

# OFFICE OF THE EXECUTIVE ENGINEER EDUCATION WORKS DIVISON THATTA

Phone: 0298-920013, Fax: 0298-920012 Email: <u>xeneducationworksthatta@gmail.com</u> No. XEN / EWD/THT/3865 dated: 2c/cs/2018

To,

The Director of Information, (Advertisement). Government of Sindh. Karachi.

SUBJECT: PUBLICATION OF NOTICE INVITING TENDER,

Enclosed please find herewith (7-Copies) of Notice Inviting Tenders for Publication in one insertion of three well-reputed National Dailies in Sindhi, Urdu & English as Per Sindh Public Procurement regulatory Authority, Rules -2010 (amended up to date).

It is informed that the advertisement charges for this advertisement will be met from the development budget of current financial year as such bill may please be sent immediately after publication of tenders so as to clear the charges without accumulation as arrears.

D.A/As Above

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
THATTA

Copy Forwarded with compliments for information to:

- 1. The Additional Secretary (PDF) School Education Department, Government of Sindh Karachi.
- 2. The Director A&F, Sindh Public Procurement Regulatory Authority, Government of Sindh, Karachi for incorporating on the web portal of SPPRA, Government of Sindh (Along with C.D, Notification of Procurement Committee, Notification of Complaint Redressal Committee (CRC), Annual Procurement Plan 2016-17 & Bidding Documents.
- 3. The Chief Engineer, Education Works Hyderabad.
- 4. The Superintending Engineer, Education Works Circle, Hyderabad
- 5. The Chairman / Members of Complaint Redressal Committee (CRC)......
- 6. The Chairman / Members of Procurement Committee (PC)......
- 7. The Assistant Engineer Education Works Sub-Division (all).....for wide publicity.

8. Notice Board / NIT File.

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
THATTA

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### OFFICE OF THE EXECUTIVE ENGINEER EDUCATION WORKS DIVISION THATTA JUNGSHAHI ROAD MAKLI THATTA

XEN/EWDT/NIT/ 38の3

of 2017-18

Dated: 30/3 /2018

#### NOTICE INVITING TENDERS

- 1. Sealed Bid for the works montioned below are invited from the intersed Bidder / firm on standard Bidding Documents of Sindh Public Procurement Regulatory Authority Rule 2010 (amended 2017).
- 2. The Bidding Document will be issued to all the interested Bidders on Written request addressed to undersigned in frim's original leter head and payment of Bidding Documents Fee (non-relundable) in cash as shown against each Package on the address below.

Programme for issuance / submission and opening out Bids.

\$.NO	Particulars	1st Attempt	2nd Attempt (in case of un- responded works)
A	Dated of issuance of	From the date of publication in press & hoisted on website of SPPRA at or before on 23-04-2018 @12:00(Noon) Office of the Executive Engineer Education Works Division District Thatta	03-05-2018 @ 12.00(Noon) in the Office of undersigned
В	Dead line for Submission of Bids	on 24-04-2018 upto 02:00pm in the office of the undersigned Office of the Executive Engineer Education Works Division District Thatta	04-05-2018 @ 2.00 PM in the Office of undersigned
С	Venue Time and Date of Bids opening	on <b>24-04-2018</b> upto <b>03:00pm</b> in the office of the undersigned Office of the Executive Engineer Education Works Division District Thatta	04-05-2018 @ 3.00 PM in the Office of undersigned

- 3- Bidding is open to all interested Bidders,
- 4- Method of Procurement i.e Single Stage -single Envelope.
- 5- Bid Validity Period is (90) Ninety Days.

#### **EDUCATION WORKS DIVISION THATTA**

S.#	Name of Work	Taluka	Catgory Registration In the PEC	Bid Secuiry	Tender Fee	Completion Period
ADP # 245, OF 2017-18 UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA (05, UNITS).			5% OF Bid price in shape of pay order favour of Executive Engineer Education Works Division District			
1	GBPS SONHARI	THATTA	C-6	Do	3000/-	10 Months
2	GBPS WALI MUHAMMAD SHORO	THATTA	C-6	Do	3000/-	10 Months
3	GGPS KETIBUNDER	KETIBUNDER	C-6	Do	3000/-	10 Months
4	GGPS PIR PATHO	GHORA BARI	C-6	Do	3000/-	10 Months
5	GBPS ANWER JAMARI	MIRPUR SAKRO	C-6	Do	3000/-	10 Months

6	(ADP No: 200 (4) Units) Shelterless Primary School @ District Thatta 2016- 2017 Programme @ GBPS KHARO CHAN CITY Taluka Ketibunder	Ketibunder	C-6	Do	2000	04 Months
7	(ADP No: 486) OF 2016-17 Programme) Establishment Of Governemnt Boys / Girls Degree Colleges In Sindh @ Government Boys Degree College Gharo, Taluka M.Sakro District Thatta, (Remmaning Work)	MIRPUR SAKRO	C-5	Do	3000/-	10 Months

#### <u>BIDDERS QUALIFICATION / ELIGIBLITY CRITERIA</u>

- Registration with Pakistan Engineering Council in the relevant category of above discipline capping view the bids costs. No. PEC License required for the work costing up to Rs:4.00 (Million).
- For Electrical Works Valid license issued from Inspectorate of Electrical Licence, Government Of Sindh of the Similar Region with respect to works shown above.
- Relevant Experience of last three years (list of works with copies of letter of award of works and completion certificates (c) of equivalent cost or above.
- (d) Turn-over of last three years as per SPPRA Rules 2010 with current turn over as 30% of the bid cost.
- (e) Valid Registration with Federal Board of Revenue (FBR) for income tax (N.T.N)
- (f) Valid Registration with the Sindh Revenue Board (S.R.B).
- The Bid security 5% (five percent) in the shape of call deposit / pay order issued from any schedule bank of Pakistan in favor undersigned shall be submitted at the time of submission of bidding documents.
- (h) Full Name Complete Address, Telephone Number, Fax Number, E-Mail & Organization of structure .
- Copy of C.N.I.C of proprietor / Partners (if any) (i)
- Complete Bio-Data of Technical Staff (One B.E & One Diploma Engineer).
- Undertaking on stamp paper that firm is involved in any litigation, Departmental rift, abandoned or un-necessary delay in completion of any work in the Government Department
- Under Taking on Stamp paper regarding Non-Black Listing of firm previously by Government's. Semi Government's Autonomous Bodies as Executing Agency.
- Affidavit regarding list of partners / partnership Deed with Director / Proprietor etc with complete information along with (m) power of attorney / sole proprietor.
- (n) Undertaking on stamp paper that information submitted by Bidder / Firms is correct.
- (o) Incomplete / Conditional bids will not be entertained and will be rejected out rightly.
- Procuring agency reserve right to annul the bidding process and reject all bids are proposals as per SPPRA Rules 2010 (amended to-date).

EXECUTIVE ENGINEER EDUCATION WORKS DIVISION

**THATTA** 

## A.D.P NO: 200, CONSTRUCTION OF BUILDING FOR SHELTERLESS PRIMARY SCHOOL AT DISTRICT THATTA 2016-2017 PROGRAMME AT GBPS KHARO CHAN CITY. TALUKA KETI BUNDER DISTRICT THATTA.

#### Schedule B

SR#	ITEM OF WORK		QTY:		RATE	UNIT	AMOUN!
	SCHEDULE ITEM	<u></u>	-	<u> </u>	<u></u>		
1	Excavation in foundation of Building, Bridges and other structures including degebelling dressing refiling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p).						
	TOTAL	= _	5,327	Cft	3176.25	%0, Cft	16,919
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8 (S.I.No.4b,/P-15)	-		-			
	TOTAL	=	2,981	Cft	9416.28	3 %, Cft	280,712
3	R.C.C work including all labour and material except the cost of steel reinforcement a its labour for bending and binding which will be paid separately. This rate also inclured kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or preclaid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.L.No. 6(a)/ii/C-4)	des					
	TOTAL	= ~	2,176	Cft	337.00	P. Cft	733,237
4	Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of bind wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)	iing					
	TOTAL	= .	116.56	Cwt	5,001.70	P.Cwt	582,996
5	Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundati & Plinth (S.I.No.2 (iv), P-27).	on					
	TOTAL	= _	1,032	Cft	25321	1 %, Cft	261,347
6	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)	1					
	TOTAL	Ξ.	3,551.25	Cft	1512.5	5 %0, Cft	5,371
7	Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).						
	TOTAL	= .	4,617.58	Cft	3,630.00	%0, Cft	16,762
8	P/L 1:3:6 cement concrete solid block masonary wall 6" above in thiskness in 1:6 cement mortor in G.Floor Super structure in/c racking out joint and curing etc complete (S.1.NO.23/P-19)	set					
	TOTAL	=	1,435	_Cft	14621.44	1 %, Cft	209,760
9	Providing and fixing ornamental cement Jali 2" thick (1:2:4) without steel (S.I.No.11 P-18).						
	TOTAL	=	192.00	_Sft	226.02	2 P. Sft	43,396

SR#	ITEM OF WORK				QFY	,	RATE	UNIT	AMOUNT
10	First class deodar wood wrought joinery in doors and windows et position in/c chowkhast hold fasts hings, iron tower bolts chocks and cords with hooks etc (S.I.No.7 P-58).		lles						
	and solds marries no sis (similar).	TOTAL	=		235	Cft	1,273.76	P. Cft	299,334
11	Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P	-52).							
		TOTAL	= -		5,421	Sft	2,590.50	%, Sft	140,424
12	Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.13-C P	-52).							
		FOTAL	= -		5,421	Sft	2197.52	∑ %, Sft	119,121
13	Rough Cost Steco Plaster 1:4 up to 12 feet height, 1/2"thick.(S.) 52).	No 13-C P-							
	,	TOTAL	Ξ		503	Sft	2.306.10	%, Sft	11,602
14	Cement concrete plain including placing, compacting, finishing a complete (including screening and washing of stone aggregate w shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)								
		TOTAL.	=		244	Sft	12595	5 %, Cft	30,691
15	White glazed tiles 1/4" thick dado jointed in white cement and taic cement sand mortor 3/4" thick in/c finishing (S.I.NO.37/P-45)	d over 1:2							
	,	TOTAL	Ξ.	<del>-</del> -	105	Sft	28,253.61	%, Sft	29,666
16	Laying floors of approved coloured glazed tiles 1/4" thick laid in v pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO $25/P-4$ )		nt &						
		TOTAL	=		50	Sft	27,747.06	%, Sft	13,874
17	Providing & laying tiles glazed 6" x 6" x 1/4" on floor or wall facin colour and pattern of STILE specification jointed in white cemen over a base of 1:2 grey cement and pigment over a base of 1:2 gmortor 3/4" thick in/c washing and filling of joints with salurry of v and pigment in desired shape with finishing cleaning and cost of complete in/c cutting tiles to proper profile. (S.I.No.60 P-47)	t and pigmo grey cemen white cemen	ent t nt	-					
	,	TOTAL	=		1,404	Sft	30,509.77	%, Sft	428,467
18	P/L C C topping cement concrete 1:2:4 in/c surface finishing an pannels pannels (S.I.No.16d P-42). 2" Thick	d dividing ir	nto						
	2 Thor	TOTAL	=	——— ————	1,260	Sft	3,275.50	%, Sft	41,271
	3" Thick	TOTAL	=		1,826	_ Sft	4,411.82	%, Sft	80,543
19	Making Notice Board made with cement (S.I.NO.1 P-95)	TOTAL	=		80	- Rft	58.1	1 P.Rft	4,649
20	Primary coat of chalk under distemper. (S.I.No.23,P.54).	TOTAL	=	—· —	6,986	_Sft	442.7	5 %, Sit	30,929

		1	,					
SR#	ITEM OF WORK			QIY:		RATE	UNIT	AMOUNT
21	Distempering 03-Coats (S.I No 24 (b), P-54)							
	Secondoning of Code (C.1110 2 · (b), 1 · O ·)	TOTAL	=	6,986	Sft	1079.65	%, Sft	75,422
							•	
22	Painting new surface © Preparing surface and painting of deany type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)	oors and windov	V\$					
		TOTAL	=	470	Sft	2116.41	%, Sft	9,947
	Two coats of bitumen laid hot using 34 lbs for % Sft over ro	of and blinded w	ath					
23	Two coats of bitumen laid hot using 34 lbs for % Sft over rosand @ 1 Cft per % Sft. (S.I.No. 13/P-7)							
		TOTAL	=	1,260	Sft	1887.4	- %. Slt	23,781
					7-			.,
						Total	Rs:	3,490,221
	DADT D WATER CHOOL V & CANITADY CITINGS							
	PART- B WATER SUPPLY & SANITARY FITTINGS							
					-			
	Providing & Fixing squating type white galzed earthenware W.C Pan flush inletr & complete wiht i/c the cost of flushing cistern with internal	fitting and		0.00		5 700 00	- I	44.450
1	flush pipe with bend and making requisite number of holes in walls plifor pipe connection & making good in cement concrete 1:2:4 (Foreign 6 with 4" Dia C.I Trap (S.I.No.2(i), P-1)			2.00	NOS	5,728.80	Eacn	11.458
2	Providing & Fixing handle valvesChina (S.I.No.5 P-17).							
	1/2" Dia			2.00			2 Each	401
	3/4" Dia			2.00	Nos	27 1.82	2 Each	544
	Construction of main hole or inspection chamber for there or required c sewer and 3'x6' depth walls B.8 in cement plaster 1:3 1/2" thick in site	of walls			-			
3	and 1" (25mm) thick over benching and channel and 1/c fixing C.I main cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88, embeded in plinth C.C 1:2:4 and fixing 1 (25mm) dia M.S step 6" (150 limits).	.9 KG)		2.00	Nos	14,748.00	Each	29,496
	projecting 4 (102mm) from the face of wall at 12" (305mm) C.C dully properties as per specification and drawing No D.P -1 of Public Health C Southern Zone.	ainted etc						
	Providing RCC pipe with collars class "B" & digging the trenches to	to remuired						
4	depth & fixing in position in/c cutting fitting & jointing with maxphalt cor- cement mortor 1;1 & testing with water pressure to a head of 4 feet the	nposition &		20.00	Nos	199.25	Each	3,985
							· <u></u>	
							_	



Total Rs:

45,883

ADP #. 245, (05, UNITS) OF 2017-2018. UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA @ GBPS SONHARI, TALUKA & DISTRICT THATTA.

SR#	ITEM OF WORK	Ola	RATE UNIT	TNUOMA
	Schedule Item			
1	Excavation in foundation of Building, Bridges and other structures including degebelling dressing refilling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p).			
	TOTAL	= 4,142.44 Cft	3176.25 %0, Cft	13,157
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)			
	TOTAL	= 1,731.64 Cft	8694.95 %, Cft	150,565
3	Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundatio & Plinth (S.I.No.2 (iv), P-27).	on		
	TOTAL	= 3,212.91 Cft	25321 %, Cft	813,540
4	Damp Proof Course wth Cement sand and shingle concrete (1:2:4) in/c 2 coa of asphaltic mixture 2" thick. (S.I.No.28 P-19).	at .		
	3" thickness.  TOTAL	= <u>756.38</u> Sft	4982.18 %, Sft	37.684
5	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)	1		
	TOTAL	= 2,761.63 Cft	1512.5 %0, Cft	4,177
6	Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).			
	TOTAL	= 4,999.13 Cft	3,630.00 %0, Cft	18,147
7	Coursed Rubble Masonary hammer dressed in Ground Floor super structure with cement sand mortor Ratio 1:6 (S.I.No.4-diii P-28).	,		
	TOTAL	= 5,920.16 Cft	26288.46 %, Cft	1,556.318
8	P/L 1:3:6 cement concrete solid block masonary wall 6" above in thiskness s in 1:6 cement mortor in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)	set		
	TOTAL	= 78.50 Cft	14621.44 %. Cft	11,478

SF	₹#	ITEM OF WORK	Cir.	RATE UNIT	AMOUNT
* •	9	R.C.C work including all labour and material except the cost or steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, raits, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)			
		TOTAL =	1,877.00 Cft	337.00 P. Cft	632,549
	10	Fabrication of Tor steel reinforcement for cernent concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)			
		TOTAL =	92.17 Cwt	5,001.70 P.Cwt	461,027
	11	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also I/c all carriage tools and plants used making and fixing.(S.I.No: 29/P-93)			
		FOTAL =	171.50 Rit	228 90 P.Rit	39.256
	12	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & vent. using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also I/c all carriage tools and plants used making and fixing (S.I.No: 28/P-93)			
		= JATOT	429.00 Rft	240.50 P.Rit	103.175
	13	S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of approved design in/c painting 3 coats etc complete (wt. not less then 3.7lbs of finsihing grill) (S.I.NO.26 /P-93)			
		TOTAL =	251,06 Sft	180 50 P.Sft	45,317
	14	First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhast hold fasts hings, iron tower boits chocks creats handles and cords with hooks etc (S.i.No.7 P-58) Only shutters.			
		·	467 53 SM	902 YC Prox	440.203
	15	Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P-52).			
	IJ		8,025.00 Stt	2.590.50 %, Sft	207,888
	16	Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.13-C P-52).	8,025.00 Sft	2197.52 %. Sit	175.351
			<u> </u>		
	17	Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).	542 50 3ft	2.283 83 %. Sft	12,390
		TOTAL =	04Z 0U _011	z., zog bg 198, <b>5</b> 11	12,350
	18	Cement Pointing fludh on stone work in cement mortor 1:3 (S.I.No. 20-cii P-53)			
		TOTAL =	3.148.38 Sft	1758 (3 %, Sft	55.351

SR#	ITEM OF WORK	QTY:	RATE UNIT	AMC Jivi
- 19	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)			
	TOTAL =	228.78 Sft	12595 %, Cft	28,815
20	Laying floors of approved coloured glazed tiles 1/4" thicj laid in white cement & pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO.25/P-43)			
	TOTAL =	134.00 Sft	27,747.06 %, Sft	37,181
21	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4" thick in/c finishing (S.I.NO.37/P-45)			
	TOTAL =	427.50 Sft	28.253.61 %, Sft	120.784
22	P/F 3/8" thick marble tiles of approved quality and colour and shade 8" x 4" or 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortor 1:3 setting and washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete for new work (S.I.No.68/P-55)			
	TOTAL =	295.25 Sft	186.04 P Sft	54,928
23	P/L C C topping cement concrete 1:2:4 in/c surface finishing and dividing into pannels pannels (S.I.No.16d P-42).			
	3" Thick TOTAL =	1,280.00 Stt	4,411.82 %, Sft	56,471
	2" Thick TOTAL =	3,665.50 Stt	3,275.50 %. Sft	120,063
24	Making Notice Board made with cement (S.I.NO.1 P-95)			
	TOTAL =	200.00 Rft	58.11 P.Rft	11.622
25	White washing 03-Coats (S.I No 26 (b), P-9)  TOTAL =	2,608.25 Sit	შ2მ ფე <sup>დ</sup> მ. <b>S</b> it	21,647
26	Frimary coat of chalk under distemper. (S.I.No.23,P.54).  TOTAL =	8,597,50 Sft	442.75 %. Sft	37,933
27	Distempering 03-Coats (S.I No 24 (b), P-54)	8.567.50 Sit	1079.65 %, Sft	92.4 <b>9</b> 9
	.5,7,=	3,7,7,1,00		
28	Painting new surface © Preparing surface and painting of doors and windows any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)			
	TOTAL =	975.05 Sft	2116 41 %, Sft	20.636

SR#	ITEM OF WORK	2000 - 10	RAME GMA	AMOUNT :
29	Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)			
	TOTAL =	1,280.00 Sft	1887.4 %, Sft	24,159
			Total Rs:	5,405,311
	Non Schedule Item			
1	Provinding & Laying floor for VERONA Marble Tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4 thick bed of 1:2 grey cement mortor setting the tiles with grey cement sulurry, jointing & washing the tiles with sulurry of white cement & pigment to match the colour of tiles. I/c curring granding, rubbing & chemical polishing etc complete etc i/c cutting tiles to proper files. (R.A)			
	FOTAL =	1 211.75 51	350.45 P Sft	3/6.164
			Total Rs:	376,164
	Compund wall			
	Schedule Items			
1	Excavation in foundation of Building, Bridges and other structures including degebelling dressing refiling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (in ordinary soil). (S.I # 18-b p).			
	TOTAL =	1,545 Cft	3176.25 %0, Cft	4.907
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)			
	YOTAL =	377 Cft	8694.95 %, Cft	32.750
3	Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).			
	TOTAL =	<b>1,5</b> 00 Cft	25321 %. Cit	379,815
2	Damp Proof Course wth Cement sand and shingle concrete (1:2:4) in/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).			
	TOTAL =	625 Sfi	3912.85 % Sft	24,455
į	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)			
	TOTAL =	1,036 Cit	1542.5 %0. Off	1.558

	ITEM OF WORK		Q ( Y	RATE UNIT	LNUCMA
6	P/L 1:3:6 cement concrete solid block masonary wall 6" about 1:6 cement mortor in G.Floor Super structure in/c racking curing etc complete (S.I.NO.23/P-19)		sel		
		TOTAL	= 1,080 Cf	14621.44 % Cft	157.912
	R.C.C work including all labour and material except the cos reinforcement and its labour for bending and binding which separately. This rate also includes all kinds of forms, mould curing, rendering and finishing the exposed surface (includi washing of shingle (a) R.C.C work in roof slab, beams, cold and other structural members laid in situ or precast laid in pall respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)	will be paid s. lifting, shutte ng screening ar imns. rafts, linte	nd els		
		TOTAL	=57 CI	t 337.00 P Oit	19 04
8	Fabrication of Tor steel reinforcement for cement concrete bending, laying in position, making joints and fastening includes removal of rust from bars. (S.I.No. 7(b)/	uding cost of bir			
		TOTAL	= 2.02 Cv	vt 5,001.70 P.Cwt	10,09
9	Making & Fixing steel grated doors with 1/16" thick sheetin- frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre v arrangement (S.I.No.24 P-92)	vith locking			40.00
		TOTAL	=60_Sf	t 726.72 P.Sit	43,60
10	Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.) No.1	3-C P-52).			
		TOTAL	= 2,200 Si	; 2.283.93 %, Sft	50.24
11	Cement Pointing flush on stone work in cement mortor1:3	S.I.No.20-cii P-	· ·53)		
	Something had strong transfer and the	TOTAL	= 750 Si	t 1758,66 %, Sit	13.18
					10.10
12	P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or was floor and pattern of stile specification jointed in white ceme a base of 1:2 grey cement mortor 3/4" thick in/c washing a slurry of white cement and pigment in desired shape with f cost of wax polish etc complete in/c cutting tiles to proper page 48)	nt and pigment nd filling of joint nishing cleaning	over s with g and		10.10
12	floor and pattern of stile specification jointed in white ceme a base of 1:2 grey cement mortor 3/4" thick in/c washing a slurry of white cement and pigment in desired shape with f	nt and pigment nd filling of joint nishing cleaning	over s with g and 1 P-	ft 47661 50 kc. Sit	
12	floor and pattern of stile specification jointed in white ceme a base of 1:2 grey cement mortor 3/4" thick in/c washing a slurry of white cement and pigment in desired shape with f cost of wax polish etc complete in/c cutting tiles to proper p	nt and pigment nd filling of joint nishing cleaning profile (S.I.No.6	over s with g and 1 P-	ft 47881 50 Pc. Sit	
12	floor and pattern of stile specification jointed in white ceme a base of 1:2 grey cement mortor 3/4" thick in/c washing a slurry of white cement and pigment in desired shape with f cost of wax polish etc complete in/c cutting tiles to proper (48)	nt and pigment nd filling of joint nishing cleaning profile (S.I.No.6	over s with g and 1 P- 42 S	ft 47651 50 °C. Sft ft 442.75 %. Sft	20,01 9,74
	floor and pattern of stile specification jointed in white ceme a base of 1:2 grey cement mortor 3/4" thick in/c washing a slurry of white cement and pigment in desired shape with f cost of wax polish etc complete in/c cutting tiles to proper (48)	nt and pigment nd filling of joints nishing cleaning profile (S.I.No.6 TOTAL	over s with g and 1 P- 42 S		20,01

SR#		ITEM OF WORK			( )	TY:	RATE	JNG	ACCUM
- 15	Painting new surface © prepari bars grating railing (in/c standa (S.I.No.5d P-76)			es of iron					
•	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		TOT	<b>∖</b> L =		120 Sit	1270.83	%, Sfi	1.525
							Total R	s:	792,597
	WATER SUPPLY & SANI	TARY FITTINGS	S						
	Schedule Items								
1	Providing & Fixing squating type front flush inletr & complete will internal fitting and flush pipe with holes in walls plinth & floor for pip concrete 1:2:4 (Foreign Equivalant	ht i/c the cost of the bend and making pe connection & ma	flushing cistern with requisite number of king good in cement			4 Nos	5,728 80	Each	22,915
2	P/Fxingin 4" dia C.1 Off-set of vari colour of the Buildings (S.I.No.8, F		painting to match the			24 Nos	702.00	Each	16,848
3	Providing & Fixing M.S Clamps of socket i/c the cost of cutting & m into wall i/c pipe distance pieces buildings. (S.I.No.2, P-9).	aking good to wall o	on M.S Bolts, nuts 4"			12 Nos	72.16	Each	866
4	P/F 24"x18" Lav: Basin in white the cost of W.I or C.I cantilever white in 2-coats after a primary or pillar taps, 1-1/2" rubber plug & c 1/4" dia Malloable iron C.P Brass holes in walls, plinth and floor for cement concrete 1:2:4 (Standard	brackets 6 inches pat of led paint, of 1/hrome bars waste of unions and making or pipe connection	built into wall pliath 2' dia chrome plated f approved patter 1- g requisite number of and making good in		•	2 Nos	4,694,80	Éach	9.390
5	Supplying & Fixing C.P brass bib	cock 1/2" dia stande	ered pattern.			4 Nos	145.42	Each	582
6	Providing & Fixing handle valves(	China (S.I.No.5 P-17	·).						
	1/2" Dia	4 Nos: 4 No:s	@ Rs 200.42 @ Rs 271.92			4 Nos			802 1,088
7	3/4" Dia  Construction of main hole or inspriction of main hole or inspriction of walls and 1" (25mm) thick.  C.I main hole cover with frame of 1.75 Cwt (88.9 KG) embeded in p. M.S. step 6" (150 MM) wide project 12" (305mm) C.C dully painted et drawing No D.P1 of Public Heal	ection chamber for tills B.B in cement pla over benching and o clear opening 1-1/2 plinth C.C 1:2:4 and to cting 4 (102mm) from c complete as per s	here or required dia aster 1:3 1/2" thick in thannel and 1/c fixing (457x 457mm) of fixing 1 (25mm) dia in the face of wall at pecification and			4 Nus			58.992
8	Supplying & Fixing Fiber Glass thickness as specified i/c the co Cement Concrete 1:3:6 & makin flow pipe etc complete. (S.I.No.3)	st of nuts, bolts & f g connections for in	ixing in plate form of						
	500 Gallons					1 Nos	37505.42	Each	37.505

			. <del> </del>				
SR#	 	ITEM OF WORK	<del></del>		 iller Geografia	RATE UNU ;	AMDUNI 
9	Providing G.I Pipes specials & clar complete with & i/c the cost of breaki etc painting 2-coats after cleaning t pigment to match the colour of the bui	ing through vithe pipe with	wall & roof ma h white zink	king yood			
	1/2" Dia 80	RFT	@ Rs	73.21	 60 Nos	73.21 Each	5,857
	3/4" Dia 150	RFT	@ Rs	95.79	 150 Nus	95 79 Each	14,369
10	Providing RCC pipe with collars clarequired depth & fixing in position maxphalt composition & cement mort to a head of 4 feet the top of the	in/c cutting	fitting & join	hting with	 cO Nos	s 199,28 Epen	6.563
						Total Rs:	179,175
	Non Schedule						
1	Supplying & Fixing water pumping set 1 with 1"x1-1/4 saction & delevery 50ft he approved size & fixing with nuts & bolts to	ead i/c makin	g C C 1:3:6 pla		1 <i>F.</i> o	s 14.417 RN Each	14.418
2	Providing & fixing Electirc Water Cooler or approval quality i/c filter etc completed		60 gallens (Nai	tional Make	1 No	s 70.000.00 Each	70.000
						Total Rs:	84,418

Executive Engineer
Education Works - Division
Thatta.

ADP #. 245, (05, UNITS) OF 2017-2018. UP-GRADATICN OF PRIMAR - SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA @ GBPS TVALHMUHAMMAD SHORO. TAGUNA & DISTRICT THATTA.

SR#	(TEM OF WORK		CIY	RATE	gras	Addont :
	Schedule Item					
1	Excavation in foundation of Building, Bridges and other structures includegebelling dressing refiling around structure with refilling around struct with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordisoil). (S.I # 18-b p).	ure nary				
	ATOT	<u></u> =	4 342 44 - 039	317c 25	%0. Off	13 157
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)					
	JATCI		1.731.64 ch	8094.90		91.8Cb
3	Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Four & Plinth (S.I.No.2 (iv), P-27).	ndation				
	IATOT	_ =	3.212 91 Cit	26321	%. Cit	813,540
4	Damp Proof Course wth Cement sand and shingle concrete (1:2:4) in/c of asphaltic mixture 2" thick. (S.I.No.28 P-19).	2 coat				
	<u>3" thickness.</u>	. ±	756.38 - 11	30 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	· 9 <u>:</u>	, 1384
5	Filling watering and ramming earth in floor with surplus earth from found lead upto one chain and left upto 5 feet (S.I.No.21 P-5)					
	IJŀ	٠L .	2.76193 Om	To iz . U	*₀U, ⊅¶	4.377
6	Filling watering and ramming earth in floor with new earth excavated froutside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).	nı				
	TOT A	L .	4,999.13 Cft	3 650 00	red Cft	15 14 (
7	Coursed Rubble Masonary hammer dressed in Ground Floor super struwith cement sand mortor Ratio 1:6 (S.I.No.4-diii P-28).	icture				
	TOTA	AL =	5,920 18 Cft	<b>2628</b> 0 46	%. Cft	1 556,318
8	P/L 1:3:6 cement concrete solid block masonary wall 6" above in thisknin 1:6 cement mortor in G.Floor Super structure in/c racking out joint a curing etc complete (S.I.NO.23/P-19)	ınd				
	тоти	\ <u>!</u>	19.42 (19. 19.42 (19.	• • • •	5, Or	.a 475

SR#	ITEM OF WORK	- :					ediace
9	R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, linters and other structural members laid in situ or precast laid in position. Complete all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)						
	TOTAL	¥	1.877.00	Cft	337.00	P Oh	532 549
10	Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastering including cost of binding wire (also includes removal of rust from bars. (S.I.No. $7(b)/C-4$ )	ng					
	POTAL	=	97.17	Cert	5,00 <b>1</b> .70	P Cwt	-51.327
11	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gaug G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also I/c all carriage tools and plants used making and fixing.(S.I.No: 29/P-93)						
	TATAL	Ξ	171.50	Rit	228.90	P.Rft	39,256
12	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & vent. using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also I/c all carriage tools and plants used making and fixing.(S.I.No: 28/P-93)						
	F.)TAL	ā	47 a 60	Rfi	PARTS	ह सिंग	1.0.175
13	S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of approved design in/c painting 3 coats etc complete (wt. not less then 3.7lbs of finsibiling grill) (S.t.NO.26 /P-93)	_					
	POTAL	=	251.00	Sit	<b>18</b> 0 50	P.Sft	46.31
14	First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhast hold fasts hings, iron tower bolts chocks cleats handle and cords with hooks etc (S.I.No.7 P-58) Only shutters.						
	TOTAL	= -	467.53	Sft-	962 83	D Sit	440-203
15	Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P-52).						
,,	•	<u>.</u>	8,025 00	Sft	2,590.50	∜6. Sit	207.888
16	Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.13-C P-52).	-					
10		.:	<b>8</b> .525.00	Sit	2197.51	- 3h	1 5 381
			·				
17	Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).			/22-	0.005.63	r. 181.	40.000
	TOTAL	÷ .	542.50	Sit -	2 283.93	70, <b>5</b> 11	12.390
18	Cement Pointing fludh on stone work in cement mortor1:3 (S.I.No.20-cii P-53)	)					
	TOTAL	=	3,148.38	Sft	1758.08	%, Sft	50,351

SR#	ITEM OF WORK	UTY.	RATE UNIT	AMOUNT
19	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)			
	TOTAL =	228.78 Sft	12695 W. Cri	28.815
20	Laying floors of approved coloured glazed tiles 1/4" thicj laid in white cement & pigment on a bed of 3/4" thick cement mortar 1:2. (S.E.NO.25/P-43)			
	= JATOT	134.00 Sit	27,747 06 %. Sft	37,181
21	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4" thick in/c finishing (S.I.NO.37/P-45)			
	TOTAL =	497.50 Slt	<b>28.25</b> 3.01 %. Sit	120,784
22	P/F 3/8" thick marble tiles of approved quality and colour and shade 8" x 4" or 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortor 1:3 setting and washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete for new work (S.I.No.68/P-55)			
	TOTAL =	295.25 Sft	186.04 P. Sft	54 928
23	P/L C C topping cement concrete 1:2:4 in/c surface finishing and dividing into pannels pannels (S.I.No.16d P-42).			
	3" Thick  CCTAL =	1_280.00 Sh	४,411 हर <i>%</i> , इस	56.471
	2" Thick TOTAL =	3.665.50 Sit	3,275,50 %, Sit	126,063
24	Making Notice Board made with cement (S.I.NO.1 P-95)  TOTAL =	200,00 Rft	56 11 P Rit	14 8 <b>2</b> ;
25	White washing 03-Coats (S.I No 26 (b), P-9)  TOTAL =	2,603.25 Sft	829.95 %. Sft	21.647
26	Primary coat of chalk under distemper. (S.I.No.23,P.54).	8,507,50 SM	442.75 %. Sft	37.933
27	Distempering 03-Coats (S.I No 24 (b), P-54)	8,50 (.bu - Sit	1579 eth is, Sk	92 489
28	Painting new surface © Preparing surface and painting of doors and windows any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)			
	TOTAL =	975.05 Sft	2116.41 %, Sft	20 535

SR#	ITEM OF WORK		217	RATE UNIT	AMOUNT
29	Two coats of bitumen laid hot using 34 lbs for % Sft over roof a sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)	and blinded with			
		DOTAL .	1 280 00 St	185 (4 % Str	2m 198
				Total Rs	5.405,311
	Non Schedule Item			:	<b>2.2.2</b> ,
1	Provinding & Laying floor for VERONA Marble Tiles of size 12' dressed on the surface without winding set in white cement laid bed of 1:2 grey cement mortor setting the tiles with grey cemer & washing the tiles with sulurry of white cement & pigment to rof tiles. I/c curring granding, rubbing & chemical polishing etc cutting tiles to proper files. (R.A)	d over 3/4 thick nt sulurry, jointin natch the colour	9 - <u>1,211.75</u> Sit	310.43 P Sft	376.164
				Total Rs	376.1 <b>6</b> 4
	Compund wall				
	Schedule Items				
1	Excavation in foundation of Building, Bridges and other structure degebelling dressing refiling around structure with refilling around with excavaed earth Watering and ramming lead upto 5' feet.(f. soil). (S.I.# 18-b p).	ind structure			
	, , , , , , , , , , , , , , , , , , , ,	TOTAL	= 1 545 Cit	31% 25 Ad. Gr.	4.2C
Ź	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ration (S.I.No.4b,/P-15)	o 1:5:10			
		ro <b>r</b> al -	377 05	8854.98 m. Off	32.75
3	Coursed Ruble Masonry Ratio (1:6) including Hammer Dressia & Plinth (S.I.No.2 (iv), P-27).	ng in Foundation	}		
				zouzi i. Dit	10 %
	Down Proof Course with Coment sand and shingle concrete (	1:2:4) in/c 2 coat			
4	Damp Proof Course wth Cement sand and shingle concrete (*of asphaltic mixture 2" thick. (S.I.No.28 P-19).				
4	of asphaltic mixture 2" thick. (S.I.No.28 P-19).			3912 85 %, Sft	24,45
	of asphaltic mixture 2" thick. (S.I.No.28 P-19).  Filling watering and ramming earth in floor with surplus earth f lead upto one chain and left upto 5 feet (S.I.No.21 P-5)	10TAL		3912 e5 %, Sft	24,45

SR#	ITEM OF WORK			RAIE CNII	
6	P/L 1:3:6 cement concrete solid block masonary wall 6" above in thiskness so in 1:6 cement mortor in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)				
	TOTAL	-	1,080 Ch	14621 44 %. Cit	157,912
7	R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shutterin curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)				
	TOTAL	=	57_Cft	337.00 P Cft	19,041
8	Fabrication of Tor steel reinforcement for cement concrete including cutting. bending, laying in position, making joints and fastening including cost of bindiwire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)	ng			
	TATE	=	2.02 Owt	5.001 / 0 P Owt	10.093
9	Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)				
	TOTAL	=	60 Sit	720.77 P Sft	45 688
10	Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).  TOTAL	=	2,200 Sft	2.283.93 °€ Sit	50 246
11	Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.20-cii P-53	)			
	YOTAL	Ξ	750 Sft	1758 08 %. Sit	13 186
12	P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in require floor and pattern of stile specification jointed in white cement and pigment ov a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints valurry of white cement and pigment in desired shape with finishing cleaning a cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 F 48)	er vith and			
	TOTAL	=	42 Sit	4.00 1931 311	20 014
13	Primary coat of chalk under distemper. (S.I.No.23,P.54).				
	TOTAL	=	2,200 Sft	442 75 %. Sit	9.741
14	Distempering 03-Coats (S.I No 24 (b), P-54)				
	TOTAL	=	2200 Sft	1079 05 %, Sft	73.752

SR#			TEM OF WORK	*	: 			8.4	61. 61.
15	Painting new surface © p bars grating railing (in/c s (S.I.No.5d P-76)					firer:			
	,				TOTAL		120 Sit	1279 63 %, Sft	1 525
								Total Rs:	792,597
	WATER SUPPLY &	SANITAF	RY FITTIN	IGS					
	Schedule Items								
1	Providing & Fixing squatin front flush inletr & complinatemal fitting and flush piholes in walls plinth & floo concrete 1:2:4 (Foreign Eq.	lete wiht i/ ipe with be r for pipe c	c the cost on the cost of the	of flushing ci ing requisite making good	istern with number of in coment		4 Nos	5,728.80 Each	22.91c
2	P/Fxingin 4" dia C.I Off-set colour of the Buildings (S.I.			ra painting to	match the		24 1. 3	2.7 (14.8)	0.045
3	Providing & Fixing M.S Classocket i/c the cost of cutting into wall i/c pipe distance buildings. (S.I.No.2, P-9).	ng & makin	g good to wa	all on M.S Bo	lts. nuts 4°		12 Nos	72 °C Each	806
4	P/F 24"x18" Lav: Basin in the cost of W.I or C.I car white in 2-coats after a prin pillar taps, 1-1/2" rubber p 1/4" dia Malloable iron C.F holes in walls, plinth and cement concrete 1:2:4 (Sta	ntilever bra mary coat c lug & chror Brass uni floor for p	ickets 6 inch of led paint, one bars wast ons and mall ipe connections	es built into f 1/2" dia chro e of approve king requisite on and makir	wall plinth orne plated d patter 1 number of		2 Nos	य १६५ ० - ही हहा।	y <b>.</b> C.J
5	Supplying & Fixing C.P bra	ass bib cocl	k 1/2" dia sta	ndered paller	n.		A Nos	145 42 Ench	Ea2
6	Providing & Fixing handle	valvesChin	a (S.I.No.5 P	-17).					
	1/2" Dia	4	Nos:	@ Rs	200.42		/ Nos	200 42 Endt	802
	3/4" Dia	4	No;s	@ Rs	271.92	=	4 1798	知识的是,他	.727.
7	Construction of main hole circular sewer and 3'x6' de site of walls and 1" (25mm C.I main hole cover with fr 1.75 Cwt (88.9 KG) embed M.S step 6" (150 MM) widd 12" (305mm) C.C dully paidrawing No D.P1 of Publ	epth walls B i) thick over ame of clead ded in plinth e projecting inted etc co	B in cement benching ar opening 1- c.C 1:2:4 a 4 (102mm) implete as po	plaster 1:3 1, and channel and 1/2 (457x 457 and fixing 1 (25 from the face er specification	/2" thick in d 1/c fixing (mm) of 5mm) dia of wall at		4 Nos	14,748.90 Each	58.997
8	Supplying & Fixing Fiber thickness as specified i/c Cement Concrete 1:3:6 & flow pipe etc complete. (S	the cost of making co	f nuts, bolts innections fo	& fixing in pl	ate form of				
	500 Gallons						1 Nos	37505.42 Each	37.50

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SR#	ІТЕМ	VI OF WORK		gradient (1986) Leister		en e	
9	Providing G.I Pipes specials & clamps complete with & i/c the cost of breaking etc painting 2-coats after cleaning the pigment to match the colour of the building	through wall & roof make pipe with white zink p	ing good				
	1/2" Dia 80 R	RFT @ Rs	73.21	80	Nos	73.21 Each	5,857
	3/4" Dia 150 R	RFT @ Rs	95.79	150	Nos	95 79 Each	14,369
10	Providing RCC pipe with collars class required depth & fixing in position in/maxphalt composition & cement mortor to a head of 4 feet the top of the	/c cutting fitting & join	ting with	50	Nos	199.25 Each	9,963
						Total Rs:	179,175
	Non Schedule						
1	Supplying & Fixing water pumping set 1/2 F with 1"x1-1/4 saction & delevery 50ft head approved size & fixing with nuts & bolts local	Li/c making C C 1:3:6 pla		1	ivos	14.417.79 Each	14.418
2	Providing & fixing Electirc Water Cooler Met or approval quality i/c filter etc completed. R./		onat Make	1	Nos	70.009.00 Each	7e.060
					!	Total Rs.	[ 51.418

Executive Engineer
Education Works, -Division
Thatta.

ADP #. 245, (05, UNITS) OF 2017-2018. UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA @ GGPS KETI BUNDER, TALUKA KETI BUNDER DISTRICT THATTA.

R#	ITEM OF WORK		QFY.	RATE STATE	AMOGIA
<u></u> ,	Schedule Item			<del></del>	
1	Excavation in foundation of Building, Bridges and other structure degebelling dressing refiling around structure with refilling around excavaed earth Watering and ramming lead upto 5' feet soil). (S.I # 18-b p)	ound structure			
		TOTAL	= 4,142,44 Cit	3176 25 %JU. Cit	13.157
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ra (S.I.No.4b,/P-15)	atio 1:5:10			
		TATOT	= 1,731,64 Cft	8694.96 %, Ctt	150 505
3	Coursed Ruble Masonry Ratio (1:6) including Hammer Dres & Plinth (S.I.No.2 (iv), P-27).	sing in Foundat	ion		
			= <u>3.278.91</u> at	7.5 TO 01	)13.0%
4	Damp Proof Course wth Cement sand and shingle concrete of asphaltic mixture 2" thick. (S.I.No.28 P-19).	(1:2:4) in/c 2 cc	pat		
	3" thickness.	YOTAL	=/26 % Sit	4952.16 %, St	37 584
5	Filling watering and ramming earth in floor with surplus earth lead upto one chain and left upto 5 feet (S.I.No.21 P-5)	h from foundatio	วก		
	Toda apto one onam and rott apto a toot (o.m.to.a.)	TOTAL	= 2,781,63 Cit	1512.5 % Cit	4,177
6	Filling watering and ramming earth in floor with new earth e outside lead upto one chain and left upto 5 feet (S.I.No.22 F	xcavated from P-5).			
	, , , , , , , , , , , , , , , , , , , ,	TOTAL	= 4,999.13 CH	3,630.60 %0. Cit	16.14)
7	Coursed Rubble Masonary hammer dressed in Ground Floo with cement sand mortor Ratio 1:6 (S.I.No.4-diii P-28).	or super structur	re		
	,	TÖTAL	± 5.522.70 €.t	2020 s. 1 - 85	1 660,31c
8	P/L 1:3:6 cement concrete solid block masonary wall 6" about in 1:6 cement mortor in G.Floor Super structure in/c racking curing etc complete (S.I.NO.23/P-19)	TOTAL = 4,699.15 CH 3,630.90 %0.  sed in Ground Floor super structure  b.4-diii P-28).  TOTAL = 5.929.10 CH 2020.00 %  sonary wall 6" above in thiskness set ucture in/c racking out joint and			
		TOTAL	*78.50 Ch	14621 44 %. Cft	11.478

SR#	ITEM OF WORK	QTY.	RATE	UNIT AMOUNT
. 9	R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)			
	FOTAL =	1,877 90 Ch	337.00	PION 632 549
10	Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)			
	TOTAL =	92 17 Cwt	5,001.70	P.Cwt 461.027
11	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also I/c all carriage tools and plants used making and fixing.(S.I.No: 29/P-93)			
	TOTAL ==	171.50 Rft	728 90	≥ RH 35.256
12	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & ventusing 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also I/c all carriage tools and plants used making and fixing.(S.I.No: 28/P-93)			
	TOTAL =	429.60 Rit	240.50	P.Rit 103,175
13	S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of approved design in/c painting 3 coats etc complete (wt. not less then 3.7lbs of finsihing grill) (S.I.NO.26 /P-93)			
	TOTAL =	251.06 Sit	180.50	P.Sit 45,317
14	First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhast hold fasts hings, iron tower bolts chocks cleats handles and cords with hooks etc (S.I.No.7 P-58) Only shutters.	;		
	TOTAL =	487.53 Sit	902.93	P.Sft 440,203
15	Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P-52).			
12		8,025.00 Sft	2,590,50	%, Sit 207.888
16	Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.13-C P-52).			
	rotal =	8.625.00 Sit	2197.52	%. Sit 176.351
17	Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).	= 542 50 SR	2,283.93	%, Srt 12 390
18	3 Cement Pointing fludh on stone work in cement mortor1:3 (S.I.No.20-cii P-53)  TOTAL	= 3,148.38 Sft	1758.08	%, Sft 55,351

SR#	ITEM OF WORK			ÇİY		· Cali	Sist	Section 1
		14400 E.F	٠.	. Transment in the		BE 511 FE 251 11E		
19	Cement concrete plain including placing, compacting, finishic complete (including screening and washing of stone aggreg shuttering) (h) Ratio 1:3:6 (S.i.No. 5(h)/C-4)							
•		[OTAL	.=	228.73	Sit	12598	5 %. Cft	28.815
20	Laying floors of approved coloured glazed tiles 1/4" thicj laic pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO.2	f in white censer 5/P-43)	nt &					
		TOTAL	Ε	154 00	Sit	27 747 (5)	", Sit	y7,1 <b>8</b> 1
21	White glazed tiles 1/4" thick dado jointed in white cement are cement sand mortor 3/4" thick in/c finishing (S.I.NO.37/P-45	nd laid over 1:2 5)						
		TOTAL	æ	427.50	Sft	28,253.61	%. Sh	120,784
22	P/F 3/8" thick marble tiles of approved quality and colour an 6" x 4" in dado skirting and facing removal / tucking of existition etc over 1/2" thick base of cement mortor 1:3 setting and with white cement slurry cement finishing cleaning and polishing new work (S.I.No.68/P-55)	ing plaster surfa ashing the tiles	ice with					
		*OTAL	<u>.</u>	295.20	Sit	186.0	4 P. Sft	54,928
23	P/L C C topping cement concrete 1:2:4 in/c surface finishin pannels pannels (S.I.No.16d P-42).	ig and dividing i	nto					
	3" Thick	TOTAL	<del>.</del>	1 280 00	Sh	4,411 c.	1. 3it	£č.471
	2" Thick	ГОТАL	=	3,065.50	_ Sft	3,275.50	) %, Sli	120,063
24	Making Notice Board made with cement (S.I.NO.1 P-95)							
		TOTAL	¥	200.00	सिंग्	55 1	1 P Rti	11.72
25	White washing 03-Coats (S.I No 26 (b), P-9)	TOTAL		2,6(8.25	Stt	á, i	or St	1 1 1 A
26	Primary coat of chalk under distemper. (S.I.No.23,P.54).	TOTAL			<i>e</i> .	• • •	o es est	67 675
		(OTAL	٠.	8 50, tv	61	442 <i>1</i>	1. No. 16.	37 933
27	Distempering 03-Coats (S.1 No 24 (b), P-54)	TOTAL	ā	8,567.60	Sft	1079.5	5 %. Sit	92 459
28	Painting new surface © Preparing surface and painting of d any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)	loors and windo	ws					
		TOTAL	=	975.05	Sft	2110.4	1 %, SH	20.636

SR#	ITEM OF WORK				add agla 
29	Two coats of bitumen laid hot using 34 lbs for % Sft over roof an sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)	liw bebnild b	th		
		TOTAL	1/85 00 Off	1887.4 %, Sft	26 159
				Total Rs	0.405.311
	Non Schedule Item				
1	Provinding & Laying floor for VERONA Marble Tiles of size 12"x dressed on the surface without winding set in white cement laid bed of 1:2 grey cement mortor setting the tiles with grey cement & washing the tiles with sulurry of white cement & pigment to ma of tiles. i/c curring granding, rubbing & chemical polishing etc co cutting tiles to proper files. (R.A)	over 3/4 thic sulurry, join atch the colo	k ting ur c	31642 P <b>S</b> f	26.0 <mark>4</mark>
			; <del>-</del> -	Total Rs	370,164
1	Compund wall  Schedule Items  Excavation in foundation of Building, Bridges and other structure degebelling dressing refiling around structure with refilling around	nd structure			
'	with excavaed earth Watering and ramming lead upto 5' feet.(B) soil). (S.I # 18-b p).	) (In ordinary			
		TOTAL	= 1,545 Cit	3176.25 %ö. Cit	4.50%
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio (S.I.No.4b,/P-15)	1:5:10			
		JATOT	577	Boshillo (C. Co)	32 7 <b>5</b> 0
Ş	Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing & Plinth (S.I.No.2 (iv), P-27).	g in Foundati	ion		
	a i iiitii (5.1.116.2 (17), 1 2.7).	TOTAL	= 1,500 Cit	25321 % On	579 J15
4	Damp Proof Course wth Cement sand and shingle concrete (1: of asphaltic mixture 2" thick. (S.I.No.28 P-19).	2:4) in/c 2 cc	oal		
		TOTAL.	= 625 Sit	3912 John St.	24,455
	5 Filling watering and ramming earth in floor with surplus earth fron lead upto one chain and left upto 5 feet (S.I.No.21 P-5)	om foundatio	nc		
	icad apto one onam and tole apto o look (e.m.tole).				

SR#	ITEM OF WORK	Oly,	RATE SNAT	AMOUNT
6	P/L 1:3:6 cement concrete solid block masonary wall 6" above in thiskness set in 1:6 cement mortor in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)			
	TOTAL -	1,080 Cft	14621 44 % Olt	157.912
7	R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete ir all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)			
	TOTAL -	57 C9	337 CU P 011	19.041
8	Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)			
	TOTAL =	= 2.02 Cwt	5,001 /U P Cwt	10.093
9	Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)			
	YOTAL :	= 60 Sft	726,72 P.Sit	43,603
10	Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).	= 2.200 Sf1	2,283.93 %. Sft	50,246
	0 - 1 D 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
11	Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.20-cii P-53)	750 Sit	1755 CE 9 - Sit	13.186
	· OTAL	130 (5)(	- 1 <b>3</b> 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	13.703
12	P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints wire slurry of white cement and pigment in desired shape with finishing cleaning an cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)	r th d		
	rotal :	= 42 Sft	47651.56 %. Sit	20,014
1;	3 Primary coat of chalk under distemper. (S.I.No.23,P.54).			
	TOTAL	= 2,200 Sft	442.75 %, Sft	9,741
1-	4 Distempering 03-Coats (S.I No 24 (b), P-54)			
	TOTAL.	= 2260 Sft	1079.85 %, Sft	25 752

SR#	ITEM OF	MSRK	<u></u>	000 000		Real	2 2'41'	n. n.i A adddNi
15	Painting new surface © preparing surface bars grating railing (in/c standard bracess (S.I.No.5d P-76)			on			x	
			FOTAL	÷ 120	Sh	1270.83 %	i. Sit	1,625
						Total Rs	S:	792,597
	WATER SUPPLY & SANITARY FI	TTINGS						
	Schedule Items							
1	Providing & Fixing squating type white galzer front flush inletr & complete with i/c the internal fitting and flush pipe with bend and holes in walls plinth & floor for pipe connection concrete 1:2:4 (Foreign Equivalant) with 4" D	cost of flushing cit I making requisite r ion & making good	stern witt. number ei in cement	4	Nos	5,726.80 E	iach	22,915
2	P/Fxingin 4" dia C.I Off-set of various length colour of the Buildings (S.I.No.8, P-10).	i/c extra painting to	match the	24	Nos	702.00 E	lach	19,348
3	Providing & Fixing M.S Clamps of the approsocket i/c the cost of cutting & making good into wall i/c pipe distance pieces extra paint buildings. (S.I.No.2, P-9).	to wall on M.S Boll	ts. nuts 4"	12	Ivos	72.16 E	Éuch	<b>8</b> 86
4	P/F 24"x18" Lav: Basin in white galzed ear the cost of W.I or C.I cantilever brackets 6 white in 2-coats after a primary coat of led prillar taps, 1-1/2" rubber plug & chrome bars 1/4" dia Malloable iron C.P Brass unions an holes in walls, plinth and floor for pipe corcement concrete 1:2:4 (Standard Pattern) (S	6 inches built into a paint, of 1/2" dia chro swaste of approved dimaking requisite innection and makin	wall plinth ime plated Epatter, 1- number of	g	kos	4,894 d0 -{	Each	9 146
5	Supplying & Fixing C.P brass bib cock 1/2" d	lia standered patterr	1.		. 15	<b>%</b> ** :	L.J	587
6	Providing & Fixing handle valvesChina (S.I.N	lo.5 P-17).						
	1/2" Dia 4 Nos:	J	200.42		N.)s	200,42 (		802
7	3/4" Dia 4 No;s  Construction of main hole or inspection chan circular sewer and 3'x6' depth walls B.B in cosite of walls and 1" (25mm) thick over bench C.I main hole cover with frame of clear open 1.75 Cwt (88.9 KG) embeded in plinth C.C 1 M.S step 6" (150 MM) wide projecting 4 (102	nber for there or requested the state of the	2" thick in in I/c fixing mm) of mm) dia		Nos Nos	27° \$2 1		1 088 68,80
8	12" (305mm) C.C dully painted etc complete drawing No D.P -1 of Public Health Circular Supplying & Fixing Fiber Glass Tank of ap thickness as specified i/c the cost of nuts, Cement Concrete 1:3:6 & making connected flow pipe etc complete, (S.I.No.3(c), P-21). 500 Gallons	Southern Zone.  proved quality, des bolts & fixing in pla	ign & wail ate form of		i isos	<b>3750</b> 542	Fisan	37,6 <b>0</b> 5

SR#	ITEM OF WORK	Öt.	RATE UNIT WOUNT
9	Providing G.I Pipes specials & clamps etc i/c fixing cutting complete with & i/c the cost of breaking through wall & roof mak etc painting 2-coats after cleaning the pipe with white zink pigment to match the colour of the building. (S.I.No.1, P-12).	king good	
•	1/2" Dia 80 RFT @ Rs	73.21 80 Nos	73.21 Each 5,857
	3/4" Dia 150 RFT @ Rs	95.79 150 Nos	95.79 Each 14 369
10	Providing RCC pipe with collars class "B" & digging the tree required depth & fixing in position in/c cutting fitting & join maxphalt composition & cement mortor 1;1 & testing with water to a head of 4 feet the top of the	nting with	:99 25 Each 9 983
			Total Rs: 179,175
	Non Schedule		
1	Supplying & Fixing water pumping set 1/2 H.P mono block single fase with 1"x1-1/4 saction & delevery 50ft head i/c making C C 1:3:6 plat approved size & fixing with nuts & bolts local made. R.A		14,417.70 Each 14,418
2	Providing & fixing Electirc Water Cooler Metalic body 60 gallens (National quality is filter etc completed, R.A.	ional Make 1 Nos	70,000.00 Each 70,000
			Total Rs: 84 418

Executive Engineer
Education Works . - Division
Thatta.

ADP #. 245, (05, UNITS) OF 2017-2018. UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA @ GGPS PIR PATHO, TALUKA GHORA BARI DISTRICT THATTA.

SR#	ITEM OF WORK	22 2005				R41:	UNI	AMOUSE
	Schedule Item							
1	Excavation in foundation of Building, Bridges and other structures degebelling dressing refiling around structure with refilling around with excavaed earth Watering and ramming lead upto 5' feet.(B) (I soil). (S.I # 18-b p).	structure						
		TOTAL	= 4	142.44	Cft	3176.25	%0, <b>Cft</b>	13,157
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:6 (S.I.No.4b,/P-15)	5:10						
		TOTAL	: 1	./31 34	Oft	8694 95 1	% Oft	150,565
3	Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing at & Plinth (S.I.No.2 (iv), P-27).	i Foundatio	<b>)</b> (1					
		TOTAL		, <u>212.51</u>	Cit	25021	%. Cit	813,540
4	Damp Proof Course wth Cement sand and shingle concrete (1:2:4) of asphaltic mixture 2" thick. (S.I.No.28 P-19).	i) in/c 2 coa	ai	<u> </u>				
	<u>3" thickness.</u>	TOTAL		756.38	SIT	4982 15	t. Sti	37,684
5	Filling watering and ramming earth in floor with surplus earth from lead upto one chain and left upto 5 feet (S.I.No.21 P-5)	foundation	1					
		TOTAL	=2	.751 63	Cft	1512.5	%0. Cft	4.177
6	Filling watering and ramming earth in floor with new earth excaval outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).	ed from						
		TATO		995-15	Oft	3.030-00	5. J. Ott	16.147
7	, Coursed Rubble Masonary hammer dressed in Ground Floor supo with cement sand mortor Ratio 1:6 (S.I.No.4-diii P-28).	er structure						
		TOTAL	=	,925.16	Cft	26288 40	યાં. Cft	1,550,318
3	P/L 1:3:6 cement concrete solid block masonary wall 6" above in 3 in 1:6 cement mortor in G.Floor Super structure in/c racking out curing etc complete (S.I.NO.23/P-19)		el					
		TOTAL	E	78.50	Clt	14621.44	Se. Oft	11.478

SR#	ITEM OF WORK			731 A 	Rolf	tal	200 <del>100 1</del>
9	R.C.C work including all labour and material except the cost reinforcement and its labour for bending and binding which separately. This rate also includes all kinds of forms, mould curing, rendering and finishing the exposed surface (includity washing of shingle (a) R.C.C work in roof slab, beams, column other structural members laid in situ or precast laid in pall respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)	wilt be paid is, lifting, shuttering ing screening and umns, rafts, lintels position. Complete	_		201.00	D. Oli	2007.10
		TOTAL	<u></u>	1,877.00 Cft	337.00	P Cit	632.549
10	Fabrication of Tor steel reinforcement for cement concrete bending, laying in position, making joints and fastening includes removal of rust from bars. (S.I.No. 7(b)/	uding cost of bindi	ing				
		TOTAL	=	92.17 Cw	5.001.70	P.Cwt	461.027
11	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for de G.I. sheet i/c welded hinges and fixing at site with necessar with cement sand slurry of ratio 1:6 and repairing the jambs all carriage tools and plants used making and fixing.(S.I.No	ry hold fasts filling s. The cost also l/c	ge				
		IOTAL	=	574 <u>50</u> 286	7 <u>5</u>	is Bli	/S 250
12	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for we using 20 gauge G.I. sheet i/c welded hinges and fixing at similar hold fasts filling with cement sand slurry of ratio 1:6 and rep. The cost also I/c all carriage tools and plants used making 28/P-93)	ite with necessary pairing the jambs.		429.06 Rit	240.50	P Rft	103.175
13	S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of in/c painting 3 coats etc complete (wt. not less then 3.7lbs (S.I.NO.26 /P-93)	of finsihing grill)	<b>)</b> -				
		TOTAL	= -	251.00_Sft	180.50	P.Sft	45.317
14	First class deodar wood wrought joinery in doors and window position in/c chowkhast hold fasts hings, iron tower bolts of and cords with hooks etc (S.I.No.7 P-58) Only shutters.	hocks cleats hand					
		Γ()TAL		457.83 Sit	\$172 sof	ne 4	Air. 2 <b>9</b> 3
15	Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.1	3-C P-52). TOTAL		8,025.00 Sft	2.590.50	% Sft	207,888
		107710	-	0,023.00	2.300.00	70. 010	2.01,000
16	6 Cement Plaster 1:4 up to 12 feet height, 3/8"thick.{S.I No.1	13-C P-52). TOTAL	= -	8,025.00 Sft	2197.52	? %, Sít	176 351
17	Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.1	13-C P-52).					
	. 27		Ξ.	\$42.50 SR		%, Sh	12/390
18	3 Cement Pointing fludh on stone work in cement mortor1:3	(S.I.No.20-cii P-5	3)				
		TOTAL	=	3.148 38   Sin	t 1758.0	3 % Sit	<b>5</b> 5 351

SR#	ITEM OF WORK			 04.5 04.5 1.5		SALES	
19	Cement concrete plain including placing, compacting, finishing a complete (including screening and washing of stone aggregate shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)						
		TOTAL	=	 228.78	Sft	12595 %, Cfl	28,815
20	Laying floors of approved coloured glazed tiles 1/4" thicj laid in pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO.25/P-	white ceme -43)		 - FMF	_		
		TOTAL	Ξ	 134.00	Sft	27,747.98 %. Stt	37.181
21	White glazed tiles 1/4" thick dado jointed in white cement and la cement sand mortor 3/4" thick in/c finishing (S.I.NO.37/P-45)	aid over 1:2		 			
		TOTAL	1.	 477.50	Sit	28.253.61 NJ. St.	125 +84
22	P/F 3/8" thick marble tiles of approved quality and colour and st 6" x 4" in dado skirting and facing removal / tucking of existing etc over 1/2" thick base of cement mortor 1:3 setting and washi white cement slurry cement finishing cleaning and polishing etc new work (S.I.No.68/P-55)	plaster surfa ing the tiles	ace with				
	,	TOTAL.	=	 296.28	Sít	186 04 P. Sit	54 928
23	P/L C C topping cement concrete 1:2:4 in/c surface finishing a pannels pannels (S.I.No.16d P-42).	nd dividing	into				
	3" Thick	TATCT	Ξ	 1.280 U	) SH	4,411 62 %, 3r	56,471
	2" Thick	TOTAL	=	 3.665.5	0 Sh	3.275 50 %. <b>Sf</b> t	120.003
24	Making Notice Board made with cement (S.I.NO.1 P-95)	TOTAL	r	 200 :.	ा हिंद	59.11 ₽ Rft	11.822
25	White washing 03-Coats (S.I No 26 (b), P-9)	TOTAL		<u> 12</u> (15.5)	i (	5. van 15. <b>9</b> .	21.307
26	S Primary coat of chalk under distemper. (S.I.No.23,P.54).	TOTAL	٤	 8.567.5		442.75 % Sft	37 903
27	7 Distempering 03-Coats (S.I No 24 (b), P-54)	TOTAL	=	 8.507.5	 6 Sit	1079 05 51 38	91 499
9.	Painting new surface © Preparing surface and painting of door any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)	rs and wind	SWC				
۷	any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)	TOTAL	=	 97°, (	n. Sa	915: 44 KA \$t	20 63%

SR#	ITEM OF WORK			iği e	RATE	- UNIT	AVOUNT
29	Two coats of bitumen laid hot using 34 lbs for % Sft over ro sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)	of and blinded w	ith				
		TOTAL	± .	1,280.00 Sft	1833	′ ન ધા Sh	24,159
					Tota	i Rs:	5,405,311
	Non Schedule Item						
1	Provinding & Laying floor for VERONA Marble Tiles of size dressed on the surface without winding set in white cement bed of 1:2 grey cement mortor setting the tiles with grey ce & washing the tiles with sulurry of white cement & pigment of tiles. i/c curring granding, rubbing & chemical polishing e cutting tiles to proper files. (R.A)	laid over 3/4 thi ment sulurry. joi to match the col	ick nting lour	1,211.75 Sft	310.	43 P Sft	376 164
		- '	-				
					Tota	i Rs:	370.184
	Compund wall						
	Schedule Items						
1	Excavation in foundation of Building, Bridges and other strudegebelling dressing refiling around structure with refilling a with excavaed earth Watering and ramming lead upto 5' fee soil). (S.1 # 18-b p).	around structure					
		TOTAL	Ξ	1,545 Cft	3178	16 = 1 Cm	: 967
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage (S.I.No.4b,/P-15)	ratio 1:5:10					
		TOTAL	- -	377 Cft	8694	.95 %, Cft	32.750
3	Coursed Ruble Masonry Ratio (1:6) including Hammer Dre & Plinth (S.I.No.2 (iv), P-27).	ssing in Founda	ition				
				1,500 Cft	251	. 15. Ott	079 815
4	Damp Proof Course wth Cement sand and shingle concret of asphaltic mixture 2" thick. (S.I.No.28 P-19).	e (1:2:4) in/c 2 c	oat				
		TOTAL	==	626 Sh	3012	05 %, SR	24,455
Ę	Filling watering and ramming earth in floor with surplus ear lead upto one chain and left upto 5 feet (S.I.No.21 P-5)	th from foundati	on				
		TOTAL	=	1,030 Cft	151	2.5 %3, Ch	1,558

R.C.C work including all labour and material except the cost of steet reinforcement and its labour for bending and binding which will be paid separately. This rate asion includes all kinds of forms, module, strong screening and washing of stringle (a) R.C.C work in root stable, bears, Scolimans raths, situals and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1,24 90 lbs. (S.I.No. 6(a)viC-4)  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  Fabrication of Tor steel reinforcement for cement concrete including cutting and give reinforcement for steel specification of the steel specification plotted in white cement and pigment over a base of 1.2 grey cement montor 34* thick includes a specification plotted in white cement and pigment to desired shape with finishing and filing of joints with source of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc comprise in/c cutting tiles to proper profile (S.I.No.81 P. 48)  FOTAL = 2.206 cm 4.4275 to 58  10 TAL = 2.206 cm 4.4275 to 58  11 Dis	SR#	ITEM OF WORK		·- ·:	CIY	<u>-</u>	RATE	UNII	1.19 - (2) 1 1.19 - (2) 1
R.C.C work including all labour and material except the cost of steat reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moutals, sting; struttering or curing, rendering and linishing the exposed surface (including screening and washing of shingle (a) R.C.C work in root slab, beams, country, raths, tintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4.90 (bs. (S.I.No. 6(a)/i/C-4))  Fabrication of Tor steel reinforcement for cement concrete including cutting 8 bending, laying in position, making joints and fastening including cutting 8 bending, laying in position, making joints and fastening including cutting 8 bending, laying in position, making joints and fastening including cutting wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  1074L = 2.02 Cbt 5.001.70 P.Cbt  Making & Fixing steel grated doors with 1/16" thick sheeting inic angle iron  9 frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with tocking arrangement (S.I.No. 24 P-92)  1075L = 60 St; 725.70 P.Sh  10 Cement Plaster 1.4 up to 12 feet height, 1/2"thick.(S.I.No.13-C.P-52).  1075L = 2.00 Ch 2.00 St		in 1:6 cement mortor in G.Floor Super structure in/c racking		set	A Comment of the law o	weeten i	2		
reinforcement and its labour for bending and binding which will be easid separately. This rate also includes all kinds of forms, moulds, filting, shuttering.  7 curing, rendering and finishing the exposed surface (including streening and washing of shingle (a) R.C.C work in roof slab, beams, columns trafs, limitals and other structural members laid in stor or precast lad in position. Complote in all respects (i) Ratio 1.2.4.90 lbs. (S.I.No. 6(a)/6/C-4)  101AL = 57 Ch 3379, P.D.R.  Fabrication of Tor steel reinforcement for cement concrete including cutting.  8 bending, laying in position, making joints and fastering including cutting.  8 bending, laying in position, making joints and fastering including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  107AL = 2.02 Cbt 5.001.70 P.Cbt  Making & Fixing steel grated doors with 1/16" thick sheeting inic angle iron.  9 frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)  10 Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I.No.13-C.P52),  10 Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.29-6/F53)  10 Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.29-6/F53)  11 Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.29-6/F53)  12 TOTAL = 750 SR 756-75 SR  13 Primary cost of chalk under distemper, (S.I.No.23, P.54)  14 Distempering 03-Coats (S.I.No.24 (b), P.54)			JATOT	=	1.080	Clt	14621.44 %	t, Cu	157,912
Fabrication of Tor steel reinforcement for cement concrete including cutting.  8 bending, Laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  TOTAL = 2.02 Cwt 5.001.70 P Cwt  Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron  9 frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)  FOTAL = 60 St; 2/6.7. P Sh  10 Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I.No.13-C P-52).  TOTAL = 2.206 Sh 2.265 Sh St;  11 Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.20-cii P-53)  TOTAL = 750 Sit 1/56.3 st, St.  P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" hick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting flies to proper profile (S.I.No.81 P-48)  FOTAL = 2.206 Sh 44275 % Sh 14275 %	7	reinforcement and its labour for bending and binding which separately. This rate also includes all kinds of forms, mould curing, rendering and finishing the exposed surface (includi washing of shingle (a) R.C.C work in roof slab, beams, column and other structural members laid in situ or precast laid in p	will be paid ls, lifting, shutter ng screening an imns, rafts, linte	á Is					
8 bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  TOTAL = 2.02 Cwt 5.001.70 P Cwt  Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron 9 frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)  TOTAL = 60 St: 726.77 P St:  10 Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I.No.13-C P-52).  TOTAL = 2.299 St: 2.283.93 % St:  11 Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.20-cii P-53)  TOTAL = 7.50 St: 17.57 S St: 17.5			TOTAL	=	5	7 Cft	337 Oc. F	- Ch	19,041
Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron 9 frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)  FOTAL = 60 St: 72677 P-Sh  10 Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I.No.13-C P-52).  TOTAL = 2.200 St: 2.283 St. St. St.  11 Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.20-cii P-53)  TOTAL = 750 St. 7756 St. 3.5  P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)  FOTAL = 2.206 St. 42.75 St.  13 Primary coat of chalk under distemper. (S.I.No.23,P.54)	8	bending, laying in position, making joints and fastening incl	uding cost of bir						
9 frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)  FOTAL = 60 St; 725.77 P Sh  10 Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I.No.13-C P-52).  FOTAL = 2,200 Sh 2,283.55 % St;  11 Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.20-di P-53)  FOTAL = 750 Sit 756.53 % St;  P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)  FOTAL = 2,200 St; 447.75 % St;  13 Primary coat of chalk under distemper. (S.I.No.23,P.54)			TOTAL	Æ	2.0	2 Cwt	5.001.70 F	<sup>o</sup> Cwi	10,093
10 Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I.No.13-C P-52).  TOTAL = 2.200 Sh 2.253 50 % Sh.  11 Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.20-cli P-53)  TOTAL = 750 Sh 1/26 3 % Sh.  P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints with sturry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)  13 Primary coat of chalk under distemper. (S.I.No.23,P.54)  FOTAL = 2.200 Sh 447.75 % Sh 147.75 % Sh 14	9	frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre v							
TOTAL = 2,200 Str. 2,283 SS Pt. Str.  11 Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.20-cii P-53)  TOTAL = 750 Str. 1768 c.B. St.  P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)  12 Primary coat of chalk under distemper. (S.I.No.23,P.54)  TOTAL = 2,206 Str. 44275 % Str. 44275 % Str. Str. 44275 % Str. Str. 44275 % S			LATOT	Ξ	6	0 SI;	726.77 F	Sh	43,603
P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)  FOTAL = 42 Ch 47.6.4.6.5 % St.  13 Primary coat of chalk under distemper. (S.I.No.23,P.54)	10	Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.1		=	2,20	ຢ່ຽກ	2,283 95 -	t Sft	50 240
P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)  FOTAL = 42 Ch 476.46.56  FOTAL = 2.206 SR 444.75 % SR  14 Distempering 03-Coats (S.I.No.24 (b), P-54)			(D. 1.1. 00 1 D.)	e os					
P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)    TOTAL = 42 09	11	Cement Pointing flush on stone work in cement mortor1:3 (		53)					
floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P- 48)  FOTAL = 42 04 STANATIN St.  13 Primary coat of chalk under distemper. (S.I.No.23,P.54)  FOTAL = 2,200 St. 44275 % St.  14 Distempering 03-Coats (S.I.No.24 (b), P-54)			TOTAL	=	75	0 Sit	1758 (3)	€. Sh	15,18(
13 Primary coat of chalk under distemper. (S.I.No.23,P.54)  FOTAL = 2,200 8t 44275 %. Sft  14 Distempering 03-Coats (S.I No 24 (b), P-54)	12	floor and pattern of stile specification jointed in white ceme a base of 1:2 grey cement mortor 3/4" thick in/c washing at slurry of white cement and pigment in desired shape with fit cost of wax polish etc complete in/c cutting tiles to proper p	nt and pigment on nd filling of joints inishing cleaning	over s with g and					
TOTAL = 2,200 Str 44275 %. Str  14 Distempering 03-Coats (S.I No 24 (b), P-54)		,	TOTAL			2 01	22 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	v Sii	30.01
14 Distempering 03-Coats (S.I No 24 (b), P-54)	13	Primary coat of chalk under distemper. (S.I.No.23,P.54)							
			<b>FOTAL</b>	=	2,20	it en	447.75	%. Sft	9.74
	14	Distempering 03-Coats (S.I No 24 (b), P-54)							
TOTAL - ZZVV on iveral and	1-7		ľOTAL	=	2200	Slı	1075-05	પ્રકા	23,75

SR#	ITEM OF WORK		(1)	V	Rate Sall	₩. 441
15	Painting new surface © preparing surface and painting bars grating railing (in/c standard bracess etc) & similar (S.I.No.5d P-76)		of iron			
	•	TOTAL		120 Str	1270.83 %. Sft	1,525
					Tota! Rs:	792,597
	WATER SUPPLY & SANITARY FITTINGS					
	Schedule Items					
1	Providing & Fixing squating type white galzed earthenware front flush inletr & complete wiht i/c the cost of flushin internal fitting and flush pipe with bend and making requisholes in walls plinth & floor for pipe connection & making g concrete 1:2:4 (Foreign Equivalant) with 4" Dia C.I Trap (S.I.	g cistern with site number of ood in cement		4 Nos	5,728.80 Each	22,915
2	P/Fxingin 4" dia C.I Off-set of various length i/c extra paintin colour of the Buildings (S.I.No.8, P-10).	ig to match the		24 Nos	702.5% Each	16,848
3	Providing & Fixing M.S Clamps of the approved design to a socket i/c the cost of cutting & making good to wall on M.S into wall i/c pipe distance pieces extra painting to match the buildings. (S.I.No.2, P-9).	Bolts, nuts 4"		12 Nos	72.18 Eacn	869
4	P/F 24"x18" Lav: Basin in white galzed earthenware complete cost of W.I or C.I cantilever brackets 6 inches built if white in 2-coats after a primary coat of led paint, of 1/2" dia pillar taps, 1-1/2" rubber plug & chrome bars waste of apprentiate dia Malloable iron C.P Brass unions and making required holes in walls, plinth and floor for pipe connection and making rement concrete 1:2:4 (Standard Pattern) (S.I.No.12, P-4)	into wall plinth chrome ptated oved patter, 1- site number of		2 Nos	4 394 au - Each	9 390
5	Supplying & Fixing C.P brass bib cock 1/2" dia standered pa	attern.		4 Nos	145.42 Each	582
6	Providing & Fixing handle valvesChina (S.I.No.5 P-17).					
	1/2" Dia 4 Nos: @ 6			4 Nos	20059 Earth 27152 Each	802 1.665
7	3/4" Dia 4 No;s @ 9 Construction of main hole or inspection chamber for there o circular sewer and 3'x6' depth walls B.B in cement plaster 1 site of walls and 1" (25mm) thick over benching and channe C.I main hole cover with frame of clear opening 1-1/2 (457x 1.75 Cwt (88.9 KG) embeded in plinth C.C 1:2:4 and fixing 1" M.S step 6" (150 MM) wide projecting 4 (102mm) from the fixing 1" (305mm) C.C dully painted etc complete as per specific drawing No D.P -1 of Public Health Circular Southern Zone.	r required dia :3 1/2" thick in Il and I/c fixing 457mm) of 1 (25mm) dia ace of wall at ation and		4 Nos		56.992
8	Supplying & Fixing Fiber Glass Tank of approved quality, thickness as specified i/c the cost of nuts, bolts & fixing i Cement Concrete 1:3:6 & making connections for in-let & flow pipe etc complete. (S.I.No.3(c), P-21).	, design & wall n plate form of				
	500 Gallons			1 Nos	37505.42 Each	37.505

SR	ITEM OF WORK	<u></u>		3		HATE HATE		14.100M2 14.100M2 14.100M2
9	Providing G.I Pipes specials & clamps etc. i/c fixing cutting complete with & i/c the cost of breaking through wall & roof maketc painting 2-coats after cleaning the pipe with white zink pigment to match the colour of the building. (S.I.No.1, P-12).	ding good						
	1/2" Dia 80 RFT @ Rs	73.21	-	00	Nos	Wiz A Easin		5 857
	3/4" Dia 150 RFT @ Rs	95.79	. —	150	Nos	95 75 Each		14,569
1(	Providing RCC pipe with collars class "B" & digging the tre required depth & fixing in position in/c cutting fitting & join maxphalt composition & cement mortor 1;1 & testing with water to a head of 4 feet the top of the	nting with		50	Nos	199 25 Each		9,963
						Total Rs:		179,175
	Non Schedule							
1	Supplying & Fixing water pumping set 1/2 H.P mono block single fas with 1"x1-1/4 saction & delevery 50ft head i/c making C C 1:3:6 pra approved size & fixing with nuts & bolts local made. R.A			1	t.os	14 417 70 Each		14,416
2	Providing & fixing Electirc Water Cooler Metalic body 60 gallens (Nation approval quality i/c filter etc completed, R.A.	ional Make		1	Nos	70,000.00 Each		70.000
						Totai Rs:	· ·	84,418

Executive Engineer
Education Works Division
Thatta.

#### ADP #. 245, (05, UNITS) OF 2017-2018. UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA @ GBPS ANWER JAMARI, TALUKA MIRPUR SAKRO DISTRICT THATTA.

#### Main Building Schedule B

SR#	ITEM OF WORK	y may make the property of the	017	RAR UNIT	AlzDoNT
	Schedule Item				
1	Excavation in foundation of Building, Bridges and other structures including degebelling dressing refiling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinar soil). (S.I # 18-b p).				
	TOTAL	=	1,142.44 Cft	3176.25 %0. Cft	13.157
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)				
	TOTAL	=	1,731.64 Cft	8694.95 %. Cft	150.565
3	Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Founda & Plinth (S.I.No.2 (iv), P-27).	ation			
	FOTAL		3,212.91 Clt	25321 %c, Cit	813,540
4	Damp Proof Course wth Cement sand and shingle concrete (1:2:4) in/c 2 of asphaltic mixture 2" thick. (S.I.No.28 P-19).	coat			
	<u>3" thickness.</u> TOTAL	= = · ·-· ·	755.3⊱ Sn	4982 18 %. Sft	37.684
5	Filling watering and ramming earth in floor with surplus earth from foundati lead upto one chain and left upto 5 feet (S.I.No.21 P-5)	ion			
	TOTAL	=	2,761.63 Cft	1512.5 %0, Cft	4,177
6	Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.1.No.22 P-5).				
	TOTAL	=	4.999.13 Ch	3.630.00 %0. Oh	18,147
7	. Coursed Rubble Masonary hammer dressed in Ground Floor super structu with cement sand mortor Ratio 1:6 (S.I.No.4-diii P-28).	ıre			
	TOTAL	=	5.923 18 Oft	26265 46 % Uit	1 556 318
3	P/L 1:3:6 cement concrete solid block masonary wall 6" above in thiskness in 1:6 cement mortor in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)	s set			
	TOTAL		78.50 CR	14621 44 % Cft	11 478

SR#	ITEM OF WORK		<u>.</u>	31)		Rall	Ulfar i	100 C
9	R.C.C work including all labour and material except the cos reinforcement and its labour for bending and binding which separately. This rate also includes all kinds of forms, mould curing, rendering and finishing the exposed surface (includi washing of shingle (a) R.C.C work in roof slab, beams, colu and other structural members laid in situ or precast laid in p all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)	will be paid s, lifting shutteri ng screening and Imns, ratts, lintei	j S					
		TOTAL		1.877.00	Cit	337.09	P Sit	935,549
10	Fabrication of Tor steel reinforcement for cement concrete is bending, laying in position, making joints and fastening includes removal of rust from bars. (S.I.No. 7(b)/4	uding cost of bind	ding					
		TOTAL	<b>=</b> _	92.17	Cwt	5,001 70	P.Cwt	461,027
11	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for dr G.I. sheet i/c welded hinges and fixing at site with necessar with cement sand slurry of ratio 1:6 and repairing the jambs all carriage tools and plants used making and fixing.(S.I.No	ry hold fasts fillin i. The cost also I	9					
		TOTAL	=	171.60	Rit	Zži m	. PR11	39 250
12	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for w using 20 gauge G.I. sheet i/c welded hinges and fixing at si hold fasts filling with cement sand slurry of ratio 1:6 and rep The cost also I/c all carriage tools and plants used making 28/P-93)	te with necessar pairing the jambs	•					
	'	TOTAL	= -	429.60	. Rit	240.0.	P.Aft	103,175
13	S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of in/c painting 3 coats etc complete (wt. not less then 3.7lbs (S.I.NO.26 /P-93)		ın					
		TOTAL	= -	251.06	Sft	180 50	P.Sft	45.317
14	First class deodar wood wrought joinery in doors and windoposition in/c chowkhast hold fasts hings, iron tower bolts chand cords with hooks etc (S.I.No.7 P-58) Only shutters.		dles					
		FOTAL	i.	48 53	Sit	9173	9 F SN	10 K6a
15	Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.1		_	3,025 C.	 . 5:t	2,599 p.	J % Sft	207.888
16	Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.1		= =	8,025.00	_ SN	2197.5	52 %. Sft	176,351
17	Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.1	13-C P-52).						
		TOTAL	=	542.50	) Sit	2,283.9	3 %, Sti	12,390
15	3 Cement Pointing fludh on stone work in cement mortor1:3	(S.I.No.20-cii P-	53)					
10	, Demonstration of the many in some many	TOTAL		3,145.3	o Oil	1768	08 %. St	55.351

R#	ITEM OF WORK		· · · · · · ·	07Y		AATI UNIT	- INDOM:
19	Cement concrete plain including placing, compacting, finishin complete (including screening and washing of stone aggrega shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)						
		TOTAL	=	228.78	Sit	12595 %, Oft	z8 815
20	Laying floors of approved coloured glazed tiles 1/4" thicj laid pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO.25	in white ceme /P-43)	nt &				
		TOTAL	=	134.00	Sft	27.747.06 %, Sft	37.181
21	White glazed tiles 1/4" thick dado jointed in white cement and cement sand mortor 3/4" thick in/c finishing (S.I.NO.37/P-45)	d laid over 1:2					
		TOTAL	4	427 50	Sit	28,263 V M 3h	£ ∈ 784
	P/F 3/8" thick marble tiles of approved quality and colour and 6" x 4" in dado skirting and facing removal / tucking of existing etc over 1/2" thick base of cement mortor 1:3 setting and wa white cement slurry cement finishing cleaning and polishing new work (S.I.No.68/P-55)	ig plaster surfa shing the tiles	ace with				
		TOTAL	=	295 25	Sft	186.04 P Sft	54,928
23	P/L C C topping cement concrete 1:2:4 in/c surface finishing pannels pannels (S.I.No.16d P-42).	and dividing	into				
	3" Thick	TOTAL	=	1,280.00	Sft	4,411.82 %, Sft	56,471
	2" Thick	TOTAL	=	3.065.50	Sft	3.275 o0 % Sft	120.063
24	Making Notice Board made with cement (S.I.NO.1 P-95)	IOTAL	42	26±65	Rij	80 Y HRN	15 627
25	White washing 03-Coats (S.I No 26 (b), P-9)	TOTAL	=	2,636.25	Sft	829 95 %, Sft	21,647
26	Primary coat of chalk under distemper. (S.I.No.23,P.54).	TOTAL	=	8,567.50	Sít	442.75 % Sn	37.93
27	Distempering 03-Coats (S.I No 24 (b), P-54)	TOTAL	=	8,567.50	Sit	1079.65 %, Sít	92,49
28	Painting new surface © Preparing surface and painting of do any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)		ows	V : <u>!</u>	-		·
	any type (in/c edges) (I&II) 3 coats (S.I.No.5@/I&iiC-11)	TOTAL	=	<u></u>	Sft	2116.41 %, Sfi	20 63

SR#	ITEM OF WORK				RATE UNIT /	
29	Two coats of bitumen laid hot using 34 lbs for % Sft over root sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)	of and blinded w	vith			
•		ľOTAL	= 1,	260.00 Sft	1887 4 %, Sh	24,159
					Total Rs:	5,405.311
	Non Schedule Item					
1	Provinding & Laying floor for VERONA Marble Tiles of size dressed on the surface without winding set in white cement bed of 1:2 grey cement mortor setting the tiles with grey cer & washing the tiles with sulurry of white cement & pigment to fitles. i/c curring granding, rubbing & chemical polishing et cutting tiles to proper files. (R.A)	laid over 3/4 thi ment sulurry, joi to match the col to complete etc	ick nting our i/c			
		TOTAL	= 1	211.75 Sit	310.43 P. Sft	376 164
				<u> </u>	Total Rsi	070.164
	Compund wall					
	Schedule Items					
1	Excavation in foundation of Building, Bridges and other strudegebelling dressing refiling around structure with refilling a with excavaed earth Watering and ramming lead upto 5' feesil). (S.I # 18-b p).	round structure				
		TOTAL	=	1.545 Oit	317016 M2 CH	4.907
2	, Cement Concrete brick or stone ballast 1-1/2" to 2" guage r (S.I.No.4b,/P-15)	ratio 1:5:10				
		rotal		377 Cft	8694.95 %. Cft	32,750
3	Coursed Ruble Masonry Ratio (1:6) including Hammer Dres  & Plinth (S.I.No.2 (iv), P-27).	ssing in Founda	ition			
	, , , , ,	TOTAL	=	1.500 Ch	25301 % Off	379,815
4	Damp Proof Course wth Cement sand and shingle concrete of asphaltic mixture 2" thick. (S.I.No.28 P-19).	e (1:2:4) in/c 2 c	coat			
		TOTAL	=	625 Sft	3912.85 %. Sh	24 455
;	5 Filling watering and ramming earth in floor with surplus ear 6 lead upto one chain and left upto 5 feet (S.I.No.21 P-5)	lh from foundati	ion			
		TOTAL		1,030 Cft	1512.5 %0. Cft	1,558

SR#	ITEM OF WORK	20		Rail	UNIT :	AMOGAL (
6	P/L 1:3:6 cement concrete solid block masonary wall 6" above in thiskness set in 1:6 cement mortor in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)					- ALLE
	TOTAL =	1,080	Cft	14621.44	%, Cf:	57,912
7	R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)					
	TOTAL =	57	_Cit	337.00	P. Cit	19,041
8	Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)					
	ŤOTAL =	2.02	Cwt	5,001.70	P Owt	10,093
9	Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)					
	FOTAL =	60	Stt	728 /2	P.Sít	43.603
10	Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).	2,200	_Sit	z,z83 55	%. Stt	50,246
11	Cement Pointing flush on stone work in cement mortor1:3 (S.I.No.20-cii P-53)					
	TOTAL =	750	Sft	1758.08	%. Sft	13.186
12	P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)	1 I				
	FOTAL =	42	. Sti	47651 50	° 6. Sh	20 (.14
13	Primary coat of chalk under distemper. (S.I.No.23,P.54).					
	TOTAL =	2,200	Sft	442.76	5 % 31	9,741
14	Distempering 03-Coats (S.I No 24 (b), P-54)					
	TOTAL =	2200	Sit	1079.65	5 %, S <b>í</b> t	23,752

SR#	ITEM OF WORK				RATE G	WIT . AMOUNT .
15	Painting new surface © preparing surface and painting guar bars grating railing (in/c standard bracess etc) & similar ope (S.I.No.5d P-76)		iron		1	1.17 TWO 1.400 A. C.
		TUTAL	120	Sit	1273 1 1 1 3	fit 1,525
				:	Total Rs.	792,597
	WATER SUPPLY & SANITARY FITTINGS					
	Schedule Items					
1	Providing & Fixing squating type white galzed earthenware W.C front flush inletr & complete wint i/c the cost of flushing cisinternal fitting and flush pipe with bend and making requisite r holes in walls plinth & floor for pipe connection & making good concrete 1:2:4 (Foreign Equivalant) with 4" Dia C.I Trap (S.I.No.2)	stern with number of in cement	4	1.03	owie wi bud	:: ZZ 91 <del>t</del>
2	P/Fxingin 4" dia C.I Off-set of various length i/c extra painting to colour of the Buildings (S.I.No.8, P-10).	rnatch the	24	Nos	Azos <del>ž</del> ar	h 16.548
3	Providing & Fixing M.S Clamps of the approved design to 4" dissocket i/c the cost of cutting & making good to wall on M.S Bolt into wall i/c pipe distance pieces extra painting to match the colbuildings. (S.I.No.2, P-9).	ts, nuts 4"	12	Nus	72 10 Eric	t: 866
4	P/F 24"x18" Lav: Basin in white galzed earthenware complete the cost of W.I or C.I cantilever brackets 6 inches built into white in 2-coats after a primary coat of led paint, of 1/2" dia chropillar taps, 1-1/2" rubber plug & chrome bars waste of approved 1/4" dia Malloable iron C.P Brass unions and making requisite in holes in walls, plinth and floor for pipe connection and making cement concrete 1:2:4 (Standard Pattern) (S.I.No.12, P-4)	wall plintn ime plated I patter: 1- number of	ż	ties	4.634.80 Eac	in 9,390
5	Supplying & Fixing C.P brass bib cock 1/2" dia standered pattern	٦.	4	Nos	145 W Em	h 5d2
6	Providing & Fixing handle valvesChina (S.I.No.5 P-17).					
	1/2" Dia 4 Nos: @ Rs 3/4" Dia 4 No;s @ Rs	200.42 271.92	· · — -	Nos Nos	200.42 Epc 271.92 Epc	
7	Construction of main hole or inspection chamber for there or requircular sewer and 3'x6' depth walls B.B in cement plaster 1:3 1/2 site of walls and 1" (25mm) thick over benching and channel and C.I main hole cover with frame of clear opening 1-1/2 (457x 457t 1.75 Cwt (88.9 KG) embeded in plinth C.C 1:2:4 and fixing 1 (25 M.S step 6" (150 MM) wide projecting 4 (102mm) from the face of 12" (305mm) C.C dully painted etc complete as per specification drawing No D.P -1 of Public Health Circular Southern Zone.	uired dia 2" thick in 1 Pc fixing mm) of mm) dia of wall at		Nos	14,748.00 Eac	
8	Supplying & Fixing Fiber Glass Tank of approved quality, desthickness as specified i/c the cost of nuts, bolts & fixing in placement Concrete 1:3:6 & making connections for in-let & out-flow pipe etc complete. (S.I.No.3(c), P-21).	ate form of		-		
	500 Gallons			Nos_	37505.42 Ea	on 37 505

		<u></u>			
SR#	ITEM OF WORK	Experience of the second of th		ARM INC.	riskobil Hara a H <del>ar</del> a
9	Providing G.I Pipes specials & clamps etc i/c fixing cutting & complete with & i/c the cost of breaking through wall & roof making etc painting 2-coats after cleaning the pipe with white zink painting pigment to match the colour of the building. (S.I.No.1, P-12).	g gaoa			
	1/2" Dia 80 RFT @ Rs 73	3.21	80 Nos	73.21 Each	5.857
	•	5.79	150 Nos	95.75 Each	14 369
10	Providing RCC pipe with collars class "B" & digging the trend required depth & fixing in position in/c cutting fitting & jointin maxphalt composition & cement mortor 1;1 & testing with water prito a head of 4 feet the top of the	ng with	50 Nos	199.25 Each	9,963
				Total Rs;	179,175
	Non Schedule	÷			
1	Supplying & Fixing water pumping set 1/2 H.P mono block single fase 2 with 1"x1-1/4 saction & delevery 50ft head i/c making C C 1:3:6 plate approved size & fixing with nuts & bolts local made. R.A		1 408	s 14.41 <sup>mm</sup> Eller	14.418
2	Providing & fixing Electirc Water Cooler Metalic body 60 gallens (Nation or approval quality i/c filter etc completed, R.A.	nal Moke	1 Nos	s 70,060.00: Each	70,000
				Total Rs:	84,418

Executive Engineer Education Works, -Division Thatta.

### SCHEDULE-B

Name of Work: -

(ADP # 486, OF 2016-2017 PROGRAMME) ESTABLISHMENT OF GOVERNMENT BOYS / GIRLS DEGREE COLLEGES IN SINDH @ GOVERNMENT BOYS DEGREE COLLEGE GHARO , TALUKA MIRPUR SAKRO DISTRICT THATTA. . (REMAINING WORK).

		Ground	Floc

		Ground Floo	){				
SR#	ITEM OF WORK			QTY:		RATE UNIT	AMOUNT
	Shedule Item			:			
1	Excavation in foundation of Building, Bridges and other struggebelling dressing refiling around structure with refilling with excavaed earth Watering and ramming lead upto 5' fe soil). (S.I # 18-b p).	around structure	9				
		TOTAL	=	10,468.00	Cft	3176.25 %0, Cft	33,249
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage (S.I.No.4b,/P-15)	e ratio 1:5:10					
		TOTAL	= .	12,321.99	Cft	8694.95 %, Cft	1,071,391
3	Erection and remval of centering for R.C.C or plain cemer of partal wood (2ns class) (ii) vertical)	nt concrete work	S	:			
		TOTAL	= .	11,200.00	Cft	3127.41 %, Cft	350,270
۵	Cement concrete plain including placing, compacting, finite complete (including screening and washing of stone aggreshuttering) (h) Ratio 1:2:4 (S.I.No. 5(h)/C-4)			:			
	Net Qty: 6,484 -	57 TOTAL	= .	6,427.30	Cft	14429.25 %, Cft	927,411
. 5	Supply & Filling sand under floor and plugging in walls.						
	Net Qty: - 34,282 -	170 TOTAL	=	34,112.12	Cft	1141.25 %, Cft	389,305
6	Coursed Ruble Masonry Ratio (1:6) including Hammer Dr Foundation & Plinth (S.I.No.2 (iv), P-27).	ressing in					
		TOTAL	=	1,364.88	Cft	25321 %, Cft	345,600
7	Cement concrete plain including placing, compacting, finition complete (including screening and washing of stone aggreshuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)	-		;			
		TOTAL	=	3,528.83	Cft	12595 %, Cft	444,456
8	R.C.C work including all labour and material except the coreinforcement and its labour for bending and binding which separately. This rate also includes all kinds of forms, mous shuttering, curing, rendering and finishing the exposed subscreening and washing of shingle (a) R.C.C work in roof scolumns, rafts, lintels and other structural members laid in laid in position. Complete in all respects (i) Ratio 1:2:4 90 6(a)/i/C-4)	ch will be paid alds, lifting, arface (including slab, beams, n situ or precast					
		TOTAL	=	2,158.69	Cft	342.00 P. Cft	738.273
	RATIO 1:2:4	TOTAL	=	24,151.51	Cft	337.00 P. Cft	8,139,060

Fabrication of Tor steel reinforcement for cement concrete including cutting, 9 bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)

SR#	· ITEM OF WORK			QTY:	RATE	UNIT	AMOUNT
, , , , , , , , , , , , , , , , , , ,		TOTAL	=	1,401.65 Cwt	5,001.70	P.Cwt	7,010,634
10	Extra labour for laying concrete plain or rainforced (a) 20%	10' height .(S.I.N	10.				
	12(a)/P-18)	TOTAL	= .	2,016.53 Cft	1,210.00	%, Cft	24,400
11	Extra labour for lifting of steel above first floor for every at	ditional floor.					
	(S.I.No. 29/P-19)	TOTAL	=	117.03 Cwt	151.25	P.Cwt	17,701
12	Providing & placing in position chip board 3/4" thick for fil expansion joints of building ( S.No: 93 / P-116)	ling space betwe	een				
	expansion joints of building ( S.No: 93 / P-116)	TOTAL	=	286.36 Sft	43.26	P. Sft	12,388
	Filling watering and ramming earth in floor with new earth	excavated fron	1				
. 13	Filling watering and ramming earth in floor with new earth outside lead upto one chain and left upto 5 feet (S.I.No.2)	2 P-5). TOTAL	=	998.16 Cft	3,630.00	%0, Cft	3,623
	DIE C. I franco / Chauthata of size 78498 or 4 4198 v 28 for			<u> </u>	,	•	
1.1	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for gauge G.I. sheet i/c welded hinges and fixing at site with fasts filling with cement sand slurry of ratio 1:6 and repair	necessary hold	The	· :			
14	cost also I/c all carriage tools and plants used making an 29/P-93)	d fixing.(S.I.No:	ille		•		
	20/1 00/	TOTAL	=	1,149.90 Rft	228.90	P.Rft	263,212
	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for using 20 gauge G.I. sheet i/c welded hinges and fixing at			•			
15	is hold fasts filling with cement sand slurry of ratio 1:6 and in The cost also I/c all carriage tools and plants used making	epairing the jarr					
	fixing.(S.I.No: 28/P-93)	TOTAL	=	2,791.00 Rft	240.50	P.Rft	671,236
	•						
16	P/F with sunk iron screws wooden Architrave approved on having width not less than 2-1/2" as directed by Engineer	lesign / shape · Incharge.(P/66	-60)				
		TOTAL	=	2,771.50 Rft	49.97	P.Rft	138,492
17	First class deodar wood wrought joinery in doors and wir position in/c chowkhast hold fasts hings, iron tower bolts handles and cords with hooks etc (S.J.No.7 P-58).		n	:			
	Hariatas and sords that hooks sto (c.i.i.s.) 1 - soj.	TOTAL	=	290.50 Sft	1,273.76	P. Sft	370,027
	Only Shuter			; •			
		TOTAL	=	1,720.16 Sft	902.93	P. Sft	1,553,180
18	P/F in position door window and ventilatores of fist class frames and 1- 1/2" thick teak wood ply shutters of 2nd cl sekelton (solid) styles and rails core of partal wood and to ply) on both side i/c hold fasts hinges iron tower blts han	ass deodar woo eak ply wood (3	-				
	cord e,t,c complete. (S.I.No.58 P-65).	TOTAL	=	1,113.07 Rft	1,077.06	P.Rft	1,198,840

5K#	TEN OF WORK							
20	First class deodar wood wrought joinery work windows wit h22 S.W.G Galvanized wire juagiron fittings complete. Galwinzed ware guaze	je 144 mes	sh per s	quare inch				
	575.61 . (S.I.No.14(c) P-60).			TOTAL	= -	51.23 Sft	575.61 P. Sft	29,486
21	Fixing expended metal with 1" Deodar woods (S.I.No.22 (a) P-61).	er strips an		vs . TOTAL	= -	2,031.00 Sft	296.05 P. Sft	601,278
22	Providing and laying 1:3:6 cement concrete s thick above in thickness set in 1:6 cement m tructure including racking out joints & curring 19).	iortor in gr	ound fl	oor super		,		
	Net Qty: 15	5,142 -	3,634	TOTAL	= -	11,508.80 Cft	14621.44 %. Cft	1.682,752
23	Cement Plaster 1:6 up to 20 feet height, 1/2"	thick.(S.I N	No.13-C	P-52).				
	Net Qty: 63	3,800 -	3,311	TOTAL	= -	60,489.53 Sft	2,206.60 %, Sft	1,334,762
24	Cement Plaster 1:4 up to 20 feet height, 3/8"	thick.(S.I N	No.13-C		_		0.1077 570 041 041	4 000 070
				TOTAL	= -	60,489.53 Sft	2197.52 %, Sft	1,329.270
25	Cement Pointing Flush on stone work in cem 53)	nent mortoi	r1:3 (S.	I.No.20-cii	P-			
				TOTAL	= -	3,757.85 Sft	1758.08 %, Sft	66,066
26	S/F in iron steel grill using solid sqaur bars and frame of flat iron patti of 3/4"x1/4" i/c circ fitted with screws are pins i/c painting 3 coat paint etc ( S.No: ) .	cle shap at	1-0 ap	aart equiva	lent	: : :		
	paint etc ( 0.140.			TOTAL	= _	1,756.40 Sft	194.16 P.Sft	341,022
27	Making Notice Board made with cement (S.I	.NO.1 P-9	5)		_			
				TOTAL	= -	1,320.00 Rft	58.11 P.Rft	76,705
28	Providing & laying tiles glazed 6" x 6" x 1/4" required colour and pattern of STILE specifi and pigment over a base of 1:2 grey cement grey cement mortor 3/4" thick in/c washing a white cement and pigment in desired shape of wax polish etc complete in/c cutting tiles t 47)	cation join and pigme and filling o with finishi	ted in w ent over If joints ing clea	hite cemer r a base of with salurr ining and c	1:2 of ost	÷		
		4,317 -	227	TOTAL	= -	4,090.26 Sft	30509.77 %, Sft	1,247.930
29	P/F false ceiling of plaster of paris, in panel in wood i/c painting with solgia paint . (S.I.No.)	i/c making 43 P-39).	frame v	work of dec	dar	•		
		•		TOTAL	= -	600.00 Sft	9150 %, Sft	54,900

ITEM OF WORK

SR#

AMQUNT

UNIT

RATE

SR#	ITEM OF WORK			QTY: ,	RATE	UNIT	AMOUNT
	P/F plaster of Paris ceiling border of 8" - 10" wide of specified d thickness including fixed besides ceiling with nails/screws with (S.I.No.44 P-39).						
	Principal office 1 x 2 x( 30.00 + 20.00 -	) TOTAL	<b>=</b> = -	80.00 Rft 80.00 Rft	104.22	P. Rft	8,338
31	P/L C C topping cement concrete 1:2:4 in/c surface finishing are into pannels pannels (S.I.No.16d P-42).	nd dividing	_				
		TOTAL	= -	24,792.00 Sft	4,411.82	%, Sft	1,093,778
	2" thick	TOTAL	= = -	23,868.84 Sft	3,275.50	%, Sft	781,824
32	Providing and fixing Aluminium sheet 6" to 9" with v-notech for joints i/c fixing with nails / screws . (S.I.No.88 P-109).	expansion		:			
		TOTAL	= _	64.00 Sft	207.51	%. Sft	133
33	P/f railing for curtain with deodar wooden patti i/c fixed in wall s complete. (S.I.No.90 P-109).	crews etc					
		TOTAL	= -	28.00 Rft	347.49	P. Rft	9,730
34	P/f window printed blinds (Horizontal / Vertical ) with plain desir approved colour i/c fixing in window with necessary accessione P-61).	•	.7				
		TOTAL	= -	224.00 Sft	347.49	%, Sft	778
35	Providing and fixing approved quality mortic look		_	· · · · · · · · · · · · · · · · · · ·			
		TOTAL	= .	4.00_ Nos	1,786.13	Each	7,145
36	Two coat of bitumen laid hot using 34 lbs for %Sft over roof and sand at one cft per %Sft (P/35-13).	d blinded w	ith				
		TOTAL	= -	23,868.84 Sft	1,887.40	%, Sft	450,501
37	P/F Ornmental cement Jali 2" thick ( 1:2:4) without steel ( S.No	: )	_	<u> </u>			
		TOTAL	= -	296.00 Sft	226.02	P. Sft	66.902
38	S/F in position Aluminium channels framing for hinged door or with 5 mm thick tinted glass glazing (Belgium) & Alpha (Japan) hangles, stoppers etc (b) Deluxe model (Bronze) (P/108-86,b)		e				
		TOTAL	= .	68.00 Sft	1507.66	P. Sft	102.521
39	Supplying & fixing inposition Aluminuim chammels froming for swindiws and ventilors of Alcop made with 5mm thick tinted glas (Belguim) & Almunium fly screen i/c handle, stoppers & locking etc complete (S.I # 84, (b), Page # 107).	s glazing	ent	:			
		TOTAL	= .	70.00 Sft	1647.69	P. Sft	115,338

	TEN OF WOOL			OTV:	DATE UNIT	AMOUNT
SR#	ITEM OF WORK			QTY: .	RATE UNIT	AMOUNT -
40	Providing Anti-termite treatment by spraying/sprinking/spre 0.50% Emulsion as an over all pre construction treatment construction along external foundation trenches of the build compolete parameter of the foundation ttrench etc as per engineer in charge. (S.I.No.91 P-109).	in slab type ding over	hler	·		
		TOTAL	Ξ.	1,014.67 Rft	40.1 P. Rft	40,688
41	Providing Anti-termite treatment by spraying/sprinking/spre 0.50% Emulsion as an over all pre construction treatment construction under the slab along attach perches or enter complete as directions of engineer in charge (S.i.No.92)	in slab type ance etc	hler			
		TOTAL	=	22,784.00 Rft	9.74 P. Rft	221,916
42	Damp proof course with cement sand Ratio (1:2) mixed withick (P/107-69,b).	ith dampo 3/4'	ı			
		TOTAL	Ξ	729.00 Sft	2,401.58 %. Sft	17.508
43	Primary coat of chalk under distemper (P-54/23)					
	GROUND FLOOR	TOTAL	=	30,401.74 Sft	442.75 %, Sft	134,604
44	Distempering 03-Coats (S.I No 24 (b), P-54)			:		
		TOTAL	=	30,401.74 Sft	1079.65 %, Sft	328,232
45	Preparing the surface and painting with MATT finish i/c rule with bathy (Sillicon carbide rubing brick) filling voids with ZINK/Chalk/plaster of paris mixture, applying first coat presurface smooth and then painting three coats with matt of etc complete (New surface) (S.No:	emix making t	he	·		
	GROUND FLOOR ( WALLS ) Net Qty: 34,974 - 2,	722 TOTAL	=	32,252.28 Sft	2499.5 %, Sft	806,146
46	French polishing complete (a) on new work, any type, includes, (S.I.No.7 P-71).	luding edges t	hree:			
	GROUND FLOOR			•		
		TOTAL	=	2,666.00 Sft	3841.75 %, Sft	102,421
47	Preparing the surface and painting weather coat i/c rubbin rubbing brick / sand paper filling voids with/Chalk/plaster painting with weather coatd of approved make etc compl (S.I.No.38 P-56).	of paris and t	hen			
		TOTAL	=	13,745.00 Sft	2567.95 %, Sft	352,965
48	Painting new surface © Preparing surface and painting windows any type (in/c edges) (I&II) 3 coats (S.I.No.5	ng of doors a 5©/I&iiC-11)	nd			
		TOTAL	=	581.00 Sft	2116.41 %, Sft	12.296

AMOUNT ITEM OF WORK P/F 3/8" thick marble tiles of approved quality and colour and shade size 8"x4"/6"x4" in dado skirting and facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints and washing the tiles with white cement slurry, currint finishing cleaning and polishing etc complete.( S,Nio: 68/ P-49 ) . TOTAL 1,842.12 Sft 342,708 186.04 P. Sft Total Rs: 35,463,389 Non-Shedule Item P/L floor Procelain tiles of size 24" x 24" x 1/4" made (White full body) fine dressed setting the tiles with grey cement slurry. Jointing and washing the 1 tiles with sulrry of white cement and pigment to match the colur of the tiles i/c curing, grinding, rubbing and chemical polishing etc complete i/c cutting tiles to proper profile (R.A). 323 P. Sft TOTAL 4,818.59 Sft 1,556.404 Provinding & Laying floor for VERONA Marble Tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4 2 thick bed of 1:2 grey cement mortor setting the tiles with grey cement sulurry, jointing & washing the tiles with sulurry of white cement & pigment to match the colour of tiles. i/c curring granding, rubbing & chemical polishing etc complete etc i/c cutting tiles to proper files. (R.A) **TOTAL** 15,517.72 Sft 310.43 P.Sft 4.817.166 providing and fixing stainless steel stair railing of grade 304 (Taiwan) using 1-1/4" dia pipe vertically @ 12" c.c 1-1/2" dia on top and 1/2" dia pipe 3 horizanaaly 9" c.c copling with stainless steel socket and bolt and stainless steel socket and bolt and stainless stell ball on top on vertical pipe & width not less than 36", polsihing etc complete (L.Q.R Already passed by Chief Engineer). **TOTAL** 401,280 88.00 Rft 4,560.00 P. Rft

Total Rs: 6,774,850

Executive Engineer

Executive Engineer

Education Works

Thatta.

Name of Work: -

(ADP # 486, OF 2016-2017 PROGRAMME) ESTABLISHMENT OF GOVERNMENT BOYS / GIRLS DEGREE COLLEGES IN SINDH @ GOVERNMENT BOYS DEGREE COLLEGE GHARO , TALLUKA MIRPUR SAKRO DISTRICT THATTA . (REMAINING WORK).

		Compound V	Vall			
SR#	ITEM OF WORK			QTY:	RATE UNIT	AMOUNT
_	Schedule Item			1		
1	Excavation in foundation of Building, Bridges and other str degebeiling dressing refiling around structure with refilling with excavaed earth Watering and ramming lead upto 5' fe soil). (S.I # 18-b p).	around structure		:		
	30пу. (О.Т.н. 10-0 ру.	TOTAL	= _	15,410.5 Cft	3176.25 %0, Cft	48.948
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage (S.i.No.4b,/P-15)	ratio 1:5:10		: :		
		TOTAL	= -	3,707 Cft	9416.28 %, Cft	349,014
3	Coursed Ruble Masonry Ratio (1:6) including Hammer Dr. & Plinth (S.I.No.2 (iv), P-27).	essing in Foundatio	n			
		TOTAL	= -	11,655.0 Cft	25321 %, Cft	2,951.163
4	R.C.C work including all labour and material except the coreinforcement and its labour for bending and binding which separately. This rate also includes all kinds of forms, mou curing, rendering and finishing the exposed surface (includes washing of shingle (a) R.C.C work in roof slab, beams, cound other structural members laid in situ or precast laid in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)	h will be paid Ids, lifting, shutterir ding screening and llumns, rafts, lintels				
		TOTAL	= -	10,198.9 Cft	337.00 P. Cft	3,437,021
5	Fabrication of Tor steel reinforcement for cement concrete bending, laying in position, making joints and fastening in wire (also includes removal of rust from bars. (S.I.No. 7(b)	cluding cost of bind	ing	:		
		TOTAL	= -	637.43 Cwt	5,001.70 P.Cwt	3,188,232
6	P/L 1:3:6 cement concrete solid block masonary wall 6" a in 1:6 cement mortor in G.Floor Super structure in/c racki curing etc complete (S.I.NO.23/P-19)		et			
		TOTAL	= -	10,845.6 Cft	14621.44 %, Cft	1,585,787
. 7	Making & Fixing steel grated doors with 1/16" thick sheeti frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre arrangement (S.I.No.24 P-92)					
	anangoman (cvo.211 c.2)	TOTAL	=	192.00 Sft	726.72 P.Sft	139.530
8	Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.		-	40.050.00.00	0.000.00 % 0#	000 157
		TOTAL	= -	40,250.00_Sft	2,206.60 %, Sft	888,157
9	Cement Pointing flush stone work in cement mortor1:3 (S	i.I.No.20-cii P-53)				
		TOTAL	= [	41,650.00 Sft	1758.08 %, Sft	732,240

SR#	ITEM OF WORK		[	QTY:	RATE	UN:T	AMCUNT :
10	Making & Fixing steel grated doors with 1/16" thick sheeti frame 2" x <sub>.</sub> 2" 3/8 and 3/4" square bars 4" centre to centre arrangement (S.I.No.24 P-92)		#	192 Sft	726.72	P.Sft	139,530
11	P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or w floor and pattern of stile specification jointed in white ceme a base of 1:2 grey cement mortor 3/4" thick in/c washing a slurry of white cement and pigment in desired shape with cost of wax polish etc complete in/c cutting tiles to proper 48)	ent and pigment o and filling of joints finishing cleaning profile (S.I.No.61	ver with and				
		TOTAL	=	407.50 Sft	47651.56	%, Sft	194,180
12	Primary coat of chalk under distemper. (S.I.No.23,P.54).	TOTAL	=	40,250.00 Sft	442.75	5 %, Sft	178,207
13	Distempering 03-Coats (S.I No 24 (b), P-54)						
, 0		TOTAL	=	40,250.00 Sft	1079.65	%, Sft	434,559
14	Painting new surface © preparing surface and painting gubars grating railing (in/c standard bracess etc) & similar of (S.I.No.5d P-76)	•	ron				
	(0.1510.00 F-70)	TOTAL	=	240,00 Sft	1270.83	%, Sft	1,220

Total Rs: 14,218.840

Executive Engineer Education Works . Division Thatta.



GOVERNMENT OF SINDH
EDUCATION & LITERACY DEPARTMENT
Karachi, date the 28-04-2015

## **NOTIFICATION**

O.SO(G) EDU/E&A/PRO-EW/14-15: In pursuance of Rule – 7 of the Sindh Public Procurement Rules, .010, a Departmental Procurement Committee comprising of following Officers for procurement of works for various Educational Institutes / Offices / Line Departments working under Administrative Control of Education & Literacy Department to be procured under ADP / Regular Budget / SNE of Education Department is constituted as under:-

Executive Engineer (Education Works)
 Concerned Education Works Division
 Education & Literacy Department

Chairman

2. Assistant Engineer
Local Government Public Health Engineering Department

Member

3. Assistant Engineer (Education Works) of Headquarter Concerned Education Works sub Division Education & Literacy Department

Member

### ToRs

• Preparing bidding documents;

• Carrying out technical as well as financial evaluation of the bids;

Preparing evaluation report as provided in Rule 45 of SPPRA 2010;

Making recommendations for the award of contract to the competent authority; and

• Perform any other function ancillary and incidental to the above.

- DR. FAZLULLAH PECHUHO -SECRETARY TO GOVT. OF SINDH

.SU(G) EDU/E&A/PRO-EW/14-15:

Karachi, date the 28<sup>th</sup> May, 2015

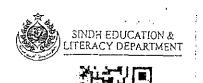
A copy is forwarded for information & necessary action to:-

- 1. All Members of the Committee.
- 2. The P.S. to Senior Minister, Education & Literacy Department, Govt. of Sindh, Karachi.

3. The P.S to Secretary, Education & Literacy Department.

4. The P.S to Secretary, Local Government Public Health Engineering Department.

5. Office Order File-



DEPUTY SECRETARY (GA)

# **NOTIFICATION**

SO(G) EDU/E&A/PRO-EW(CRC)/14-15: In pursuance of Rule – 31 of the Sindh Public Procurement es, 2010 a Departmental Complaint Redressal Committee comprising of following Officers is stituted as under to resolve complaint's of aggrieved bidders:-

1. Superintendent Engineer (Education Works) of concerned Education Works Circle Education & Literacy Department

Chairman

2. Representative of District Account Officer / Accountant General, Sindh

Member

Representative of Head of procuring Agency (Professional from relevant field concerning)

Member

### ToRs

3.

- To perform according to Rule 31 of SPPRA, 2010;
- Perform any other function ancillary and incidental to the above.

# SECRETARY EDUCATION TO GOVT. OF SINDH

GO(G) EDU/E&A/PRO-EW(CRC)/14-15:

Karachi, date the 28th May, 2015

A copy is forwarded for information & necessary action to:-

All Members of the Committee.

The P.S to Secretary, Education & Literacy Department.

Office Order File

DEPUTY SECRETARY

SINDH EDUCATION & LITERACY DEPARTMENT



# EDUCATION WORKS DIVISION THATTA ANNUAL PROCUREMENT PLAN FOR THE YEAR 2017-2018

		ANNU	ANNUAL PROCUREMENT PLAN FOR	AENT PLAN T			O Brown Commence of the Commen	Romarks	
744					the firmula	proposed	Timing of Productives		
15	Sive Description of Procurement	Quantity (Where applicable)	Estimated Unit cost (Where applicable Million)	Funds allocated in Millions	Source of funds (ADPs Non ADPs)	Procurement Method	1.1.Qr 2nd Ott 3rd Ott		
表表								manufacture of the second seco	
	ADP # 245, OF 2017-18 UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA (05, UNITS).						Transfer of the second		
11.	Caps SOMWAR		8.00						
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E.			8 395						
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w,			7.950		ΔDP	Single Stage one envelope	Bids will be invited as per allocation/release of funds.	10 3.601	
1			40.690	40.690					
	(ADP No. 486) OF 2016-17 Programme) Establishment Of Governemnt Boys / Girls Degree Colleges In Sindh @ Government Boys Degree College Gharo, Tatuka Mirpur Salvo District Thatta, (R / Work)		056 89	056 89		To the state of th	The second secon	2000 100 100 100 100 100 100 100 100 100	
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EXECUTIVE ENGINEER
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THATTA

# EDUCATION WORKS DIVISION THATTA ANNUAL PROCUREMENT PLAN FOR THE YEAR 2017-2018

Funds allocated in Source of funds Proposed Timing of Procurements Rei Anilions (ADPs Non ADPs) Procurement Method 1st Qtr 3sd Qtr 4th Qtr	ADP # 245, OF 2017-18 UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA (05, LANTS).	8.00	2 GBPS WALL MUHANIMAN SHORO 8.385	GGPS KETIBLIADER 8 395	4 GGPS PIR PATHO 7 960	5 GRPS ANWER JAMARI	40.690	(ADP No: 486) CF 2016-17 Programme) Establishment Of Government Boys / Girls Degree Colleges In Sindh @ Covernment Boys Degree College Gharo, Taluka Mirpur Salvo District Thatta, (R / Work)
Timing of Procurements  2nd Otr 3rd Otr 4th Otr		The second secon	Angular accidentes	and it property to the state of		ADP Single State	<b>2</b>	Ş
٥	han en					Bids will be invited as per allocation/frelease of funds.		
Remarks						 5		

EXECUTIVE ENGINEER
FOUCATION WORKS DIVISION
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# EDUCATION WORKS DIVISION THATTA ANNUAL PROCUREMENT PLAN FOR THE YEAR 2017-2018

Timing of Procurements Remarks 1910te 2nd 3rd 3rd 3rd 3rd 4m Gtr 8m Gtr 8m Gtr 8m Gtr 8m Gtr 8m Gtr 9m Gtr

EXECUTIVE ENGINEER
FOUCATION WORKS DIVISION
THATTA