

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

- NO.EE.CCD.III/AB/ 166

Dated. 26/04/2022.

To,

The Director,  
Press Information Department,  
Government of Pakistan Quetta.  
Ph:0819203424


Subject: - **ADVERTISEMENT OF TENDER NOTICE.**

Enclosed please find herewith Notice inviting tender for publication in daily leading

- News papers (one Urdu and one English).

The bill in triplicate along with copies of newspapers and PPRA's copy of uploading in which insertion is made, may be submitted to this office for payment.

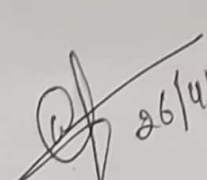
Encl: - as above.

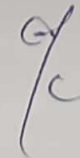
  
Executive Engineer,  
Central Civil Division No. III,  
Pakistan P.W.D., Quetta,  
Ph: No: 081-9211102.

Copy to: -

1. The Chief Engineer (W) Pak PWD Quetta.
2. The Superintending Engineer (QS), Director General's Office, Pak PWD Islamabad.
3. The Superintending Engineer, Central Civil Circle, Pak PWD Quetta.
4. PPRA, G-5/2 Islamabad/Website (by fax)
5. The Divisional Accounts Officer of this office.
6. Notice Board

  
**EXECUTIVE ENGINEER.**

 26/4/22



GOVERNMENT OF PAKISTAN  
PAKISTAN PUBLIC WORKS DEPARTMENT

Dated: 26/02/2021.

No. EE CCD-III/AB/166

**TENDER NOTICE**

Tenders are hereby invited in sealed covers from approved Government contractors who have the relevant field of specialization and duly registered/ renewed their enlistment for 2021-22 with Pakistan Engineering Council, in relevant category (C-5 and above). The bidding documents can be purchased up to 18-05-2022, which should reach in the office of the undersigned up to 19-05-2022 at 12.00 Noon and will be opened on the same day at 12.30 P.M.

S. No	Name of works	Estimated cost	Earnest money	Cost of Tender
1.	Construction of Metalled road from Maikhtar Bazar to Killi Sardar Taran Tehsil Maikhtar District Loralai (Phase-I Length 4.5KM)	29331571.00	04% of Bid amount	5000.00
2.	Construction of Metalled road from Maikhtar Bazar to Killi Sardar Taran Tehsil Maikhtar District Loralai (Phase-I Length 4.5KM)	29407183.00	04% of Bid amount	5000.00
3.	Construction/Provision of Building for Girls Primary School in Killi Sardar Taran Tehsil Maikhtar District Loralai.	7048052.00	04% of Bid amount	5000.00

Note: In case the tenders are not sold / opened on the date mentioned above due to some circumstances then the date may be considered as 23-05-2022 and 24-05-2022, respectively, with same terms and conditions.

**TERMS & CONDITIONS:-**

1. Application for purchase of tenders on printed letter head of firm/contractor.
2. Attested copies of partnership deed, power of attorney / affidavit in favour of any individual authorized to receive / submit tender documents.
3. The tender shall be issued only to the authorized representative of the firm having legal authority letter/power of attorney in case of firm the applicant shall have to produce partnership deed duly registered with the court of law.
4. No tenders will be sold by post or on the date of opening of tender.
5. Earnest money as specified above @04% of the Bid amount in the shape of call deposit as provided in PPRA Rule-25, with any local Government approved bank pledged in favour of the Executive Engineer Central Civil Division No-III Pak PWD Quetta..
6. Experience Certificate in relevant field and work orders of the Projects completed by the firm amounting to Rs:40.00M during the last 05 years and work orders of ongoing Projects amounting to Rs:40.00M at the time of purchase of tender. Work order below than 4.00 M will not be considered.
7. NTN should be produced at the time of purchase of tender.
8. The competent authority reserves the right to accept or reject any or all tenders by quoting reasons as per provision of PPRA rules-33 (1), (2) and (3) of 2004.
9. Authority letters for any representative of firm by Chief Executive of the firm / company.
10. Each page of the bid must be signed with stamp of company.
11. Those Contractors who have quoted abnormally below rates as compared with Engineers estimate they will furnish an additional CDR equal to the difference of cost along with rate analysis to protect employers interest.
12. List of machinery equipment and technical staff working with firm along with documents.
13. The affidavit on stamp paper of Rs:100/- certifying that the firm has not been ever black listed by the Government / Autonomous body.
14. An affidavit regarding authenticity of all information provided for purchase of tenders should be enclosed with the documents if any information is found incorrect fake or forged the tender of the firm will be cancelled and legal action will be taken against the firm.
15. Financial soundness certificate of the Firm from authorized Bank, last 03 years turn over certificate (40 Million each year) issued by the Bank along with last 03 years audit report of the firm duly verified/issued by a CA Firm must be attached with the application.
16. All the documents required as mentioned above should provided at the time of purchase of tender.
17. Tender Notice can also be seen on PPRA web site i.e. [www.ppra.org.pk](http://www.ppra.org.pk)
18. Notice Board.

(Aminullah Khan)  
Executive Engineer  
Central Civil Division No-III  
Pak PWD Quetta.

CONSTRUCTION OF METALLED ROAD FROM MAKHTER BAZAR TO KILLI SARDAR  
ARAN, TEHSIL MAKHTER DISTRICT LORALAI, BALUCHISTAN (PHASE-I length 4.5 Km)  
BASED ON COMPOSITE SCHEDULE OF RATES - PWD 2012  
ENGINEER'S ESTIMATE

ABSTRACT OF COST

S. No	SCH EDU	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (RS)	AMOUNT (RS)
4		Supplying and laying machine crushed 2-1/2" to 3/4" (64 mm to 19 mm) stone ballast of approved grade and quality in sub-base or base courses in required grade and camber and compacting to the required density by approved mechanical means (Vibratory Roller, Road Packer and Smooth Wheel Roller etc.) including watering with all lead and lift complete (actual compacted depth shall be considered for payment)				
	127/29		66420.00	%CF T	3,914.74	2,600,170.31
5		Providing and laying 2" (51 mm) consolidated thickness of asphalt macadam with liquid asphalt (cutbacks) of approved grade with pre-coated bajri seal coat using cut-backs @ 3-1/2 Lbs. per Cft. of aggregate of 1" and 3/4" standard size crushed stone ballast @ 15 Cft. and 5 Cft. per %Sft. respectively (56.06 Kg. per Cu.m. of aggregate of 25 mm and 19 mm standard size crushed stone ballast @ 0.045 Cu.m. and 0.015 cu per Sq.m. respectively) for base coat and 4 Lbs. per Cft. of 1/4" standard size bajri @ 6 Cft. % Sft. 64.07 kg. per Cu.m. of 6.4 mm standard size bajri @ 0.018 Cu per Sq.m. for its top; on road surface, including priming coat @ 20 Lbs per %Sft complete with rolling.				
	127/66		177120.00	%Sft	5296.33	9,380,859.70
Total Schedule items in Rs.						20,627,843



CONSTRUCTION OF METALLED ROAD FROM MAKHTER BAZAR TO KILLI SARDAR  
ARAN, TEHSIL MAKHTER DISTRICT LORALAI, BALUCHISTAN (PHASE-I length 4.5 Km)  
BASED ON COMPOSITE SCHEDULE OF RATES - PWD 2012  
ENGINEER'S ESTIMATE

ABSTRACT OF COST

S. No	SCH EDU	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (RS)	AMOUNT (RS)
1		Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 mm) 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).				
	127/10		674608.08	%Cft	590.90	3,986,259.14
2		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				
	127/18		674608.08	% Cft	300.65	2,029,358.41
3		Supplying and laying machine crushed 1-1/2" to 1/2" (38 mm to 13 mm) stone ballast of approved grade and quality in sub-base or base courses in required grade and camber and compacting to the required density by approved mechanical means (Vibratory Roller, Road Packer and Smooth Wheel Roller etc.) including watering with all lead and lift complete (actual compacted depth shall be considered for payment)				
	127/33		66420.00	%CF T	3961.15	2,630,995.83

# SIDE DRAIN

## CONSTRUCTION OF SIDE DRAIN DETAIL MEASUREMENT SHEET

S. No	Description	No	MEASUREMENT			QTY	UNIT	REMARKS
			L	B	H/D			
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, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).							
	Side Drain	1	100.00	3.00	1.50	450.00	CFT	
	TOTAL QUANTITY					450.00	CFT	
2	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using <del>graded gravel (bgn)</del> <i>crushed graded boulders</i> 4 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.							
	Side Drain	1	100.00	3.00	0.25	75.00	CFT	
	TOTAL QUANTITY					75.00	CFT	
3	Providing and laying 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using <del>graded gravel (bgn)</del> <i>crushed graded boulders</i> 4 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.							
	Side Drain	1	100.00	3.00	0.50	150.00	CFT	
	TOTAL QUANTITY					150.00	CFT	
4	Providing and laying in situ 1:2:4 cement concrete in walls 4 inches to 6 inches (102 mm to 152 mm) in thickness in superstructure using <del>screened graded gravel (bgn)</del> <i>crushed graded boulders</i> 2 1/2 inch (19 mm) and down gauge including compacting, curing, cost of form work and its removal etc. complete in ground floor.							
	Side Drain	2	100.00	0.50	1.50	150.00	CFT	
	TOTAL QUANTITY					150.00	CFT	

S. No	SCHEDULE ITEM	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (RS)	AMOUNT (RS)
1		<b>EARTH WORKS</b> <b>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. lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).</b>				
	103/1	<b>Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using <del>crushed graded boulders</del> graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.</b>	450.00	%Cft	535.09	2,407.91
2	105/14 + 105/27	<b>Providing and laying 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using <del>crushed graded boulders</del> graded gravel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.</b>	75.00	%Cft	11338.12	8,503.59
3	105/8 + 105/25	<b>Providing and laying in situ 1:2:4 cement concrete in walls 4 inches to 6 inches (102 mm to 152 mm) in thickness in superstructure using <del>crushed graded boulders</del> screened graded bajri 3/4 inch (19 mm) and down gauge including compacting, curing, cost of form work and its removal etc. complete in ground</b>	150.00	%Cft	15015.18	22,522.77
	109/15		150.00	%Cft	23245.19	34,867.79
Sub Total in Rs.						68,302
P.rft Cost						683



Government of Pakistan  
 Pakistan Public Works Department  
 Engineer (West) Pak PWD Sariab Road Quetta.  
 0819211583 Fax :- 081 9211550  
 File No: CE(W)/416/NA-258/SAP  
 Quetta the 23<sup>rd</sup> April, 2022

**Office Memorandum**

CONSTRUCTION OF METALLED ROAD FROM MAKHTER BAZAR TO KILLI SARDAR  
 N, TEHSIL MAKHTER DISTRICT LORALAI, BALUCHISTAN (PHASE-II length 4.5 Km)

BASED ON COMPOSITE SCHEDULE OF RATES - PWD 2012  
 ENGINEER'S ESTIMATE

**ABSTRACT OF COST**

S. No	SCH EDU	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (RS)	AMOUNT (RS)
4		Supplying and laying machine crushed 2-1/2" to 3/4" (64 mm to 19 mm) stone ballast of approved grade and quality in sub-base or base courses in required grade and camber and compacting to the required density by approved mechanical means (Vibratory Roller, Road Packer and Smooth Wheel Roller etc.) including watering with all lead and lift complete (actual compacted depth shall be considered for payment)				
	127/29		66420.00	%CF T	3,914.74	2,600,170.31
5		Providing and laying 2" (51 mm) consolidated thickness of asphalt macadam with liquid asphalt (cutbacks) of approved grade with precoated bajri seal coat using cut-backs @ 3-1/2 Lbs. per Cft. of aggregate of 1" and 3/4" standard size crushed stone ballast @ 15 Cft. and 5 Cft. per %Sft. respectively (56.06 Kg. per Cu.m. of aggregate of 25 mm and 19 mm standard size crushed stone ballast @ 0.045 Cu.m. and 0.015 cm per Sq.m. respectively) for base coat and 4 Lbs. per Cft. of 1/4" standard size bajri @ 6 Cft. % Sft. 64.07 kg. per Cu.m. of 6.4 mm standard size bajri @ 0.018 Cm per Sq.m. for its top; on road surface, including priming coat @ 20 Lbs per %Sft. complete with rolling.				
	127/66		177120.00	%Sft	5296.53	9,380,859.70
Total Schedule items in Rs.						20,627,843

CONSTRUCTION OF METALLED ROAD FROM MAKHTER BAZAR TO KILLI SAR DAR  
AN, TEHSIL MAKHTER DISTRICT LORALAI, BALUCHISTAN (PHASE-II length 4.5 Km)

BASED ON COMPOSITE SCHEDULE OF RATES - PWD 2012  
ENGINEER'S ESTIMATE

ABSTRACT OF COST


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1		Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 mm) 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).				
	127/10		674608.08	%Cft	590.90	3,986,259.14
2	107/18	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				
	127/18		674608.08	% Cft	300.85	2,029,558.41
3		Supplying and laying machine crushed 1-1/2" to 1/2" (38 mm to 13 mm) stone ballast of approved grade and quality in sub-base or base courses in required grade and camber and compacting to the required density by approved mechanical means (Vibratory Roller, Road Packer and Smooth Wheel Roller etc.) including watering with all lead and lift complete (actual compacted depth shall be considered for payment)				
	127/33		66420.00	%CF T	3961.15	2,630,995.83

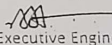


		34" (19 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc. complete.	Total	100.00	%CFT	24,175.74	24292.99
122/172		Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	Total	5694.00	%SFT	2,367.12	134546.90
13	119/18	Providing and fixing steel gate of flat iron sections of approved design with or without M.S. sheet covering including hold fast, with or without rollers and track arrangement including providing wicket shutter of required size with all accessories and locking arrangement complete as per direction of the Engineer-in-Charge	Total	5694.00	%SFT	1,406.88	79987.33
14	122/159	Painting iron work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	Total	490.00	%KG	189.12	92,670.65
			Total	220.50		2,776.62	6122.45

Add 75% Above  
Total

1716282.38  
1287211.77  
3003494.14

  
Assistant Executive Engineer-III  
Central Civil Division-III  
Pak P.W.D. Quetta

  
Executive Engineer  
Central Civil Division-III  
Pak P.W.D. Quetta

GOVERNMENT OF PAKISTAN  
PAKISTAN PUBLIC WORKS DEPARTMENT

SH:- Boundary Wall with Gate.

ps no/ite m no	Description	QTY	UNIT	RATE	AMOUNT
103/2	Excavation for foundation trenches and drains in gravelly soil and back filling the excavated material in foundation trenches 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 lead upto one chain (30.5 Rm) and lift upto 5 feet (1.52 m).				
	TOTAL QUANTITY	2625.00	%CFT	613.14	16094.89
2	106/1 Providing and laying in situ 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using screened graded bair 3/4 inch (19 mm) and down gauge in foundation, basement and plinth including form work, compacting, curing and removal of form work etc. complete foundation and basement up to 5 feet (1.52 R.m) depth and plinth up to 4 feet (1.2 R-m) height from ground level.				
		262.50	%CFT	12.457.50	32700.93
3	114/166 P/L 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.				
		4176.94	Kg	123.02	513847.08
4	114/2+1 Providing and laying reinforced cement concrete using screened graded bair 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 raft or strip foundation with columns and pillars, of any shape including form work and its removal, compacting, leveling and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth				
		840.00	%CFT	17.163.40	144172.57

Government  
Pakistan Public  
the Chief Engineer (W  
Ph:- 081921158

tta.

		0.5	CRF	664.84	332.42
			Total		345468.14
			N.S.I		24420
			S.I		321048.14



ASST. ENGINEER (W) III  
Central  
Pak PWD, Quetta.



14	306/25	Providing and fixing unplasticized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm <sup>2</sup> ) 4 inches (100 mm) dia.	260	RFT	328.36	85373.6
15	315/13	Providing manhole type 'A' size 2 feet x 1-1/2 feet or 610 mm x 457 mm (inside dimensions) x 2 feet (610 mm) deep as per approved design and specifications complete for 4 inches to 12 inches (100 mm to 305 mm) dia. Pipes upto 3 feet-11 inches (1.19 m) depth with 16 inches (406 mm dia.) (inside) cast iron cover and frame (weight = 1 Cwt. 1. Qtr.) (63.5 kg.) fixed in R.C.C 1:2:4 slab 4 inches (102 mm) thick, burnt brick masonry walls 9 inches (229 mm) thick set in 1:4 cement mortar, 6 inches (150 mm) 1:3:6 C.C. in foundation, 1:2:4 C.C. in benching and 1/2 inch (13 mm) thick cement plaster in 1:3 C.M., to all inside walls surfaces channels and benching etc., and to top including making requisite number of main and branches channels but excluding the cost of excavation, back filling and disposal of excavated stuff, manhole cover and frame.	2	Each	8483.92	16967.84
17	314/6	Providing RCC pipes and collars of class 'A' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water to a head of 4 feet (1.22 m) above the top of the highest pipe including cartage within 10 miles (16.09 km.) 6 inches (150 mm) dia. pipe..	520	RFT	152.54	79320.8
18	314/6	Providing RCC pipes and collars of class 'A' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water to a head of 4 feet (1.22 m) above the top of the highest pipe including cartage within 10 miles (16.09 km.) 6 inches (150 mm) dia. pipe..	185	RFT	152.54	28219.9
21	BR/4055	C.P. Mixer Tap 1/2 inch dia for wash basin..	2	Each	1450	2900
22	BR/4055	Excavation in soft soils including lift up to 5 feet (1.52 m) and lead up to one chain (30.48 m).	4149	% CFT	464.34	19265.467
23	315/29	Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precast complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge.				

**PAKISTAN PUBLIC WORKS DEPARTMENT**  
**CONSTRUCTION /PROVISION OF BUILDING FOR GIRLS PRIMARY SCHOOOL IN KILLI**  
**SARDAR TARAN, TEHSIL MAKHTER DISTRICT LORALAI.**

**ABSTRACT OF COST**

**PLUMBING WORK**

S.No	SH/Item No	Description	Qty	Unit	Rate	Amount
1	301/2	Providing and fixing best quality squatting type white glazed earthenware W.C Pan, Pakistani (of not less than 18 Inches clear opening as measured between flushing rims) complete with and including the cost of 13.6 litre best quality low level plastic flushing cistern with internal fittings complete, P.V.C. flushing pipe suitable for squatting type with extra bends and length with fittings, earthenware trap 4 inches (100mm) dia and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4..	2	Each	2621.92	5243.84
5	307/3	Providing and fixing 1/2 inches dia. (15 mm) brass stop cocks	6	Each	279.75	1678.5
7	301/9+1	Providing and fixing 22 inches x 16 inches (560 x 406 mm) lavatory basin in white glazed earthenware (Pakistani) complete with and including the cost of Brass oxidized bolts kit built into walls 1/2 inches (15 mm) dia. Chrome plated mixer, 1-1/4 inches (32 mm) rubber plug and chrome plated brass chain 1-1/4 inches (32 mm) dia brass waste of approved pattern 1-1/4 inches (32 mm) dia chromium plated battal trap with unions and making requisite, number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4 i/c pedestal.	2	Each	5491.97	10983.94
10	309/28	Providing and fixing water tank made of food grade polyethylene material 400 gallon (Supper tuff) i/c cost of specials and cartage upto site as per direction of Engineer in charge.	1	Each	16915.8	16915.8
11	MR	PPRC Pipe 1" dia	130	RFT	120	15600
12	MR	PPRC Pipe 3/4" dia	90	RFT	98	8820
13	306/24	Providing and fixing un platized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm <sup>2</sup> ) 3 inches (80 mm) dia.	260	RFT	207.1	53846

39	117/7	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.				
			3470.00	%SFT	4289.49	148845.30
			TOTAL			4986302.33
			N.S.I			
			S.I			4986302.327

*SA*

Asstt: Executive Engineer III  
Central Civil Division No: III  
Pak PWD, Quetta.



30	121/7 6	Providing and fixing with brass screws Alpha knob set bath latch of approved design No. 8000, Japan make, cutting wood to required shape and size with two operating keys as per direction of the engineer-in-Charge	2.00	Each	2531.56	5063.12
31	121/1 23	Providing and fixing approved brass sliding bolts or aldrops bolts 12" x 3/4" (305 mm x 19 mm) size with necessary brass screws and iron bolts and nuts.	11.00	Each	1699.18	18690.98
32	121/1 26	Providing and fixing oxidised brass sliding or aldrops bolts 6" x 1/2" (152 mm x 13 mm) size with necessary oxidised brass screws and bolts and nuts	11.00	Each	598.73	6586.03
33	121/7 1	Providing and fixing with brass screws or specially supplied screws hydraulic door closer Rayobi or approved design No. 72, Japan make, cutting wood etc., to required shape and size as per direction of engineer-in-charge.	1.00	Each	2420.5	2420.5
34	122/1 51	Distempering with vinyl distemper (ICI) Dulux Paintex of approved make and shade in two coats over and including the cost of one priming coat of lime wash including sand papering, dusting, and filling the holes, cracks and inequalities, if any, at any height in any floor.	5833.75	%SFT	1053.54	61460.89
35	122/1 72	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	3132.75	%SFT	1406.88	44074.0332
36	122/1 60	Painting wood work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	574.88	%SFT	2585.22	14861.78348
37	124/1 82	Providing and fixing Gypsum board 2' x 2' x 12mm tiles ceiling including Aluminum T & L angle 1" x 1" i.c hanger clips jointing clips and G.I Wire etc complete as required in any floor.	3106.00	SFT	71.69	222669.14
38	124/1 68	Providing and laying 5 mm glass patties (panel strips) upto 1" (25 mm) depth in floor and dado of any description in all floors.	1528.00	RFT	9.67	14775.76

25	119/1 12	Providing and fixing M.S. moulded steel door frames of 5.73" x 2-1/2" (146 mm x 63 mm) manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a double rebate size 1-1/2" x 1/2" (38 mm x 12 mm) provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge	157.50	RFT	185.34	29191.05
26	119/6 4	Providing and fixing 1-1/2 inches (38 mm) thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm. thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide alround 6 inches wide lock rail and 2nd class deodar wood solid core, i/c., 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of approved iron fittings but excluding the cost of handles and locking arrangement.	72.00	SFT	571.68	41160.96
27	119/1 19	Providing and fixing <b>plain glass</b> panes 5mm thick to <b>M.S. Box pipe / Aluminium</b> doors, windows and ventilators etc including the cost of labour but excluding the cost of M.S. square pipe beading, rubber packing and screw in any floor at any height.	311.40	SFT	88.91	27686.57
28	120/7	Providing and fixing best quality deodar wood built in frame with 1/2 inch (13 mm) thick deodar wood beading as stopper for doors, windows, ventilators, clerestory, windows, shelves, partitions, trellis work, etc., as required	4.12	CFT	5113.12	21055.67
29	121/5 2	Providing and fixing with C.P. brass screws main door handle type yale lock (Italy make) of approved design, cutting wood etc., to required size, with two operating keys, as per direction of the engineer-in-Charge.	9.00	Each	4564.76	41082.84

		Providing and laying floor of 6mm (approx: 1/4") thick coloured glazed tiles 12" x 12" (304mm x 304mm) of master make (Pakistani) first grade in ground floor laid over 1" (25mm) thick cement mortar 1:2 (1 cement and 2 sand) including jointing and washing the tiles with white cement slurry a matching colour (by using pigment in white cement) and curing etc. complete.				
21	117/6 3	Ground Floor	84.50	%SFT	18359.6	17349.822
		Providing and fixing 1/4"(6mm approx.) thick of Pakistani make first grade coloured glazed tiles 8"x 10" (203mm x 254mm) size in dado and skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement slurry to matching the colour and washing the tile, curing and cleaning etc. complete				
22	118/4 9	Ground Floor	350.00	%SFT	9914.62	34701.17
23	119/2 1	Providing and fixing hot dipped galvanized fully glazed double leaf hung steel windows and ventilators made to crittal or equivalent standard and of approved section including using approved brass section oxidized fittings, iron lugs, cutting holes and making good damages to walls etc. complete as required in any floor.				
			346.00	SFT	491.94	170211.24
24	119/3 2	Providing and fixing iron grills with required section of flat iron as per approved design including welding all sides of the section at the junction, and fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required in any floor in masonry or concrete work.				
			175.44	Kg	150.27	26363.3



	119/3 7	Providing M. S. tees, angles and flats including fixing in position etc. complete in ground floor.				
14		Ground Floor	655.84	%CFT	104.85	68764.30
	116/2	Providing and fixing 20 B.W.G. corrugated galvanized iron sheets with galvanized iron hooks, bolts, nuts, limpets and bitumen washers etc. without valleys and ridges (excluding the cost of frame work) in ground floor.				
15			4724.00	%CFT	10801.85	510279.39
16	104/1	Filling excavated earth available at site in foundation, plinth or under floor, etc. including breaking clods, dressing, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction complete within a lead of one chain (30.5 R.m) and lift of 5 feet (1.52m).				
			4258.49	%CFT	242.29	10317.88
17	104/8	Supplying earth from approved outside sources within a radius of 5 miles (8 km) including digging, loading and unloading and filling in foundation trenches, plinth or under floor, etc. including breaking clods, dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction complete within a lead of one chain (30.5 R.m) and lift of 5 feet (1.52 m).				
			4170.58	%CFT	2467.5	102909.0
18	117/2	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 2 inches (51 mm) and down gauge with levelling and ramming, watering and curing etc. complete.				
			958.41	%CFT	10315.56	98864.97
		1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.				
19	122/4	Ground Floor	5833.75	%SFT	1913	111599.6375
		3/4" (19 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.				
20	122/8	Ground Floor	3132.75	%SFT	2367.12	74155.9518

		Providing and laying first class solid burnt brick masonry set in cement mortar 1:4 in straight or curved walls 4-1/2 inches (114 mm) and less in thickness including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure.				
9	112/2 6+79	Ground Floor	21.00	%CFT	23620.01	4960.20
		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 columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in the ground floor				
10	114/2 4+136	Ground Floor	255.09	%CFT	22448.64	57265.08
		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 cantilevered slab 3 inches (76 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				
11	114/5 8+136	Ground Floor	41.00	%CFT	24299.98	9962.99
		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 straight beams, lintels cantilever beams of required shape or section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and ground floor.				
12	114/3 8+136	Ground Floor	623.95	%CFT	20668.6	128962.38
		Providing rolled steel Joists and channels including hoisting and fixing in position in cement concrete in ground floor but excluding cost of cement concrete.				
13	119/3 7		3687.21	KG	103.13	380261.97

4	114/1 +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 raft or strip foundation with columns and pillars, of any shape including form work and its removal, compacting, leveling and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth	1843.50	%CFT	15811.03	291476.34
5	112/1	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) .	1260.38	%CFT	19,973.61	251742.39
6	112/2	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 (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) .	1594.69	%CFT	20,823.80	332074.54
7	114/8 +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 plinth beams of required shape and design including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth	349.73	%CFT	18172.93	63556.98
8	112/1 20-127	Providing and laying first class solid burnt brick masonry set in cement mortar 1:4 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 ground floor superstructure .	3713.06	%CFT	22529.54	836535.90
Ground Floor			3713.06	%CFT	22529.54	836535.90



# PAKISTAN PUBLIC WORKS DEPARTMENT

CONSTRUCTION /PROVISION OF BUILDING FOR GIRLS PRIMARY SCHOOOL IN KILLI  
SARDAR TARAN, TEHSIL MAKHTER DISTRICT LORALAI.

## ABSTRACT OF COST BASED ON 2012 SCHEDULE

S.No	SH/Item No	Description	Qty	Unit	Rate	Amount
1	103/1	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, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	6452.25	%CFT	535.09	34525.34
2	105/1 4+27	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using crushed graded boulder 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc.complete.	460.88	%CFT	11388.12	52485.00
		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 .				
3	114/1 66	Ground Floor	5018.30	KG	123.02	617351.8549