



No.EE/CCD/Nawabshah(SBA)/224

**GOVERNMENT OF PAKISTAN**  
**PAKISTAN PUBLIC WORKS DEPARTMENT**

Nawabshah(SBA),

the dated: **17-05-2024**

**INVITATION TO BID**

The Executive Engineer, Central Civil Division, Pak PWD, Federal Lodge Society road Nawabshah(SBA) , invite sealed tenders, Single Stage Single Envelope on percentage rate basis for the work tabulated hereunder, from the Contractors/Firms registered with Income Tax (who are Active on Taxpayers List & non-defaulter of Federal Board of Revenue) & having valid license of Pakistan Engineering Council 2023-24 & above 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 on submission of a written application supported with requisite documents from the office of the undersigned during office hour latest by **04-06-2024** upon payment of a non-refundable fees of **Rs.3000/-** for each tender in shape of cash.

3. In accordance with PPRA Rule-25; Fixed Bid Security as mentioned against each work is required, in shape of CDR / Pay Order / Bank Draft in favor of undersigned, duly mentioned the name & title of the firm by any schedule bank. The bidder will submit Original Bid Security along with Tender documents. Tender should be dropped in tender box by **1:30 P.M on 05-06-2024** which will be opened on same day at **2:00 P.M** in presence of the participants.

S.No.	Name of Schemes	Admin/Estimate Amount	Fixed Bid Security Cost
1	Rehabilitation / Improvement / Construction of Metalled Road at Village Rustam Shah & Town Committee Bhiria, Taluka Bhiria, District Naushehro Feroz.	RS.20,000,000/-	Rs.600,000/-
2	Construction of Metalled Road at NHA to Aachar Jogi, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
3	Construction of Metalled Road at Tunia Baqa shah to Ghulam Mustafa Lashari, Taluka Mehrabpur, District Naushehro Feroz.	RS.5,000,000/-	Rs.150,000/-
4	Construction of Metalled Road at Tunia Baqa Shah to Wahid Bux Bhanbhan, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
5	Rehabilitation / Improvement / Construction of Metalled Road at Khanwahan City to Pir Kashal Shah, Taluka Kandiaro, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
6	Rehabilitation / Improvement / Construction of Metalled Road at Syed Ahmed Shah ( Dargah Syed Shehanshah) Taluka Kandiaro, District Naushehro Feroz.	RS.18,000,000/-	Rs.550,000/-
7	Construction of Metalled Road at Railway Line 399 towards Village Arbab Solangi, Taluka Mehrabpur, District Naushehro Feroz.	RS.8,000,000/-	Rs.250,000/-
8	Rehabilitation / Improvement / Construction of Metalled Road at Totha towards Lundi Jamali, Taluka Mehrabpur, District Naushehro Feroz.	RS.20,000,000/-	Rs.600,000/-
9	Rehabilitation / Improvement / Construction of Metalled Road at Pir Wasan towards Dur Muhammad Mojai, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
10	Construction of Metalled Road at From NHA towards Moli Dino Nagor, Taluka Mehrabpur, Distict Naushehro Feroz.	RS.20,000,000/-	Rs.600,000/-

11	Construction of Metalled Road at From Rohri Canal towards Village Abdul Hakeem Halepoto, Taluka Mehrabpur, District Naushehro Feroz.	RS.5,000,000/-	Rs.150,000/-
12	Construction of Metalled Road & Providing and Laying Drainage Line at Various Villages of Mehrabpur, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
13	Rehabilitation / Improvement / Construction of Metalled Road at Link Lakha Road towards Sodho Khan Baladi, U/C- Saeedpur, Taluka Mehrabpur, District Naushehro Feroz.	RS.5,000,000/-	Rs.150,000/-
14	Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Town Committee Halani, Taluka Mehrabpur, District Naushehro Feroz. (Phase-I)	RS.15,000,000/-	Rs.450,000/-
15	Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Town Committee Halani, Taluka Mehrabpur, District Naushehro Feroz.(Phase-II)	RS.15,000,000/-	Rs.450,000/-
16	Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Darbelo, Taluka Kandiaro, District Naushehro Feroz.	RS.18,000,000/-	Rs.550,000/-
17	Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of U/C- Lakha Road, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
18	Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of U/C- Saleh Sahito, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
19	Providing and Laying CC Tuff Paver Blocks & Drain at Village of Dilawar Solangi, Deh Kanjur, Taluka Bhiria, District Naushehro Feroz.	RS.3,000,000/-	RS.120,000/-
20	Providing and Laying CC Tuff Paver Blocks & Drain at Village Laik Kalhoro Aakhri Stop, Taluka Kandiaro, District Naushehro Feroz.	RS.3,000,000/-	RS.120,000/-
21	Providing and Laying CC Tuff Paver Blocks & Drain at Village Muhammad Khan Sial, Taluka Kandiaro, District Naushehro Feroz.	RS.3,000,000/-	RS.120,000/-
22	Providing and Laying CC Tuff Paver Blocks & Drain at Village Aayal Tunio, Taluka Kandiaro, District Naushehro Feroz.	RS.3,000,000/-	RS.120,000/-
23	Providing and Laying CC Tuff Paver Blocks & Drain at Village Behram & Kamal Solangi, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	RS.300,000/-
24	Providing and Laying CC Tuff Paver Blocks & Drain at Village Popat Solangi, Taluka Kandiaro, District Naushehro Feroz.	RS.2,000,000/-	RS.80,000/-
25	Providing and Laying CC Tuff Paver Blocks at Syed Mumtaz Shah Bunglow towards Mangria Imam Bargah, Taluka Mehrabpur, District Naushehro Feroz.	RS.2,000,000/-	RS.80,000/-
26	Providing and Laying CC Tuff Paver Blocks & Drain at Village Allah Wasayo Unar, Taluka Kandiaro, District Naushehro Feroz.	RS.5,000,000/-	RS.150,000/-
27	Providing and Laying CC Tuff Paver Blocks & Drain at From Moli Dino Nagor towards Uris Nagor, Taluka Mehrabpur, District Naushehro Feroz.	RS.3,000,000/-	RS.120,000/-

### TERMS & CONDITIONS

- ) Separate Application on Original letter head.
- ) An Undertaking on **Rs.100/- non-judicial paper(in original)** that form is neither black listed by any Government/Semi Government organization nor under litigation for any sort of recovery of Government dues on part of contractor/Bidder . If so history with regard to black listing and litigation should have to be disclosed.
- ) Earnest Money/Bid security in accordance with PPRA rule25: Fix Amount as mentioned above is required, in form of **CDR/Pay Order/Bank draft** in favor of undersigned duly mentioned the name and title of the firm.
- ) No tender will be sold/issued on the date of opening.
- ) Tender Notice also available on PPRA website([www.ppra.org.pk](http://www.ppra.org.pk))
- ) Other terms & conditions of mentioned in bidding documents will be applied mutatis mutandis.
- ) The tender shall not be entertained if received incomplete/conditional or received by mail/courier and fax or telegraphically.
- ) Bids not accompanied by bid security or submitted with lesser than required amount.
- ) The Competent authority in accordance with PPRA rule-33 of 2004 may reject all bids all proposal any time prior to the acceptance of a bid proposal.
- ) Bids received after specified date and time of Opening will not be entertained.
- ) Black listed firms not allowed.
- ) If any fake documents are found then the tender is liable to be rejected/cancelled without any compensation with penalty as per rules.
- ) 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 the date for submission and opening of tenders at the same time.
- ) In case lowest bid cost is found abnormal below; the bidder will have to furnish additional performance security in the form of Call Deposit / Pay Order / Bank Draft is an amount equal to the minus (-) variance with reference to Engineer's Estimate / Estimated Cost, The bidder is also bound to attach the rate of analysis (R.A). Otherwise, the bid security will be forfeited and necessary action with the competent form will be initiated.

-Sd-

Executive Engineer  
Central Civil Division  
Pak PWD, Nawabshah(SBA)  
Ph-0244-933001



No.EE/CCD/Nawabshah(SBA)/224  
**GOVERNMENT OF PAKISTAN**  
**PAKISTAN PUBLIC WORKS DEPARTMENT**

Nawabshah(SBA),

the dated: **17-05-2024**

To,

- 01 **The Director,**  
Press Information Department,  
Government of Pakistan,  
Hyderabad.
- 02 **The Deputy Director-III, (PPRA),**  
Public Procurement Regulatory Authority,  
(Cabinet Division), F.B.C. Building, G-5/2,  
Islamabad.

**SUBJECT : CLASSIFIED ADVERTISEMENT FOR PUBLICATION.**

Dear Sir,

Enclosed herewith a classified advertisement in triplicate for publication in two Leading Newspapers. Details given below:

- |                              |   |
|------------------------------|---|
| (a) Date of Publication.     | 20-05-2024  |
| (b) Number of insertions     | TWO   |
| (c) Page position            | Inner page  |
| (d) Colour                   | Black   |
| (e) Target                   | Nawabshah(SBA)  |
| (f) Special position or form | Box Form  |
| (g) Number of News Papers    | 2 (two) Leading News Papers for wide circulation<br>One English & One Urdu. |
| (h) Size                     | Minimum   |

**-Sd-**

Executive Engineer  
Central Civil Division  
Pak PWD, Nawabshah(SBA)  
Ph-0244-933001

Copy forwarded for information to:-

01. The Chief Engineer (South) Pak. PWD, Karachi.
02. The Superintending Engineer Civil Circle, Pak. PWD, Sukkur.
03. The Superintending Engineer (QS), DG's Office, Pak P.W.D., Islamabad,  
pak.public.works.department@gmail.com  
Along with Scope of each scheme for hoisting in Department's website. Soft copy of the same is also being emailed for compliance of the instructions in letter & spirit.
04. The Deputy Director, Public Procurement Regulatory Authority, Sector G-5, FBC Building, Islamabad, along with soft copy of Invitation to Bids & scope of each schemes for hoisting at PPRA website on or before **20-05-2024** so as to abide by the response time.
05. All the Assistant Executive Engineers, of this Division.
06. The Divisional Accounts Officer of this Division.
07. Cashier.
08. Notice Board.
09. Master File.

Executive Engineer

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**NAME OF WORK:-**

**Rehabilitation / Improvement / Construction of Metalled Road at Village Rustam Shah & Town Committee Bhiria, Taluka Bhiria, District Naushehro Feroz.**

SH-I Metalled Road	Rs.14103159.00
SH-II Culvert (02 Nos)	Rs.816454.00
<b>Total Estimated Cost</b>	<b>Rs.14919613.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-**Rehabilitation / Improvement / Construction of Metalled Road at Village Rustam Shah & Town Committee Bhiria, Taluka Bhiria, District Naushehro Feroz.****SH-I Metalled Road**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	#REF! Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	#REF!
2	(Page .483 Item .18) 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) .	#REF! Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	#REF!
3	(Page .485 Item .28) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	#REF! Cft	7761.52 (Rs. Seven Thousands Seven Hundred sixty one & ps.fifty two)	% Cft (Hundred Cubic Feet)	#REF!
4	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	#REF! Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	#REF!
5	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	#REF! Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	#REF!
6	(Page .492 Item .77) Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	504 Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	Rs. 6,480,800.00

7	(Page .584, Item .5) Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	48 Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	Rs. 32,377.00
	(Page .584, Item .7) (B) 18" (460mm) Dia Pipe....	60 Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	Rs. 71,201.00
<b>Total Amount</b>					<b>Rs.14103159.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

**Rehabilitation / Improvement / Construction of Metalled Road at Village Rustam Shah & Town Committee Bhiria, Taluka Bhiria, District Naushehro Feroz.**

**SH-II Culvert**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	#REF! Cft	1624.63 (Rs. One Thousand six hundred twenty four & ps. Sixty three)	% Cft (Hundred Cubic Feet)	#REF!
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	#REF! Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	#REF!
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	#REF! Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	#REF!
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	#REF! Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	#REF!
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	#REF! Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	#REF!
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	#REF! Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	#REF!
7	(Page .179+195 Item .42+136) Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2 ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and goround floor.	#REF! Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	#REF!



8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	#REF! Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	#REF!
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	#REF! Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	#REF!
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	#REF! Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	#REF!
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	#REF! Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	#REF!
<b>Total Amount</b>					#REF!

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

GENERAL ABSTRACT OF COST

NAME OF WORK:-

Construction of Metalled Road at NHA to Aachar Jogi, Taluka Mehrabpur, District Naushehro Feroz.

SH-I Metalled Road	Rs.7034571.00
SH-II Culvert	Rs. 408,227.00
Total Estimated Cost	<u>Rs.7442798.00</u>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Construction of Metalled Road at NHA to Aachar Jogi, Taluka Mehrabpur, District Naushehro Feroz.

**SH-I Metalled Road**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	73875	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,338,201.00
2	(Page .483 Item .18) 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) .	73875	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,502,130.00
3	(Page .484 Item .26) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	8865	Cft	7544.65 (Rs. Seven Thousands five hunred forty four & ps. Sixty five)	% Cft (Hundred Cubic Feet)	Rs. 668,833.00
4	(Page .485 Item .28) Supplying and Laying hand broken 2-1/2" to 3/4" (64 mm to 19mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	8865	Cft	7761.52 (Rs. Seven thousand seven hundred sixty one & ps. Fifty two)	% Cft (Hundred Cubic Feet)	Rs. 688,059.00
5	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	3940	Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 213,903.00
6	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	992.93	Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 81,115.00

7	<b>(Page .492 Item .77)</b> Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	191	Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	<b>Rs. 2,456,017.00</b>
8	<b>(Page .584, Item .5)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	40	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 26,981.00</b>
	<b>(Page .584, Item .7)</b> (B) 18" (460mm) Dia Pipe....	50	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	<b>Rs. 59,335.00</b>
<b>Total Amount</b>						<b>Rs.7034571.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

**NAME OF WORK:-**

**Construction of Metalled Road at NHA to Aachar Jogi, Taluka Mehrabpur, District Naushehro Feroz.**

**SH-II Culvert**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630	Cft	1624.63 (Rs. One Thousand Six Hundred Twenty four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110	Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167	Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209	Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26	Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78	Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00
7	(Page .179+195 Item .42+136) Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2 ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and gound floor.	59	Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	Rs. 27,401.00

8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112	Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115	Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316	Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>						<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

GENERAL ABSTRACT OF COST

NAME OF WORK:-

Construction of Metalled Road at Tunia Baqa shah to Ghulam Mustafa Lashari, Taluka Mehrabpur, District naushehro Feroz.

SH-I Metalled Road	Rs. 3,322,679.00
SH-II Culvert	Rs. 408,227.00
Total Estimated Cost	<u>Rs. 3,730,906.00</u>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Construction of Metalled Road at Tunia Baqa shah to Ghulam Mustafa Lashari, Taluka Mehrabpur, District naushehro Feroz.

**SH-I Metalled Road**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	34875	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 631,740.00
2	(Page .483 Item .18) 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) .	34875	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 709,127.00
3	(Page .484 Item .27) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	4185	Cft	7544.65 (Rs. Seven Thousands five Hundred forty four Ps. Sixty Five)	% Cft (Hundred Cubic Feet)	Rs. 315,744.00
4	(Page .485 Item .28) Supplying and Laying hand broken 2-1/2" to 3/4" (64 mm to 19mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	4185	Cft	7761.52 (Rs. Seven thousnad seven hundred & Ps. Fifty Two)	% Cft (Hundred Cubic Feet)	Rs. 324,820.00
5	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	1860	Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 100,979.00
6	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	469	Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 38,314.00



7	(Page .492 Item .77) Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	90	Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	Rs. 1,157,286.00
8	(Page .584, Item .5) Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	24	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	Rs. 16,188.00
	(Page .584, Item .7) (B) 18" (460mm) Dia Pipe....	24	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	Rs. 28,481.00
<b>Total Amount</b>						<b>Rs. 3,322,679.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Construction of Metalled Road at Tunia Baqa shah to Ghulam Mustafa Lashari, Taluka Mehrabpur, District naushehro Feroz.

SH-II Culvert

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630	Cft	1624.63 (Rs. One Thousand Six Hundred Twenty Three & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110	Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167	Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209	Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26	Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78	Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00
7	(Page .179+195 Item .42+136) Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2 ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and goround floor.	59	Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	Rs. 27,401.00

8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112	Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115	Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316	Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>						<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**NAME OF WORK:-**

**Construction of Metalled Road at NHA to Aachar Jogi, Taluka Mehrabpur, District Naushehro Feroz.**

SH-I Metalled Road	Rs.7034571.00
SH-II Culvert	Rs. 408,227.00
<b>Total Estimated Cost</b>	<b>Rs.7442798.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

**NAME OF WORK:-**

**Construction of Metalled Road at NHA to Aachar Jogi, Taluka Mehrabpur, District Naushehro Feroz.**

**SH-I Metalled Road**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	73875	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,338,201.00
2	(Page .483 Item .18) 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) .	73875	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,502,130.00
3	(Page .484 Item .26) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	8865	Cft	7544.65 (Rs. Seven Thousands five hunred forty four & ps. Sixty five)	% Cft (Hundred Cubic Feet)	Rs. 668,833.00
4	(Page .485 Item .28) Supplying and Laying hand broken 2-1/2" to 3/4" (64 mm to 19mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	8865	Cft	7761.52 (Rs. Seven thousand seven hundred sixty one & ps. Fifty two)	% Cft (Hundred Cubic Feet)	Rs. 688,059.00
5	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	3940	Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 213,903.00
6	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	992.93	Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 81,115.00

7	<b>(Page .492 Item .77)</b> Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	191	Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	<b>Rs. 2,456,017.00</b>
8	<b>(Page .584, Item .5)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	40	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 26,981.00</b>
	<b>(Page .584, Item .7)</b> (B) 18" (460mm) Dia Pipe....	50	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	<b>Rs. 59,335.00</b>
<b>Total Amount</b>						<b>Rs.7034571.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

**NAME OF WORK:-**

**Construction of Metalled Road at NHA to Aachar Jogi, Taluka Mehrabpur, District Naushehro Feroz.**

**SH-II Culvert**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630	Cft	1624.63 (Rs. One Thousand Six Hundred Twenty four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110	Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167	Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209	Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26	Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78	Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00
7	(Page .179+195 Item .42+136) Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2 ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and gound floor.	59	Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	Rs. 27,401.00

8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112	Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115	Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316	Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>						<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).



Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**NAME OF WORK:-**

**Rehabilitation / Improvement / Construction of Metalled Road at Khanwahan City to Pir Kashal Shah,  
Taluka Kandiaro, District Naushehro Feroz.**

SH-I Metalled Road	Rs7,057,947.00
SH-II Culvert (01 No.)	Rs.408227
<b>Total Estimated Cost</b>	<b>Rs.7466174.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Rehabilitation / Improvement / Construction of Metalled Road at Khanwahan City to Pir Kashal Shah, Taluka Kandiaro, District Naushehro Feroz.

SH-I Metalled Road

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	55120 Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 998,466.00
2	(Page .483 Item .18) 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) .	55120 Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,120,777.00
3	(Page .485 Item .28) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	15600 Cft	7761.52 (Rs. Seven Thousands Seven Hundred sixty one & ps.fifty two)	% Cft (Hundred Cubic Feet)	Rs. 1,210,797.00
4	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	5200 Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 282,308.00
5	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	1310 Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 107,018.00
6	(Page .492 Item .77) Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	252 Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	Rs. 3,240,400.00

7	(Page .584, Item .5) Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	40	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	Rs. 26,981.00
	(Page .584, Item .7) (B) 18" (460mm) Dia Pipe....	60	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	Rs. 71,201.00
<b>Total Amount</b>						<b>Rs. 7,057,947.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Rehabilitation / Improvement / Construction of Metalled Road at Khanwahan City to Pir Kashal Shah, Taluka Kandiaro, District Naushehro Feroz.

**SH-II Culvert**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630 Cft	1624.63 (Rs. One Thousand six hundred twenty four & ps. Sixty three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110 Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167 Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209 Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26 Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78 Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00

7	<b>(Page .179+195 Item .42+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and ground floor.	59 Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	<b>Rs. 27,401.00</b>
8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112 Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9 Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115 Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>					<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**NAME OF WORK:-**

**Rehabilitation / Improvement / Construction of Metalled Road at Syed Ahmed Shah ( Dargah Syed Shehanshah) Taluka Kandiaro, District Naushehro Feroz.**

SH-I Metalled Road	Rs.12612419.00
SH-II Culvert (02 Nos)	Rs.816454.00
<b>Total Estimated Cost</b>	<b>Rs.13428873.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

**Rehabilitation / Improvement / Construction of Metalled Road at Syed Ahmed Shah ( Dargah Syed Shehanshah) Taluka Kandiara, District Naushehro Feroz.**

**SH-I Metalled Road**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	99640 Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,804,919.00
2	(Page .483 Item .18) 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) .	99640 Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 2,026,020.00
3	(Page .485 Item .28) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	28200 Cft	7761.52 (Rs. Seven Thousands Seven Hundred sixty one & ps.fifty two)	% Cft (Hundred Cubic Feet)	Rs. 2,188,749.00
4	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	9400 Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 510,326.00
5	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	2256 Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 184,299.00
6	(Page .492 Item .77) Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	456 Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	Rs. 5,863,581.00

7	(Page .584, Item .5) Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	16	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	Rs. 10,792.00
	(Page .584, Item .7) (B) 18" (460mm) Dia Pipe....	20	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	Rs. 23,734.00
<b>Total Amount</b>						<b>Rs.12612419.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).



NAME OF WORK:-

Rehabilitation / Improvement / Construction of Metalled Road at Syed Ahmed Shah ( Dargah Syed Shehanshah) Taluka Kandiaro, District Naushehro Feroz.

**SH-II Culvert**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630 Cft	1624.63 (Rs. One Thousand six hundred twenty four & ps. Sixty three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110 Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167 Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209 Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26 Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78 Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00

7	<b>(Page .179+195 Item .42+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and ground floor.	59	Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	<b>Rs. 27,401.00</b>
8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112	Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115	Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316	Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>						<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

GENERAL ABSTRACT OF COST

NAME OF WORK:-

Construction of Metalled Road at Railway Line 399 towards Village Arbab Solangi, Taluka Mehrabpur, District Naushehro Feroz.

SH-I Metalled Road	Rs. 5,529,234.00
SH-II Culvert	Rs. 408,227.00
Total Estimated Cost	<u>Rs. 5,937,461.00</u>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Construction of Metalled Road at Railway Line 399 towards Village Arbab Solangi, Taluka Mehrabpur, District Naushehro Feroz.

SH-I Metalled Road

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	58500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,059,692.00
2	(Page .483 Item .18) 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) .	58500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,189,504.00
3	(Page .484 Item .26) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	6926	Cft	7544.65 (Rs. Seven Thousands five hundred forty four & ps. Sixty five)	% Cft (Hundred Cubic Feet)	Rs. 522,542.00
4	(Page .485 Item .28) Supplying and Laying hand broken 2-1/2" to 3/4" (64 mm to 19mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	6926	Cft	7761.52 (Rs. Seven thousand seven hundred sixty one & ps. Fifty two)	% Cft (Hundred Cubic Feet)	Rs. 537,563.00
5	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	3120	Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 169,385.00
6	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	786	Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 64,211.00

7	<b>(Page .492 Item .77)</b> Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	151	Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	<b>Rs. 1,941,668.00</b>
8	<b>(Page .584, Item .5)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	24	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 16,188.00</b>
	<b>(Page .584, Item .7)</b> (B) 18" (460mm) Dia Pipe....	24	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	<b>Rs. 28,481.00</b>
<b>Total Amount</b>						<b>Rs. 5,529,234.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Construction of Metalled Road at Railway Line 399 towards Village Arbab Solangi, Taluka Mehrabpur, District Naushehro Feroz.  
SH-II Culvert

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630	Cft	1624.63 (Rs. One Thousand Six Hundred Twenty four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110	Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167	Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209	Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26	Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78	Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00
7	(Page .179+195 Item .42+136) Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2 ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and gound floor.	59	Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	Rs. 27,401.00

8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112	Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115	Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316	Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>						<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**NAME OF WORK:-**

**Rehabilitation / Improvement / Construction of Metalled Road at Totha towards Lundi Jamali, Taluka Mehrabpur, District Naushehro Feroz.**

SH-I Metalled Road	Rs14,101,005.00
SH-II Culvert (02 Nos)	Rs.816454.00
<b>Total Estimated Cost</b>	<b>Rs.14917459.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).



NAME OF WORK:-

**Rehabilitation / Improvement / Construction of Metalled Road at Totha towards Lundi Jamali, Taluka Mehrabpur, District Naushehro Feroz.**

**SH-I Metalled Road**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	96250 Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,743,511.00
2	(Page .483 Item .18) 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) .	96250 Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,957,090.00
3	(Page .485 Item .28) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	33000 Cft	7761.52 (Rs. Seven Thousands Seven Hundred sixty one & ps.fifty two)	% Cft (Hundred Cubic Feet)	Rs. 2,561,302.00
4	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	11000 Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 597,190.00
5	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	2772 Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 226,453.00
6	(Page .492 Item .77) Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	534 Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	Rs. 6,866,562.00

7	(Page .584, Item .5) Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	80	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	Rs. 53,962.00
	(Page .584, Item .7) (B) 18" (460mm) Dia Pipe....	80	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	Rs. 94,935.00
<b>Total Amount</b>						<b>Rs. 14,101,005.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Rehabilitation / Improvement / Construction of Metalled Road at Totha towards Lundi Jamali, Taluka Mehrabpur, District Naushehro Feroz.

**SH-II Culvert**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630 Cft	1624.63 (Rs. One Thousand six hundred twenty four & ps. Sixty three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110 Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167 Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209 Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26 Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78 Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00

7	<b>(Page .179+195 Item .42+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and ground floor.	59 Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	<b>Rs. 27,401.00</b>
8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112 Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9 Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115 Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>					<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**NAME OF WORK:-**

**Rehabilitation / Improvement / Construction of Metalled Road at Pir Wasan towards Dur Muhammad Mojai, Taluka Mehrabpur, District Naushehro Feroz.**

SH-I Metalled Road	Rs7,057,947.00
SH-II Culvert (01 No.)	Rs.408227
Total Estimated Cost	<u>Rs.7466174.00</u>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

**Rehabilitation / Improvement / Construction of Metalled Road at Pir Wasan towards Dur Muhammad Mojai, Taluka Mehrabpur, District Naushehro Feroz.**

**SH-I Metalled Road**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	55120 Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 998,466.00
2	(Page .483 Item .18) 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) .	55120 Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,120,777.00
3	(Page .485 Item .28) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	15600 Cft	7761.52 (Rs. Seven Thousands Seven Hundred sixty one & ps.fifty two)	% Cft (Hundred Cubic Feet)	Rs. 1,210,797.00
4	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	5200 Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 282,308.00
5	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	1310 Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 107,018.00
6	(Page .492 Item .77) Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	252 Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	Rs. 3,240,400.00

7	(Page .584, Item .5) Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	40	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	Rs. 26,981.00
	(Page .584, Item .7) (B) 18" (460mm) Dia Pipe....	60	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	Rs. 71,201.00
<b>Total Amount</b>						<b>Rs. 7,057,947.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

**NAME OF WORK:-**

**Rehabilitation / Improvement / Construction of Metalled Road at Pir Wasan towards Dur Muhammad Mojai, Taluka Mehrabpur, District Naushehro Feroz.**

**SH-II Culvert**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630 Cft	1624.63 (Rs. One Thousand six hundred twenty four & ps. Sixty three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110 Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167 Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209 Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26 Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78 Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00



7	<b>(Page .179+195 Item .42+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and ground floor.	59 Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	<b>Rs. 27,401.00</b>
8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112 Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9 Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115 Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>					<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

GENERAL ABSTRACT OF COST

NAME OF WORK:-

Construction of Metalled Road at From NHA towards Moli Dino Nagor, Taluka Mehrabpur, Distict Naushehro Feroz.

SH-I Metalled Road	Rs. 13,993,180.00
SH-II Culvert 02 Nos)	Rs.816454
Total Estimated Cost	<u>Rs.14809634.00</u>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Construction of Metalled Road at From NHA towards Moli Dino Nagor, Taluka Mehrabpur, Distict Naushehro Feroz.

**SH-I Metalled Road**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	145400	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 2,633,834.00
2	(Page .483 Item .18) 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) .	145400	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 2,956,476.00
3	(Page .484 Item .26) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	18000	Cft	7544.65 (Rs. Seven Thousands five hundred forty four & ps. Sixty five)	% Cft (Hundred Cubic Feet)	Rs. 1,358,037.00
4	(Page .485 Item .28) Supplying and Laying hand broken 2-1/2" to 3/4" (64 mm to 19mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	18000	Cft	7761.52 (Rs. Seven thousand seven hundred sixty one & ps. Fifty two)	% Cft (Hundred Cubic Feet)	Rs. 1,397,074.00
5	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	8000	Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 434,320.00
6	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	2016	Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 164,693.00

7	<b>(Page .492 Item .77)</b> Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	388	Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	<b>Rs. 4,989,187.00</b>
8	<b>(Page .584, Item .5)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	32	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 21,585.00</b>
	<b>(Page .584, Item .7)</b> (B) 18" (460mm) Dia Pipe....	32	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	<b>Rs. 37,974.00</b>
<b>Total Amount</b>						<b>Rs. 13,993,180.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Construction of Metalled Road at From NHA towards Moli Dino Nagor, Taluka Mehrabpur, Distict Naushehro Feroz.

**SH-II Culvert**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630	Cft	1624.63 (Rs. One Thousand Six Hundred Twenty four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110	Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167	Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209	Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26	Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78	Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00
7	(Page .179+195 Item .42+136) Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2 ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and gound floor.	59	Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	Rs. 27,401.00

8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112	Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115	Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316	Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>						<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**NAME OF WORK:-**

**Construction of Metalled Road at From Rohri Canal towards Village Abdul Hakeem Halepoto, Taluka Mehrabpur, District Naushehro Feroz.**

SH-I Metalled Road	Rs. 3,322,679.00
SH-II Culvert	Rs. 408,227.00
Total Estimated Cost	<u>Rs. 3,730,906.00</u>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Construction of Metalled Road at From Rohri Canal towards Village Abdul Hakeem Halepoto, Taluka Mehrabpur, District Naushehro Feroz.

SH-I Metalled Road

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	34875	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 631,740.00
2	(Page .483 Item .18) 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) .	34875	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 709,127.00
3	(Page .484 Item .27) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	4185	Cft	7544.65 (Rs. Seven Thousands five Hundred forty four Ps. Sixty Five)	% Cft (Hundred Cubic Feet)	Rs. 315,744.00
4	(Page .485 Item .28) Supplying and Laying hand broken 2-1/2" to 3/4" (64 mm to 19mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	4185	Cft	7761.52 (Rs. Seven thousnad seven hundred & Ps. Fifty Two)	% Cft (Hundred Cubic Feet)	Rs. 324,820.00
5	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	1860	Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 100,979.00
6	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	469	Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 38,314.00



7	(Page .492 Item .77) Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	90	Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	Rs. 1,157,286.00
8	(Page .584, Item .5) Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	24	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	Rs. 16,188.00
	(Page .584, Item .7) (B) 18" (460mm) Dia Pipe....	24	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	Rs. 28,481.00
<b>Total Amount</b>						<b>Rs. 3,322,679.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Construction of Metalled Road at From Rohri Canal towards Village Abdul Hakeem Halepoto, Taluka Mehrabpur, District Naushehro Feroz.

SH-II Culvert

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630	Cft	1624.63 (Rs. One Thousand Six Hundred Twenty Three & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110	Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167	Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209	Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26	Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78	Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00
7	(Page .179+195 Item .42+136) Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2 ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and gound floor.	59	Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	Rs. 27,401.00

8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112	Cft	43716.64 (Rs. Forty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Forty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115	Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316	Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>						<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

GENERAL ABSTRACT OF COST

NAME OF WORK:-

Construction of Metalled Road & Providing and Laying Drainage Line at Various Villages of Mehrabpur, Taluka Mehrabpur, District Naushehro Feroz.

SH-I Metalled Road	Rs. 5,726,485.00
SH-II Culvert	Rs.1727315.00
Total Estimated Cost	<u>Rs.7453800.00</u>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

Construction of Metalled Road & Providing and Laying Drainage Line at Various Villages of Mehrabpur, Taluka Mehrabpur, District Naushehro Feroz.

SH-I Metalled Road

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	60000	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,086,864.00
2	(Page .483 Item .18) 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) .	60000	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 1,220,004.00
3	(Page .484 Item .26) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	7245	Cft	7544.65 (Rs. Seven Thousands five hundred forty four & ps. Sixty five)	% Cft (Hundred Cubic Feet)	Rs. 546,610.00
4	(Page .485 Item .28) Supplying and Laying hand broken 2-1/2" to 3/4" (64 mm to 19mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	7245	Cft	7761.52 (Rs. Seven thousand seven hundred sixty one & ps. Fifty two)	% Cft (Hundred Cubic Feet)	Rs. 562,322.00
5	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	3220	Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 174,814.00
6	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	811	Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 66,253.00

7	<b>(Page .492 Item .77)</b> Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	156	Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	<b>Rs. 2,005,962.00</b>
8	<b>(Page .584, Item .5)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	24	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 16,188.00</b>
	<b>(Page .584, Item .7)</b> (B) 18" (460mm) Dia Pipe....	40	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	<b>Rs. 47,468.00</b>
<b>Total Amount</b>						<b>Rs. 5,726,485.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Construction of Metalled Road & Providing and Laying Drainage Line at Various Villages of Mehrabpur, Taluka Mehrabpur, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	3113 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 50,575.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	1249 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 271,586.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	2250	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 868,114.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	1508 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 103,747.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	4000 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 161,397.00
6	(Page .182 + 195 Item . 56 + 136) 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.	120 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 54,704.00

7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	3000	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 96,071.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	5	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 71,745.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	40	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 14,533.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	30	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 13,336.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	32	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 21,585.00</b>
<b>Total Amount</b>						<b>Rs.1727315.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).



Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**NAME OF WORK:-**

**Rehabilitation / Improvement / Construction of Metalled Road at Link Lakha Road towards Sodho Khan Baladi, U/C- Saeedpur, Taluka Mehrabpur, District Naushehro Feroz.**

SH-I Metalled Road	Rs3,312,922.00
SH-II Culvert (01 No.)	Rs.408227
<b>Total Estimated Cost</b>	<b>Rs.3721149.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-

**Rehabilitation / Improvement / Construction of Metalled Road at Link Lakha Road towards Sodho Khan Baladi, U/C- Saeedpur, Taluka Mehrabpur, District Naushehro Feroz.**

**SH-I Metalled Road**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	27000 Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 489,089.00
2	(Page .483 Item .18) 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) .	27000 Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 549,002.00
3	(Page .485 Item .28) Supplying and Laying hand broken 3" to 3/4" (76 mm to 19 mm) 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 miles lead and all lift complete (actual compacted depth shall be considered for payment).	7200 Cft	7761.52 (Rs. Seven Thousands Seven Hundred sixty one & ps.fifty two)	% Cft (Hundred Cubic Feet)	Rs. 558,829.00
4	(Page .505 Item .188) Brick Edging with 1st Class burnt bricks in road work complete as per direction of the Engineer In charge.	2400 Rft	54.29 (Rs. Fifty Four & Ps. Twenty Nine)	P.Rft (Per Running Feet)	Rs. 130,296.00
5	(Page .488 Item .55) Supplying, stacking and spreading murum of approved quality over stone metalling or brick ballast including watering, consolidating with power roller including 10 miles lead and all lift.	605 Cft	8169.30 (Rs. Eight Thousands One Hundred Sixty Nine & Ps. Thirty)	% Cft (Hundred Cubic Feet)	Rs. 49,424.00
6	(Page .492 Item .77) Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	116 Ton	12858.73 (Rs. Twelve Thousands Eight Hundred Fifty Eight & Ps. Seventy Three)	P.Ton (Per Ton)	Rs. 1,491,613.00

7	<b>(Page .584, Item .5)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 12" (305mm) Dia Pipe....	24	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 16,188.00</b>
	<b>(Page .584, Item .7)</b> (B) 18" (460mm) Dia Pipe....	24	Rft	1186.69 (Rs. One Thousand One Hundred Eighty Six & Ps. Sixty Nine)	P.Rft (Per Running Feet)	<b>Rs. 28,481.00</b>
<b>Total Amount</b>						<b>Rs. 3,312,922.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

NAME OF WORK:-Rehabilitation / Improvement / Construction of Metalled Road at Link Lakha Road towards Sodho Khan Baladi, U/C- Saeedpur, Taluka Mehrabpur, District Naushehro Feroz.SH-II Culvert

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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 (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, and lift upto 5 feet (1.52 m).	630 Cft	1624.63 (Rs. One Thousand six hundred twenty four & ps. Sixty three)	% Cft (Hundred Cubic Feet)	Rs. 10,235.00
2	(Page .52 Item .15) Providing and laying 1:5:10 (1 cement 5 sand and 10 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	110 Cft	19220.93 (Rs. Nineteen Thousands Two Hundred Twenty & Ps. Ninety Three)	% Cft (Hundred Cubic Feet)	Rs. 21,143.00
3	(Page 132 Item .1) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls more than 13-1/2 inches (343 mm) thick including scaffolding, raking out Joints and curing etc. Complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	167 Cft	36129.72 (Rs. Thirty Six Thousands One Hundred Twenty Nine & Ps. Seventy Two)	% Cft (Hundred Cubic Feet)	Rs. 60,337.00
4	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in foundation basement & plinth (foundattion and basment masonry upto 5' ft depth and plinth upto 4' ft height from ground level).	209 Cft	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eight Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 80,638.00
5	(Page .231 Item .02) Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches (25 mm) and down gauge with levelling and ramming, watering and curing etc. complete..	26 Cft	22036.75 (Rs. Twenty Two Thousands Thirty Six & Ps. Seventy Five)	% Cft (Hundred Cubic Feet)	Rs. 5,730.00
6	(Page .232 Item .7) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.	78 Sft	9562.54 (Rs.Nine Thousands Five Hundred Sixty Two & Ps. Fifty Four)	%Sft (Hundred Square Feet)	Rs. 7,459.00
7	(Page .179+195 Item .42+136) Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in sill and bed plates of straight or circular walls including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and goround floor.	59 Cft	46441.66 (Rs. Fourty Six Thousands Four Hundred Fourty One & Ps. Sixty Six)	% Cft (Hundred Cubic Feet)	Rs. 27,401.00

8	<b>(Page .182+195 Item .57+136)</b> Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	112 Cft	43716.64 (Rs. Fourty Three Thousands Seven Hundred Sixteen & Ps. Sixty Four)	% Cft (Hundred Cubic Feet)	<b>Rs. 48,963.00</b>
9	<b>(Page .197 Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	9 Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 129,141.00</b>
10	<b>(Page .376 Item .2)</b> 1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc.,	115 Sft	3852.59 (Rs. Three Thousands Eight Hundred Fifty Two & Ps. Fifty Nine)	%Sft (Hundred Square Feet)	<b>Rs. 4,430.00</b>
11	<b>(Page .376 Item .6)</b> 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	316 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	%Sft (Hundred Square Feet)	<b>Rs. 12,750.00</b>
<b>Total Amount</b>					<b>Rs. 408,227.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Town Committee  
Halani, Taluka Mehrabpur, District Naushehro Feroz. (Phase- I)

SH-I, C.C. PAVER BLOCKS

Rs. 9,693,957.00

SH-II, DRAIN

Rs. 1,490,758.00

Total Estimated Cost of SH-I&II.

**Rs. 11,184,715.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Town Committee Halani, Taluka Mehrabpur, District Naushehro Feroz. (Phase- I)**SH-I, C.C. PAVER BLOCKS**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	13900 Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 46,218.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	12000 Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Forty Four)	% Cft (Hundred Cubic Feet)	Rs. 217,373.00
3	(Page .483 Item .18) 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).	12000 Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 244,001.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	12620 Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 3,518,111.00
5	(Page.255 Item.177) 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)	37900 Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 5,121,427.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	1400 Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 546,827.00
<b>Total Amount</b>					<b>Rs. 9,693,957.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Town Committee Halani, Taluka Mehrabpur, District Naushehro Feroz. (Phase- I)

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	2075 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 33,711.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	833 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 181,130.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	1875	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 723,428.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	1000 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 68,798.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	3500 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 141,222.00
6	(Page .182 + 195 Item . 56 + 136) 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.	195 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 88,894.00



7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	2000	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 64,047.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	8.7	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 124,836.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	40	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 14,533.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	40	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 17,782.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	48	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 32,377.00</b>
<b>Total Amount</b>						<b>Rs. 1,490,758.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Town Committee  
Halani, Taluka Mehrabpur, District Naushehro Feroz. (Phase- II)

SH-I, C.C. PAVER BLOCKS

Rs. 9,693,957.00

SH-II, DRAIN

Rs. 1,490,758.00

Total Estimated Cost of SH-I&II.

**Rs. 11,184,715.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Town Committee Halani, Taluka Mehrabpur, District Naushehro Feroz. (Phase- II)

## SH-I, C.C. PAVER BLOCKS

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	13900	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 46,218.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	12000	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Forty Four)	% Cft (Hundred Cubic Feet)	Rs. 217,373.00
3	(Page .483 Item .18) 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).	12000	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 244,001.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	12620	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 3,518,111.00
5	(Page.255 Item.177) 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)	37900	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 5,121,427.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	1400	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 546,827.00
<b>Total Amount</b>						<b>Rs. 9,693,957.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Town Committee Halani, Taluka Mehrabpur, District Naushehro Feroz. (Phase- II)

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	2075 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 33,711.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	833 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 181,130.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	1875	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 723,428.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	1000 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 68,798.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	3500 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 141,222.00
6	(Page .182 + 195 Item . 56 + 136) 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.	195 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 88,894.00

7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	2000	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 64,047.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	8.7	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 124,836.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	40	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 14,533.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	40	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 17,782.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	48	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 32,377.00</b>
<b>Total Amount</b>						<b>Rs. 1,490,758.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Darbelo, Taluka  
Kandiaro, District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 11,948,958.00

SH-II, DRAIN

Rs. 1,490,758.00

Total Estimated Cost of SH-I&II.

**Rs. 13,439,716.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Darbelo, Taluka Kandiaro, District Naushehro Feroz.

## SH-I, C.C. PAVER BLOCKS

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	16000	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 53,200.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	15350	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Forty Four)	% Cft (Hundred Cubic Feet)	Rs. 278,056.00
3	(Page .483 Item .18) 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).	15350	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 312,118.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	15550	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 4,334,915.00
5	(Page.255 Item.177) 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)	46700	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 6,310,571.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	1690	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 660,098.00
<b>Total Amount</b>						<b>Rs. 11,948,958.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Darbelo, Taluka Kandiaro, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	2075 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 33,711.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	833 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 181,130.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	1875	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 723,428.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	1000 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 68,798.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	3500 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 141,222.00
6	(Page .182 + 195 Item . 56 + 136) 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.	195 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 88,894.00



7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	2000	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 64,047.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	8.7	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 124,836.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	40	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 14,533.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	40	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 17,782.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	48	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 32,377.00</b>
<b>Total Amount</b>						<b>Rs. 1,490,758.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of U/C- Lakha Road,  
Taluka Mehrabpur, District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 5,893,977.00

SH-II, DRAIN

Rs. 1,490,758.00

Total Estimated Cost of SH-I&II.

**Rs. 7,384,735.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of U/C- Lakha Road, Taluka Mehrabpur, District Naushehro Feroz.**SH-I, C.C. PAVER BLOCKS**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	8000	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 26,600.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	7500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 135,858.00
3	(Page .483 Item .18) 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).	7500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 152,501.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	7659	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 2,135,120.00
5	(Page.255 Item.177) 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)	23000	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 3,107,990.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	860	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 335,908.00
<b>Total Amount</b>						<b>Rs. 5,893,977.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of U/C- Lakha Road, Taluka Mehrabpur, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	2075 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 33,711.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	833 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 181,130.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	1875	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 723,428.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	1000 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 68,798.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	3500 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 141,222.00
6	(Page .182 + 195 Item . 56 + 136) 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.	195 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 88,894.00
7	(Page- 423 I-141) Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	2000 Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	Rs. 64,047.00

8	(Page .197, Item .166) Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	8.7	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Forty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	Rs. 124,836.00
9	(Page .584, Item .2) Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 6" (150 mm) dia pipe.	40	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	Rs. 14,533.00
	(Page .584, Item .3) (B) 8" (200 mm) dia Pipe	40	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	Rs. 17,782.00
	(Page .584, Item .3) (C) 12" (305 mm) dia Pipe	48	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	Rs. 32,377.00
<b>Total Amount</b>						<b>Rs. 1,490,758.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of U/C- Saleh Sahito,  
Taluka Mehrabpur, District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 5,893,977.00

SH-II, DRAIN

Rs. 1,490,758.00

Total Estimated Cost of SH-I&II.

**Rs. 7,384,735.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of U/C- Saleh Sahito, Taluka Mehrabpur, District Naushehro Feroz.**SH-I, C.C. PAVER BLOCKS**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	8000	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 26,600.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	7500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 135,858.00
3	(Page .483 Item .18) 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).	7500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 152,501.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	7659	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 2,135,120.00
5	(Page.255 Item.177) 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)	23000	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 3,107,990.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	860	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 335,908.00
<b>Total Amount</b>						<b>Rs. 5,893,977.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of U/C- Saleh Sahito, Taluka Mehrabpur, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	2075 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 33,711.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	833 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 181,130.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	1875	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 723,428.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	1000 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 68,798.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	3500 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 141,222.00
6	(Page .182 + 195 Item . 56 + 136) 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.	195 Cft	45586.77 (Rs. Forty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 88,894.00



7	(Page- 423 I-141) Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	2000	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 64,047.00</b>
8	(Page .197, Item .166) Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	8.7	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 124,836.00</b>
9	(Page .584, Item .2) Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 6" (150 mm) dia pipe.	40	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 14,533.00</b>
	(Page .584, Item .3) (B) 8" (200 mm) dia Pipe	40	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 17,782.00</b>
	(Page .584, Item .3) (C) 12" (305 mm) dia Pipe	48	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 32,377.00</b>
<b>Total Amount</b>						<b>Rs. 1,490,758.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Village of Dilawar Solangi, Deh Kanjur,  
Taluka Bhiria, District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 1,963,031.00

SH-II, DRAIN

Rs. 267,272.00

Total Estimated Cost of SH-I&II.

**Rs. 2,230,303.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Village of Dilawar Solangi, Deh Kanjur, Taluka Bhiria,  
District Naushehro Feroz.

## SH-I, C.C. PAVER BLOCKS

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	2660	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 8,845.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	2500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Forty Four)	% Cft (Hundred Cubic Feet)	Rs. 45,286.00
3	(Page .483 Item .18) 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) .	2500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 50,834.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	2550	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 710,870.00
5	(Page.255 Item.177) 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)	7660	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 1,035,096.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	287	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 112,100.00
<b>Total Amount</b>						<b>Rs. 1,963,031.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Village of Dilawar Solangi, Deh Kanjur, Taluka Bhiria, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	415 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 6,742.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	167 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 36,313.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	325	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 125,394.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	200 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 13,760.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	660 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 26,630.00
6	(Page .182 + 195 Item . 56 + 136) 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.	30 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 13,676.00
7	(Page- 423 I-141) Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	400 Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	Rs. 12,809.00

8	(Page .197, Item .166) Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	1.400 Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Forty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	Rs. 20,089.00
9	(Page .584, Item .2) Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) (A) 6" (150 mm) dia pipe.	8 Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	Rs. 2,907.00
	(Page .584, Item .3) (B) 8" (200 mm) dia Pipe	8 Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	Rs. 3,556.00
	(Page .584, Item .3) (C) 12" (305 mm) dia Pipe	8 Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	Rs. 5,396.00
<b>Total Amount</b>					<b>Rs. 267,272.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Village Laik Kalhoro Aakhri Stop, Taluka  
Kandiaro, District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 1,963,031.00

SH-II, DRAIN

Rs. 267,272.00

Total Estimated Cost of SH-I&II.

**Rs. 2,230,303.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-Providing and Laying CC Tuff Paver Blocks & Drain at Village Laik Kalhoro Aakhri Stop, Taluka Kandiaro, District Naushehro Feroz.**SH-I, C.C. PAVER BLOCKS**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	2660	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 8,845.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	2500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Forty Four)	% Cft (Hundred Cubic Feet)	Rs. 45,286.00
3	(Page .483 Item .18) 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).	2500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 50,834.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	2550	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 710,870.00
5	(Page.255 Item.177) 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)	7660	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 1,035,096.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	287	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 112,100.00
<b>Total Amount</b>						<b>Rs. 1,963,031.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Village Laik Kalhoro Aakhri Stop, Taluka Kandiaro, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	415 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 6,742.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	167 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 36,313.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	325	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 125,394.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	200 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 13,760.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	660 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 26,630.00
6	(Page .182 + 195 Item . 56 + 136) 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.	30 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 13,676.00



7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	400	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 12,809.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	1.400	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 20,089.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	8	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 2,907.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	8	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 3,556.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	8	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 5,396.00</b>
<b>Total Amount</b>						<b>Rs. 267,272.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Village Muhammad Khan Sial, Taluka  
Kandiaro, District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 1,963,031.00

SH-II, DRAIN

Rs. 267,272.00

Total Estimated Cost of SH-I&II.

**Rs. 2,230,303.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-Providing and Laying CC Tuff Paver Blocks & Drain at Village Muhammad Khan Sial, Taluka Kandiaro, District Naushehro Feroz.**SH-I, C.C. PAVER BLOCKS**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	2660	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 8,845.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	2500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Forty Four)	% Cft (Hundred Cubic Feet)	Rs. 45,286.00
3	(Page .483 Item .18) 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).	2500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 50,834.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	2550	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 710,870.00
5	(Page.255 Item.177) 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)	7660	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 1,035,096.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	287	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 112,100.00
<b>Total Amount</b>						<b>Rs. 1,963,031.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Village Muhammad Khan Sial, Taluka Kandiaro, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	415 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 6,742.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	167 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 36,313.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	325	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 125,394.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	200 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 13,760.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	660 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 26,630.00
6	(Page .182 + 195 Item . 56 + 136) 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.	30 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 13,676.00

7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	400	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 12,809.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	1.400	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 20,089.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	8	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 2,907.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	8	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 3,556.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	8	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 5,396.00</b>
<b>Total Amount</b>						<b>Rs. 267,272.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Village Aayal Tunio, Taluka Kandiaro,  
District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 1,963,031.00

SH-II, DRAIN

Rs. 267,272.00

Total Estimated Cost of SH-I&II.

**Rs. 2,230,303.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Village Aayal Tunio, Taluka Kandiaro, District Naushehro Feroz.**SH-I, C.C. PAVER BLOCKS**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	2660	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 8,845.00
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3	(Page .483 Item .18) 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).	2500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 50,834.00
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5	(Page.255 Item.177) 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)	7660	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 1,035,096.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	287	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 112,100.00
<b>Total Amount</b>						<b>Rs. 1,963,031.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Village Aayal Tunio, Taluka Kandiaro, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	415 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 6,742.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	167 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 36,313.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	325	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 125,394.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	200 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 13,760.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	660 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 26,630.00
6	(Page .182 + 195 Item . 56 + 136) 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.	30 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 13,676.00



7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	400	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 12,809.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	1.400	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 20,089.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	8	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 2,907.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	8	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 3,556.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	8	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 5,396.00</b>
<b>Total Amount</b>						<b>Rs. 267,272.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Village Behram & Kamal Solangi, Taluka Mehrabpur, District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 5,893,977.00

SH-II, DRAIN

Rs. 1,490,758.00

Total Estimated Cost of SH-I&II.

**Rs. 7,384,735.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-Providing and Laying CC Tuff Paver Blocks & Drain at Village Behram & Kamal Solangi, Taluka Mehrabpur, District Naushehro Feroz.**SH-I, C.C. PAVER BLOCKS**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	8000	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 26,600.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	7500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Forty Four)	% Cft (Hundred Cubic Feet)	Rs. 135,858.00
3	(Page .483 Item .18) 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).	7500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 152,501.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	7659	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 2,135,120.00
5	(Page.255 Item.177) 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)	23000	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 3,107,990.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	860	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 335,908.00
<b>Total Amount</b>						<b>Rs. 5,893,977.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Village Behram & Kamal Solangi, Taluka Mehrapur, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	2075 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 33,711.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	833 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 181,130.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	1875	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 723,428.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	1000 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 68,798.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	3500 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 141,222.00
6	(Page .182 + 195 Item . 56 + 136) 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.	195 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 88,894.00

7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	2000	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 64,047.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	8.7	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 124,836.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	40	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 14,533.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	40	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 17,782.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	48	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 32,377.00</b>
<b>Total Amount</b>						<b>Rs. 1,490,758.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Village Popat Solangi, Taluka Kandiaro,  
District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 1,252,953.00

SH-II, DRAIN

Rs. 238,324.00

Total Estimated Cost of SH-I&II.

**Rs. 1,491,277.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-Providing and Laying CC Tuff Paver Blocks & Drain at Village Popat Solangi, Taluka Kandiaro, District Naushehro Feroz.**SH-I, C.C. PAVER BLOCKS**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	1900	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 6,318.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	1500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Forty Four)	% Cft (Hundred Cubic Feet)	Rs. 27,172.00
3	(Page .483 Item .18) 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).	1500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 30,500.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	1632	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 454,957.00
5	(Page.255 Item.177) 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)	4900	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 662,137.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	184	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 71,869.00
<b>Total Amount</b>						<b>Rs. 1,252,953.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Village Popat Solangi, Taluka Kandiaro, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	415 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 6,742.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	167 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 36,313.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	300	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 115,749.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	200 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 13,760.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	600 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 24,210.00
6	(Page .182 + 195 Item . 56 + 136) 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.	15 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 6,838.00



7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	400	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 12,809.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	0.70	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 10,044.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	8	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 2,907.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	8	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 3,556.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	8	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 5,396.00</b>
<b>Total Amount</b>						<b>Rs. 238,324.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks at Syed Mumtaz Shah Bunglow towards Mangria Imam Bargah, Taluka Mehrabpur, District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 1,252,953.00

SH-II, DRAIN

Rs. 238,324.00

Total Estimated Cost of SH-I&II.

**Rs. 1,491,277.00**

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-Providing and Laying CC Tuff Paver Blocks at Syed Mumtaz Shah Bunglow towards Mangria Imam Bargah,  
Taluka Mehrabpur, District Naushehro Feroz.**SH-I, C.C. PAVER BLOCKS**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	1900	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 6,318.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	1500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 27,172.00
3	(Page .483 Item .18) 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).	1500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 30,500.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	1632	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 454,957.00
5	(Page.255 Item.177) 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)	4900	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 662,137.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	184	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 71,869.00
<b>Total Amount</b>						<b>Rs. 1,252,953.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks at Syed Mumtaz Shah Bunglow towards Mangria Imam Bargah, Taluka Mehrabpur, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	415 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 6,742.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	167 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 36,313.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	300	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 115,749.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	200 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 13,760.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	600 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 24,210.00
6	(Page .182 + 195 Item . 56 + 136) 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.	15 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 6,838.00

7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	400	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 12,809.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	0.70	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 10,044.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	8	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 2,907.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	8	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 3,556.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	8	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 5,396.00</b>
<b>Total Amount</b>						<b>Rs. 238,324.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at Village Allah Wasayo Unar, Taluka  
Kandiaro, District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 3,217,050.00

SH-II, DRAIN

Rs.368327.00

Total Estimated Cost of SH-I&II.

Rs.3585377.00

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Village Allah Wasayo Unar, Taluka Kandiaro, District Naushehro Feroz.

## SH-I, C.C. PAVER BLOCKS

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	3500	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 11,638.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	4500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Forty Four)	% Cft (Hundred Cubic Feet)	Rs. 81,515.00
3	(Page .483 Item .18) 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).	4500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 91,500.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	4160	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 1,159,694.00
5	(Page.255 Item.177) 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)	12500	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 1,689,125.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	470	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 183,578.00
<b>Total Amount</b>						<b>Rs. 3,217,050.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at Village Allah Wasayo Unar, Taluka Kandiaro, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	2075 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 33,711.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	833 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 181,130.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	1875	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 723,428.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	1000 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 68,798.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	3500 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 141,222.00
6	(Page .182 + 195 Item . 56 + 136) 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.	195 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 88,894.00



7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	2000	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 64,047.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	8.7	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 124,836.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	40	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 14,533.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	40	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 17,782.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	48	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 32,377.00</b>
<b>Total Amount</b>						<b>Rs.368327.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Province : Sindh  
Branch : B/R

Division: Nawabshah (SBA)  
Sub Division

**GENERAL ABSTRACT OF COST**

**Name of Work:-**

Providing and Laying CC Tuff Paver Blocks & Drain at From Moli Dino Nagor towards Uris Nagor,  
Taluka Mehrabpur, District Naushehro Feroz.

SH-I, C.C. PAVER BLOCKS

Rs. 1,963,031.00

SH-II, DRAIN

Rs. 267,272.00

Total Estimated Cost of SH-I&II.

Rs. 2,230,303.00

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-Providing and Laying CC Tuff Paver Blocks & Drain at From Moli Dino Nagor towards Uris Nagor, Taluka Mehrabpur, District Naushehro Feroz.**SH-I, C.C. PAVER BLOCKS**

S.No	DESCRIPTION OF ITME	QTY		RATE	UNIT	AMOUNT
1	(Page .34 Item .5) Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	2660	Sft	332.50 (Rs. Three Hundred Thirty Two & Ps. Fifty)	% Sft (Hundred Square Feet)	Rs. 8,845.00
2	(Page .482 Item .10) Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead upto 100ft. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	2500	Cft	1811.44 (Rs. One Thousand Eight Hundred Eleven & Ps. Fourty Four)	% Cft (Hundred Cubic Feet)	Rs. 45,286.00
3	(Page .483 Item .18) 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).	2500	Cft	2033.34 (Rs. Two Thousands Thirty Three & Ps. Thirty Four)	% Cft (Hundred Cubic Feet)	Rs. 50,834.00
4	(Page.494 Item.94) Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, path, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete.	2550	Cft	27877.27 (Rs. Twenty Seven Thousands Eight Hundred Seventy Seven & Ps. Twenty Seven)	% Cft (Hundred Cubic Feet)	Rs. 710,870.00
5	(Page.255 Item.177) Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour patten (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)	7660	Sft	135.13 (Rs. One Hundred Thirty Five & Ps. Thirteen)	P.Sft (Per Square Feet)	Rs. 1,035,096.00
6	(Page.59 Item.15) Providing and Laying in situ 1:2:4 (1 cement 2 sand & 4 course aggregate) cement concrete using crushed graded boulders 3/4' and down gauge in foundation basement and plinth i/c form work compacting , curing and removal of formwork etc complete in foudnation basement upto 5' ft depth and plinth upto 4' ft height from ground level.	287	Cft	39059.08 (Rs. Thirty Nine thousand fifty nine & ps. Zero eight)	% Cft (Hundred Cubic Feet)	Rs. 112,100.00
<b>Total Amount</b>						<b>Rs. 1,963,031.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Name of Work:-

Providing and Laying CC Tuff Paver Blocks & Drain at From Moli Dino Nagor towards Uris Nagor,  
Taluka Mehrabpur, District Naushehro Feroz.

**SH-II, DRAIN**

S.No	DESCRIPTION OF ITME	QTY	RATE	UNIT	AMOUNT
1	(Page .40 Item .1) 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	415 Cft	1624.63 (Rs. One Thousand Six Hudred Twenty Four & Ps. Sixty Three)	% Cft (Hundred Cubic Feet)	Rs. 6,742.00
2	(Page .52 Item .13) Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 2 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	167 Cft	21744.25 (Rs. Twenty Seven Thousands Seven Hundred Fourty Four & Ps. Twenty Five)	% Cft (Hundred Cubic Feet)	Rs. 36,313.00
3	(Page .132 Item .2) Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level) .	325	38582.85 (Rs. Thirty Eight Thousands Five Hundred Eighty Two & Ps. Eighty Five)	% Cft (Hundred Cubic Feet)	Rs. 125,394.00
4	(Page .231 Item .06) Providing and laying floor of 2 inches 51 mm thick 1:2:4 cement concrete using graded screened bajri 3/4" 19 mm & down gauge in ground floor laid in with or panels i/c formwork consolidation finishing and curing etc complete.	200 Sft	6879.77 (Rs. Six thousand eight hundred seventy nine & ps. Seventy seven)	% Sft (Hundred square Foot)	Rs. 13,760.00
5	(Page .376 Item .6) 1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	660 Sft	4034.92 (Rs. Four Thousands Thirty Four & Ps. Ninety Two)	% Sft (Hundred Square Feet)	Rs. 26,630.00
6	(Page .182 + 195 Item . 56 + 136) 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.	30 Cft	45586.77 (Rs. Fourty Five Thousands Five Hundred Eighty Six & Ps. Seventy Seven)	% Cft (Hundred Cubic Feet)	Rs. 13,676.00

7	<b>(Page- 423 I-141)</b> Providing and laying gola 3"x3" (76mm x 76mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finishing with cement plaster 1:4 i/c curing etc complete.	400	Rft	3202.36 (Rs. Three thousand two hundred two & ps. Thirty six)	P. Rft (Per running foot)	<b>Rs. 12,809.00</b>
8	<b>(Page .197, Item .166)</b> Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps 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 projections for future extension .	1.400	Cwt	14349.01 (Rs. Fourteen Thousands Three Hundred Fourty Nine & Ps. Zero One)	P.Cwt (Per Hundred Weight)	<b>Rs. 20,089.00</b>
9	<b>(Page .584, Item .2)</b> Providing R.C.C pipes and collars of class 'C' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 80 feet (25 m) and cartage within 10 miles (16.09 km.) <b>(A) 6" (150 mm) dia pipe.</b>	8	Rft	363.33 (Rs. Three Hundred Sixty Three & Ps. Thirty Three)	P.Rft (Per Running Feet)	<b>Rs. 2,907.00</b>
	<b>(Page .584, Item .3)</b> <b>(B) 8" (200 mm) dia Pipe</b>	8	Rft	444.54 (Rs. Four Hundred Fourty Four & Ps. Fifty Four)	P.Rft (Per Running Feet)	<b>Rs. 3,556.00</b>
	<b>(Page .584, Item .3)</b> <b>(C) 12" (305 mm) dia Pipe</b>	8	Rft	674.52 (Rs. Six Hundred Seventy Four & Ps. Fifty Two)	P.Rft (Per Running Feet)	<b>Rs. 5,396.00</b>
<b>Total Amount</b>						<b>Rs. 267,272.00</b>

Assistant Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).

Executive Engineer  
Central Civil Division  
Pakistan PWD, Nawabshah (SBA).



No.EE/CCD/Nawabshah(SBA)/224

**GOVERNMENT OF PAKISTAN**  
**PAKISTAN PUBLIC WORKS DEPARTMENT**

Nawabshah(SBA),

the dated: **17-05-2024**

**INVITATION TO BID**

The Executive Engineer, Central Civil Division, Pak PWD, Federal Lodge Society road Nawabshah(SBA) , invite sealed tenders, Single Stage Single Envelope on percentage rate basis for the work tabulated hereunder, from the Contractors/Firms registered with Income Tax (who are Active on Taxpayers List & non-defaulter of Federal Board of Revenue) & having valid license of Pakistan Engineering Council 2023-24 & above 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 on submission of a written application supported with requisite documents from the office of the undersigned during office hour latest by **04-06-2024** upon payment of a non-refundable fees of **Rs.3000/-** for each tender in shape of cash.

3. In accordance with PPRA Rule-25; Fixed Bid Security as mentioned against each work is required, in shape of CDR / Pay Order / Bank Draft in favor of undersigned, duly mentioned the name & title of the firm by any schedule bank. The bidder will submit Original Bid Security along with Tender documents. Tender should be dropped in tender box by **1:30 P.M on 05-06-2024** which will be opened on same day at **2:00 P.M** in presence of the participants.

S.No.	Name of Schemes	Admin/Estimate Amount	Fixed Bid Security Cost
1	Rehabilitation / Improvement / Construction of Metalled Road at Village Rustam Shah & Town Committee Bhiria, Taluka Bhiria, District Naushehro Feroz.	RS.20,000,000/-	Rs.600,000/-
2	Construction of Metalled Road at NHA to Aachar Jogi, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
3	Construction of Metalled Road at Tunia Baqa shah to Ghulam Mustafa Lashari, Taluka Mehrabpur, District Naushehro Feroz.	RS.5,000,000/-	Rs.150,000/-
4	Construction of Metalled Road at Tunia Baqa Shah to Wahid Bux Bhanbhan, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
5	Rehabilitation / Improvement / Construction of Metalled Road at Khanwahan City to Pir Kashal Shah, Taluka Kandiaro, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
6	Rehabilitation / Improvement / Construction of Metalled Road at Syed Ahmed Shah ( Dargah Syed Shehanshah) Taluka Kandiaro, District Naushehro Feroz.	RS.18,000,000/-	Rs.550,000/-
7	Construction of Metalled Road at Railway Line 399 towards Village Arbab Solangi, Taluka Mehrabpur, District Naushehro Feroz.	RS.8,000,000/-	Rs.250,000/-
8	Rehabilitation / Improvement / Construction of Metalled Road at Totha towards Lundi Jamali, Taluka Mehrabpur, District Naushehro Feroz.	RS.20,000,000/-	Rs.600,000/-
9	Rehabilitation / Improvement / Construction of Metalled Road at Pir Wasan towards Dur Muhammad Mojai, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
10	Construction of Metalled Road at From NHA towards Moli Dino Nagor, Taluka Mehrabpur, Distict Naushehro Feroz.	RS.20,000,000/-	Rs.600,000/-

11	Construction of Metalled Road at From Rohri Canal towards Village Abdul Hakeem Halepoto, Taluka Mehrabpur, District Naushehro Feroz.	RS.5,000,000/-	Rs.150,000/-
12	Construction of Metalled Road & Providing and Laying Drainage Line at Various Villages of Mehrabpur, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
13	Rehabilitation / Improvement / Construction of Metalled Road at Link Lakha Road towards Sodho Khan Baladi, U/C- Saeedpur, Taluka Mehrabpur, District Naushehro Feroz.	RS.5,000,000/-	Rs.150,000/-
14	Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Town Committee Halani, Taluka Mehrabpur, District Naushehro Feroz. (Phase-I)	RS.15,000,000/-	Rs.450,000/-
15	Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Town Committee Halani, Taluka Mehrabpur, District Naushehro Feroz.(Phase-II)	RS.15,000,000/-	Rs.450,000/-
16	Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of Darbelo, Taluka Kandiaro, District Naushehro Feroz.	RS.18,000,000/-	Rs.550,000/-
17	Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of U/C- Lakha Road, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
18	Providing and Laying CC Tuff Paver Blocks & Drain at Various Villages Of U/C- Saleh Sahito, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	Rs.300,000/-
19	Providing and Laying CC Tuff Paver Blocks & Drain at Village of Dilawar Solangi, Deh Kanjur, Taluka Bhiria, District Naushehro Feroz.	RS.3,000,000/-	RS.120,000/-
20	Providing and Laying CC Tuff Paver Blocks & Drain at Village Laik Kalhoro Aakhri Stop, Taluka Kandiaro, District Naushehro Feroz.	RS.3,000,000/-	RS.120,000/-
21	Providing and Laying CC Tuff Paver Blocks & Drain at Village Muhammad Khan Sial, Taluka Kandiaro, District Naushehro Feroz.	RS.3,000,000/-	RS.120,000/-
22	Providing and Laying CC Tuff Paver Blocks & Drain at Village Aayal Tunio, Taluka Kandiaro, District Naushehro Feroz.	RS.3,000,000/-	RS.120,000/-
23	Providing and Laying CC Tuff Paver Blocks & Drain at Village Behram & Kamal Solangi, Taluka Mehrabpur, District Naushehro Feroz.	RS.10,000,000/-	RS.300,000/-
24	Providing and Laying CC Tuff Paver Blocks & Drain at Village Popat Solangi, Taluka Kandiaro, District Naushehro Feroz.	RS.2,000,000/-	RS.80,000/-
25	Providing and Laying CC Tuff Paver Blocks at Syed Mumtaz Shah Bunglow towards Mangria Imam Bargah, Taluka Mehrabpur, District Naushehro Feroz.	RS.2,000,000/-	RS.80,000/-
26	Providing and Laying CC Tuff Paver Blocks & Drain at Village Allah Wasayo Unar, Taluka Kandiaro, District Naushehro Feroz.	RS.5,000,000/-	RS.150,000/-
27	Providing and Laying CC Tuff Paver Blocks & Drain at From Moli Dino Nagor towards Uris Nagor, Taluka Mehrabpur, District Naushehro Feroz.	RS.3,000,000/-	RS.120,000/-

### TERMS & CONDITIONS

- ) Separate Application on Original letter head.
- ) An Undertaking on **Rs.100/- non-judicial paper(in original)** that form is neither black listed by any Government/Semi Government organization nor under litigation for any sort of recovery of Government dues on part of contractor/Bidder . If so history with regard to black listing and litigation should have to be disclosed.
- ) Earnest Money/Bid security in accordance with PPRA rule25: Fix Amount as mentioned above is required, in form of **CDR/Pay Order/Bank draft** in favor of undersigned duly mentioned the name and title of the firm.
- ) No tender will be sold/issued on the date of opening.
- ) Tender Notice also available on PPRA website([www.ppra.org.pk](http://www.ppra.org.pk))
- ) Other terms & conditions of mentioned in bidding documents will be applied mutatis mutandis.
- ) The tender shall not be entertained if received incomplete/conditional or received by mail/courier and fax or telegraphically.
- ) Bids not accompanied by bid security or submitted with lesser than required amount.
- ) The Competent authority in accordance with PPRA rule-33 of 2004 may reject all bids all proposal any time prior to the acceptance of a bid proposal.
- ) Bids received after specified date and time of Opening will not be entertained.
- ) Black listed firms not allowed.
- ) If any fake documents are found then the tender is liable to be rejected/cancelled without any compensation with penalty as per rules.
- ) 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 the date for submission and opening of tenders at the same time.
- ) In case lowest bid cost is found abnormal below; the bidder will have to furnish additional performance security in the form of Call Deposit / Pay Order / Bank Draft is an amount equal to the minus (-) variance with reference to Engineer's Estimate / Estimated Cost, The bidder is also bound to attach the rate of analysis (R.A). Otherwise, the bid security will be forfeited and necessary action with the competent form will be initiated.

-Sd-

Executive Engineer  
Central Civil Division  
Pak PWD, Nawabshah(SBA)  
Ph-0244-933001





No.EE/CCD/Nawabshah(SBA)/224  
**GOVERNMENT OF PAKISTAN**  
**PAKISTAN PUBLIC WORKS DEPARTMENT**

Nawabshah(SBA),

the dated: **17-05-2024**

To,

- 01 **The Director,**  
Press Information Department,  
Government of Pakistan,  
Hyderabad.
- 02 **The Deputy Director-III, (PPRA),**  
Public Procurement Regulatory Authority,  
(Cabinet Division), F.B.C. Building, G-5/2,  
Islamabad.

**SUBJECT : CLASSIFIED ADVERTISEMENT FOR PUBLICATION.**

Dear Sir,

Enclosed herewith a classified advertisement in triplicate for publication in two Leading Newspapers. Details given below:

- |                              |   |
|------------------------------|---|
| (a) Date of Publication.     | 19-05-2024  |
| (b) Number of insertions     | TWO   |
| (c) Page position            | Inner page  |
| (d) Colour                   | Black   |
| (e) Target                   | Nawabshah(SBA)  |
| (f) Special position or form | Box Form  |
| (g) Number of News Papers    | 2 (two) Leading News Papers for wide circulation<br>One English & One Urdu. |
| (h) Size                     | Minimum   |

**-Sd-**

Executive Engineer  
Central Civil Division  
Pak PWD, Nawabshah(SBA)  
Ph-0244-933001

Copy forwarded for information to:-

01. The Chief Engineer (South) Pak. PWD, Karachi.
02. The Superintending Engineer Civil Circle, Pak. PWD, Sukkur.
03. The Superintending Engineer (QS), DG's Office, Pak P.W.D., Islamabad,  
pak.public.works.department@gmail.com  
Along with Scope of each scheme for hoisting in Department's website. Soft copy of the same is also being emailed for compliance of the instructions in letter & spirit.
04. The Deputy Director, Public Procurement Regulatory Authority, Sector G-5, FBC Building, Islamabad, along with soft copy of Invitation to Bids & scope of each schemes for hoisting at PPRA website on or before **19-05-2024** so as to abide by the response time.
05. All the Assistant Executive Engineers, of this Division.
06. The Divisional Accounts Officer of this Division.
07. Cashier.
08. Notice Board.
09. Master File.

Executive Engineer