. of cut-backs %Sft. of road surface including 5 Lbs. of cut-back %Sft. (0.006 Cu.m. of sand mixed with 0.78 Kg. of cut-backs per 5 P.Sq.m. road surface including 0.024 Kg. of cut-backs per Sq.m. of road surface) for painting edging including priming coat @20 Lbs per %Sft complete with rolling.	65520.00 Sft	10304.38	%Sft Hundred square feet	6751430.00
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Page-506 Item-202

9	Pavement marking in reflective CR PAINT for lines of 15cm width, with road marking machine complete as per direction of Engineer incharge	2730.00 Rft	20.95	P.Rft (Per running foot)	57194.00
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Page-507 Item-213

10	Reflectorised plastic pavement stud (raised profile type, single) fixed with epoxy adhesive complete as per direction of Engineer incharge.	91 Nos	362.67	Each	33003.00
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Total Rs.	21177738
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Assistant Executive Engineer
Central Civil Sub-Division
Pakistan.P.W.D.Larkana

Executive Engineer
Central Civil Division
Pakistan.P.W.D.Larkana

SUB-HEAD PAVER.**1 Page-48 Item-8**

Supplying earth from approved outside sources within a radius of 5 miles (8 km) including digging, loading and unloading and filling in foundation trenches, plinth or under floor, etc. including breaking clods, dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction complete within a ;lead of one chain (30.5 R.m) and lift of 5 feet (1.52 m).

13011
Cft

3254.05

%Cft
(Hundred
cubic feet)**423384.00****Page-494 Item - 94**

2 Providing and laying 1:4:8 cement concrete in any thickness using 2" and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads paths creteways laid to required gradient and camber i/c cost of necessary form work and its removal compacting with vibrators i/c curing etc comple.

15180
Cft

27877.27

%Cft
(Hundred
cubic feet)**4231770.00****Page-255 Item- 177**

3 Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattren (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included)

30380
Sft

135.13

P.Sft
Per Square
foot**4105249.00****Page-57 Item-05**

4 Providing and laying in situ 1:2:4 (1 cement 2 sand 4 coarse aggregate Cement concrete. using screened graded bajri 3/4" and down gauge in foundation basement and plinth i/c form work compacting curing and removal of form work etc complete foundation and basement upto 5' ft depth and plinth upto 4' ft height from ground level.

285.00
Cft

38612.2

%Cft
(Hundred
cubic feet)**110045.00**

Total Rs.	8870462.00
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SUB HEAD DRAIN.**Page-40 item-1**

5 Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain and lift upto 5 feet

1250
Cft

1624.63

%Cft
(Hundred
cubic feet)**20308.00**

Page-52 Item - 13					
6	Providing and laying 1:4:8 (1 cement 4 sand 8 coarse aggregate) Cement concrete using graded stone ballast 2" inches and down gauge in foundation i/c levelling compacting and curing etc complete.	625 Cft	21744.25	%Cft (Hundred cubic feet)	135902.00
Page-132 Item -2					
7	Providing and laying first class solid burnt bricks masonry set in Cement mortar 1:6 in straight or curved walls 9" to 13-2 inches thick including scaffolding raking out joints and curing etc complete in foundation basement and plinth (foundation and basement masonry upto 5 ft) depth and plinth upto 4 ft height from ground level).	750 Cft	38582.85	%Cft (Hundred cubic feet)	289371.00
Page-57 Item-05					
8	Providing and laying in situ 1:2:4 (1 cement 2 sand 4 coarse aggregate) Cement concrete. using screened graded bajri 3/4" and down gauge in foundation basement and plinth i/c form work compacting curing and removal of form work etc complete foundation and basement upto 5' ft depth and plinth upto 4' ft height from ground level.	125 Cft	36612.2	%Cft (Hundred cubic feet)	45765.00
Page-182+195 Item 56+136					
9	Providing and laying reinforced cement concrete using crushed grade boulders 3/4 inches & down gauge having a minimum works cube crushing strength of 3000 Lbs. Per sq inch at 28 days with a mix not leaner than 1:2:4 in ordinary slab 5 inch to 6 inches including form work and it removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor.	62 Cft	45586.77	% Cft (Hundred cubic feet)	28264.00
Page-197 Item - 167					
10	Providing and laying ribbed deformed (minimum yield point 40,000 psi) reinforcement bars with and including the cost of straightening, cutting, bending, binding, wastage, and such over laps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s chairs. Tying with binding wire cost of chairs and wires etc in all kinds of RCC work in foundation, basement plinth and ground floor of building including septic tanks and under ground tanks and in projection for future extension.	1 CWT	13548.87	P.Cwt Per hundred weight	13549.00
Page- 376 Item-4					
11	1/2" thick Cement plaster . 1:4 on walls and columns etc in basement plinth mezzanine and ground floor i/c making edges corners and curing etc complete.	2500 Sft	4381.84	%Sft Hundred square feet	109546.00

Total Rs.	642705.00
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Name of Work:- **Construction Of Metalled Road From Karam Khan Pump To Iqra Petrol Pump Shahdadkot, District Kamber-Shahdadkot**

GENERAL ABSTRACT OF COST

SH-Metalled Road	Rs.	26,670,504
SUB-HEAD: DRAIN RAISING	Rs.	<u>514,296</u>
	Total Rs.	27,184,800

**Assistant Executive Engineer
Central Civil Division
Pak P.W.D. Larkana**

**Executive Engineer
Central Civil Division
Pak P.W.D Larkana**

S.H: Metalled Road

Page-49 Item-104

1	Supplying stacking and filling sand of approved quality from outside sources in foundation, trenches, plinth or under floor, etc. including dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction and lift upto 5 feet (1.52 m).	36000 Cft	4869.94	%Cft (Hundred cubic feet)	1753178.00
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Page-500 Item-140

2	Scarifying sub-base, base or wearing coat surface or flexible pavement with pick axes or by any other approved means upto required depth including disposal of rubbish within 3 chain (91 m) complete as required.	111960 Sft	596.25	%Sft (Hundred square feet)	667562.00
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Page-485 Item-29

3	Supply and laying machine crushed 2-1/2" to 3/4" stone ballast of approved grade and quality in sub-base or base course in required grade and camber and compacting to the required density by approved mechanical means (vibratory roller road Packer and smooth wheel roller etc) including watering with all lead and lift complete(actual compacted depth shall be considered for payment sub base.	67980 Cft	8261.52	%Cft (Hundred cubic feet)	5616181.00
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Page-505 item-188

4	Brick edging with 1st class burnt bricks in road work complete as per direction of Engineer Incharge.	11330.00 Rft	54.29	P.Rft (Per Runing feet)	615105.70
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Page-488 Item-55

5	Supply ,stacking and spreading murum of approved quality over stone metalling or brick ballast including watering,consolidation with power roller including all lead and lift.	5438 Cft	8169.3	%Cft (Hundred cubic feet)	444279.00
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Page-502 Item-155

6	Providing and fixing RCC pipe of class "C" or equivalent in trenches including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water including all lead and lift: 12" (300 mm) dia pipe.	53.00 Rft	957.48	P.Rft (Per running foot)	50746.00
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Page-491 Item-70

7	Providing and laying 1-1/2" (38 mm) consolidated thickness of asphalt concrete using liquid asphalt (cut-backs) of any approved grade with pre-mixed coarse sand flushing using 3-1/2 Lbs. cut-backs per Cft. of 1/2" standard size crushed stone ballast @ 12 Cft. %Sft. and 8 Lbs. of bitumen cut-backs per Cft. of coarse sand @ 6 Cft-%Sft. (56.06 Kg. cut-backs per Cum of 13 mm standard size cashed stone Ballast @ 0.037 Cum per Sq.m. and 128.14 Kg. of bitumen cut-back per Cm of coarse sand @ 0.018 Cum per Sq.m.) for asphaltic concrete, sand flushing with 2 Cft. of sand mixed with 16 Lbs. of cut-backs %Sft. of road surface including 5 Lbs. of cut-back %Sft. (0.006 Cu.m. of sand mixed with 0.78 Kg. of cut-backs per 5 P.Sq.m. road surface including 0.024 Kg. of cut-backs per Sq.m. of road surface) for painting edging including priming coat @20 Lbs per %Sft complete with rolling.	135960 Sft	10304.38	%Sft Hundred square feet	14009835.00
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Page-49 Item-13

8	Supplying, stacking, spreading soil aggregate (Ghara / Pit pan gravel) and sand (a mixture of natural and crushed stone) as approved by engineer incharge i/c watering , consolidation, compaction to required density with power robber i/c all lead lift (actual compacted depth shall be considered for payment).	57990 Cft	5736.25	%Cft Hundred cubic feet	3326451.00
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Page-506 Item-202

9	Pavement marking in reflective CR PAINT for lines of 15cm width, with road marking machine complete as per direction of Engineer incharge	5665.00 Rft	20.95	P.Rft (Per running foot)	118682.00
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Page-507 Item-213

10	Reflectorised plastic pavement stud (raised profile type, single) fixed with epoxy adhesive complete as per direction of Engineer incharge.	189 Nos	362.67	Each	68484
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Total Rs.	26670504
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Assistant Executive Engineer
Central Civil Sub-Division
Pakistan.P.W.D.Larkana

Executive Engineer
Centra Civil Division
Pakistan.P.W.D.Larkana

Name of Work:- **Construction Of Metalled Road From Karam Khan Pump To Iqra Petrol Pump Shahdadkot, District Kamber-Shahdadkot**

SUB-HEAD: DRAIN RAISING

Page-132 Item -2

7	Providing and laying first class solid burnt bricks masonry set in Cement mortar 1:6 in straight or curved walls 9" to 13-2 inches thick including scaffolding raking out joints and curing etc complete in foundation basement and plinth (foundation and basement masonry upto 5 ft) depth and plinth upto 4 ft height from ground level).	929 Cft	38582.85	%Cft (Hundred cubic feet)	358435.00
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Page-57 Item-05

Page-182+195 Item 56+136

9	Providing and laying reinforced cement concrete using crushed grade boulders 3/4 inches & down gauge down gauge having a minimum works cube crushing strength of 3000 Lbs. Per sq inch at 28 days with a mix not leaner than 1:2:4 in ordinary slab 5 inch to 6 inches including form work and it removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor.	55 Cft	45586.77	% Cft (Hundred cubic feet)	25073.00
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Page-197 Item -167

10	Providing and laying ribbed deformed (minimum yield point 40,000 psi) reinforcement bars with and including the cost of straightening, cutting, bending, binding, wastage, and such over laps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s chairs. Tying with binding wire cost of chairs and wires etc in all kinds of RCC work in foundation, basement plinth and ground floor of building including septic tanks and under ground tanks and in projection for future extension.	1 CWT	13548.87	P.Cwt Per hundred weight	13549.00
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Page- 376 Item-4

11	1/2" thick Cement plaster . 1:4 on walls and columns etc in basement plinth mezzanine and ground floor i/c making edges corners and curing etc complete.	2682 Sft	4381.84	%Sft Hundred square feet	117521.00
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Total Rs.	514296.00
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Assistant Executive Engineer
Central Civil Sub-Division
Pakistan.P.W.D.Larkana

Executive Engineer
Centra Civil Division
Pakistan.P.W.D.Larkana

05

Name of Work:- **Construction Of Metalled Road From Iqra Petrol Pump To Police Chowki Shahdadkot, District Kamber-Shahdadkot..**

GENERAL ABSTRACT OF COST

SH-Metalled Road.

Rs. 27,184,117

**Assistant Executive Engineer
Central Civil Division
Pak P.W.D. Larkana**

**Executive Engineer
Central Civil Division
Pak P.W.D Larkana**

S.H: Metalled Road

Page-500 Item-140

1 Scarifying sub-base, base or wearing coat surface or flexible pavement with pick axes or by any other approved means upto required depth including disposal of rubbish within 3 chain (91 m) complete as required.	111000 Sft	596.25	%Sft (Hundred square feet)	661838.00
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Page-485 Item-29

2 Supply and laying machine crushed 2-1/2" to 3/4" stone ballast of approved grade and quality in sub-base or base course in required grade and camber and compacting to the required density by approved mechanical means (vibratory roller road Packer and smooth wheel roller etc) including watering with all lead and lift complete(actual compacted depth shall be considered for payment sub base.	55500 Cft	8261.52	%Cft (Hundred cubic feet)	4585144.00
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Page-505 item-188

3 Brick edging with 1st class burnt bricks in road work complete as per direction of Engineer Incharge.	9250.00 Rft	54.29	P.Rft (Per Runing feet)	502182.50
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Page-488 Item-55

4 Supply ,stacking and spreading murum of approved quality over stone metalling or brick ballast including watering,consolidation with power roller including all lead and lift.	4440 Cft	8169.3	%Cft (Hundred cubic feet)	362717.00
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Page-502 Item-155

5 Providing and fixing RCC pipe of class "C" or equivalent in trenches including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water including all lead and lift: 12" (300 mm) dia pipe.	45.00 Rft	957.48	P.Rft (Per running foot)	43087.00
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Page-491 Item-70

6 Providing and laying 1-1/2" (38 mm) consolidated thickness of asphalt concrete using liquid asphalt (cul-backs) of any approved grade with pre-mixed coarse sand flushing using 3-1/2 Lbs. cut-backs per Cft. of 1/2" standard size crushed stone ballast @ 12 Cft. %Sft. and 8 Lbs. of bitumen cut-backs per Cft. of coarse sand @ 6 Cft-%Sft. (56.06 Kg. cut-backs per Cum of 13 mm standard size cashed stone Ballast @ 0.037 Cum per Sq.m. and 128.14 Kg. of bitumen cut-back per Cm of coarse sand @ 0.018 Cum per Sq.m.) for asphaltic concrete, sand flushing with 2 Cft. of sand mixed with 16 Lbs. of cut-backs %Sft. of road surface including 5 Lbs. of cut-back %Sft. (0.006 Cu.m. of sand mixed with 0.78 Kg. of cut-backs per 5 P.Sq.m. road surface including 0.024 Kg. of cut-backs per Sq.m. of road surface) for painting edging inculding priming coat @20 Lbs per %Sft complete with rolling.	111000 Sft	10304.38	%Sft Hundred square feet	11437862.00
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Page-482 Item-10

7	Making earthen embankments with earth taken from approved barrow pits i/c cost of excavation placing earth in layers not exceeding 9" (229 m) depth as per approved section i/c dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100 ft (30.5m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock) all lift & lead s	190286 Cft	1811.44	%Cft (Hundred cubic feet)	3446912.00
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Page-482 Item - 18

8	Compaction of earthen embankments to full depth and width below sub-grade level by approved mechanical means in layers not exceeding 9" (229 mm) in depth at optimum moisture content including watering, mixing by mechanical means complete (the sub-grade embankment of 3 Ft. (914 mm) or less in height shall be compacted to at least 95% modified A.A.S.H.O. max. dry density or their full depth and width, embankments over 3 ft. (914 mm) in depth shall have top 3 ft. (914 mm) compacted to not less than 95% modified A.A.S.H.O. maximum dry density to their full depth and width and portion below 3 ft. (914 mm) compacted not less than 85% modified A.A.S.H.O. max. dry density to their full depth and width) .	190286 Cft	2033.34	%Cft (Hundred cubic feet)	3869156.00
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Page-49 Item-13

9	Supplying, stacking, spreading soil aggregate (Ghara / Pit pan gravel) and sand (a mixture of natural and crushed stone) as approved by engineer incharge i/c watering , consolidation, compaction to required density with power robber i/c all lead lift (actual compacted depth shall be considered for payment).	37000 Cft	5736.25	%Cft Hundred cubic feet	2122413.00
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Page-506 Item-202

10	Pavement marking in reflective CR PAINT for lines of 15cm width, with road marking machine complete as per direction of Engineer incharge	4625.00 Rft	20.95	P.Rft (Per running foot)	96894.00
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Page-507 Item-213

11	Reflectorised plastic pavement stud (raised profile type, single) fixed with epoxy adhesive complete as per direction of Engineer incharge.	155 Nos	362.67	Each	55912
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Total Rs.	27184117
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Assistant Executive Engineer
Central Civil Sub-Division
Pakistan.P.W.D.Larkana

Executive Engineer
Centra Civil Division
Pakistan.P.W.D.Larkana