Proposed Estimate for Construction of Watch Tower at Uliara of Bhora Beat of Radhanagar Range Head of Service :-2406-01-102-SP-026-50-00-V

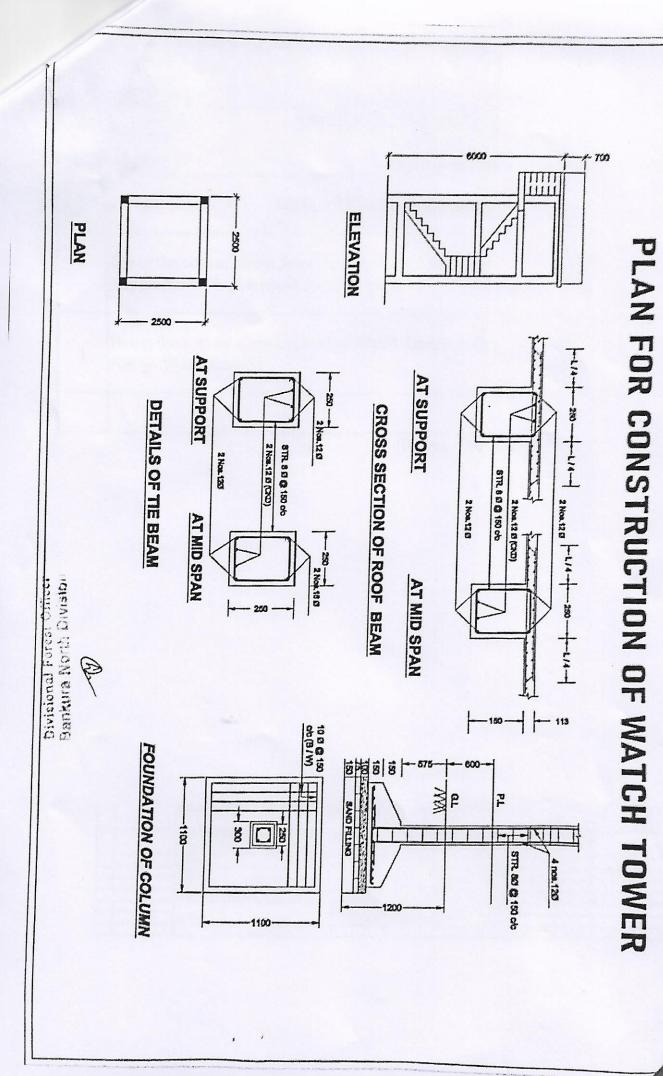
AS DOS PILLE	2000		
TIS PEL FIEL	SOR wef 01.11.201	I with up to dat	P corrigondum
		ob to out	- comigenound

	I. PV	D Sch.	As per PW	JSUR	we	f 01.1	1.201	7 wit	h up to	date c	orrigen	dum				
No	o. Page	fitem No	Description of Items				0. 1	ngth M)	(M)	Depth (M)	Quanti	To Quar		Unit	Rate (Rs.)	Am (F
	T		6.4		1	. BUII	LDING	3 WO	RKS			-				
1	Page It N	No-1	Surface dresing of brown in any kind of removing vegittation inequalities no ex- depth and disposal of rubbish within a meter as Direcetd.				3.6	000	3.000	-	9.000					
			Earth work in excavation of foundation	n trent	hae	0.5						9.00	0	Sqm	10.00	
2	Page It No.		excluding laterite or sandstone) includ spreading or stacking the spoils within m. as directed. The item include trimming the sides of trenches, level and ramming the bottom, balling o required complete.	nixed sing rem i a lead is necling, dri out wat	soil novid of essa essi essi	but ng. 75 ary										
			(a) Depth of excavation not exceeding 1	,500 m	m.			+	-				-			
4			or Column foundation			4	1.20	_	-							
7			A) Filling in foundation				1.20	+	1.20	1.20	6.912	0.040				
3	Page N It No	10 - 2 4(a) s	A) Filling in foundation or plinth by sil ayers not exceeding 150 mm as di onsolidating the same by thorough sat ater, ramming complete including to upply of sand. (payment to be easurement of finished quantity) () Do - by fine sand	irected luration	with							6.912	76 (Cum	11927.00	8.
Ţ		F	DUNDATION					工					-			
+		1/	3 rd of total excavation			\vdash		+	+	-	204					
1	Page No It No	- 11110	ngle Brick Flat Soling of picked jha duding ramming and dressing bed to pi d filling joints with local sand.	ma bri oper le	cks					2	304	2.304	% Cu	ım 3	7521.00	86-
+			UNDATION		-	-			-							
+		100	umn			4	1.20	1.2	0 -	5.7	60					
P	age No - lo 22(ii	34 Cer gra	nent concrete 6:3:1 with 32mm down gr vel	aded	+	+				+		.760	Sqm	+	294.00	1,693
		FOL	INDATION		+											
		Colu	mn		+	4 1	.20	1.20	0.10	0 05						
		+			I			1,20	0.10	0 0.5		576	Cu.M.	-		
Pa:	ge No - 2 No 10(i	shutt as p		xcludin	9								Out, vic	32	55.00	1,874.1
		Do	nn footing		4	-		1.200	0.150	0.864	1					
		Do			4	0.60		0.600	0.300	0.432					-	
		Tie Be	am		8	2.50	_	.250	7.000			$-\Gamma$				
		Stair			15	2.50	0 2	.500	0.100	0.625					_	
		Landin	,		3	0.90	-	.250	0.150		_1					
			-		3				0.100	0.008		-	\dashv			
				-							6.27	B Cu	.M.	4888	.00 30	,686.86
age No.		stout pr thickness beams including complet	d labour charges for shuttering with cen- cessary staging upto 4 m using app- ops and thick hard wood planks of app- is with required bracing for concrete s- and columns, lintels curved or str of fitting, fixing and striking out on of works (upto roof of ground floor)	roved roved slabs, raight after												
age No.	- 36 (a)	stout pr thickness beams including complet (a) 25 m	ops and thick hard wood planks of app. swith required bracing for concrete sand columns, lintels curved or straining, fixing and striking out on of works (upto roof of ground floor)	roved roved slabs, raight after												
age No.	- 36 (a)	stout pr thickness beams including complet (a) 25 m decision	ops and thick hard wood planks of applicable to the columns, lintels curved or still fitting fixing and curved or still fix	roved roved slabs, raight after												
age No.	-36 (a)	stout prithickness beams including complet (a) 25 m decision Column	ops and thick hard wood planks of app, with required bracing for concrete s and columns, lintels curved or str. fitting, fixing and striking out on of works (upto roof of ground floor) or to 30 mm thick wooden shuttering as & direction of Engineer-In-Charge.	roved roved slabs, raight after	-	7.000	1.00		- 2	28 000						
age No.	-36 (a)	stout pri thickness beams including complet (a) 25 m decision Column Fie Beam	ops and thick hard wood planks of app, with required bracing for concrete s and columns, lintels curved or str. fitting, fixing and striking out on of works (upto roof of ground floor) or to 30 mm thick wooden shuttering as & direction of Engineer-In-Charge.	roved roved slabs, raight after	工	0.500	0.25	50	-	1.000						
age No.	-36 (a)	stout prithickness beams including complet (a) 25 m decision Column	ops and thick hard wood planks of app, with required bracing for concrete s and columns, lintels curved or str. fitting, fixing and striking out on of works (upto roof of ground floor) or to 30 mm thick wooden shuttering as & direction of Engineer-In-Charge.	roved roved slabs, raight after s per 4 8 1	5 1	0.500 2.500 0.900		00	- (
age No.	-36 (a)	stout pri thickness beams including complet (a) 25 m decision Column Fie Beam	ops and thick hard wood planks of app, with required bracing for concrete s and columns, lintels curved or str. fitting, fixing and striking out on of works (upto roof of ground floor) or to 30 mm thick wooden shuttering as & direction of Engineer-In-Charge.	roved roved slabs, raight after	5 !	0.500 2.500	0.25 2.50	i0 0 0	- (c)	1.000 6.250						

4	Page /ite	ich. m No	r - on or items		No	Leng (M			Depth (M)	Quantity	Total Quantity	Unit	Rate (Rs.)	Amou (Rs.
8	Page No 4 (2nd corrigen date 18.04.2	IO(a) I dum d	Reinforcement for reinforced concrete wo sorts of structures including distribution stirrups, binders (et initial straightening and of loose rust (if necessary), cutting to length, hooking and bending to correct placing in proper position and binding with this black annealed wire at every intersection, cas per drawing and direction.	remov requisi shap	al te e,								(1337)	(13.
			(a) For works in foundation, basement and u of ground floor/upto 4 m	pto roo										
	 		(i) Tor steel/Mild Steel					士						
9	Page No It No	- 15 8	I. SAIL/ TATA/RINL Brick work with 1st class bricks in cement (1;6)	morta	1	0	1.5%	of R.C	C.C.		0.739	M.T.	71269.00	52,66
	_	_	(b) In superstructure, ground floor					士				-		
		-	Parapet wall		4	2.500	0.25	0 0,	900	2.250	Agra	~		
10	Page No It No	16	125 mm thick brick work with 1st class brick coment morter (1:4) in ground floor	s and							2 250	Cu.M	4728.00	10,63
			Side Wall of stair		6	1.500	0.900	2		8.100				
11	Page No It No	3 f	Supplying and laying Polythene Sheet (15 sq.m.) over damp proof course or below ooring or roof terracing or in foundation or outdation trenches.			***************************************					8.100	Sq.m	625.00	5,06
		C	olumn	_	4	7.000	1.000	+-	12	8.000				
\dashv		-	ie Beam oof		8	0.500	0.250	1 -	1	.000				
			tair			2.500 0.900	2,500 0.150	-		.025				
						1.500	0.900			.050		-+		
-		L	anding		3	0,900	0.900	·		.430	3.755			
2	It No 6	ce	unding off corners including raking out joint ighening of concrete surface and application ment sturry before flooring works using cemer	n of										
		lab	5 kg/sq.m all complete including all materials our. (3rd Corrigendum dated 04.06.2018)	anu										
1		lab	5 kg/sq.m all complete including all materials our. (3rd Corrigendum dated 04.05.2018)	and										
1		25 Roc	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab		-	500	-	2.500	-	250				
 		25 Roo	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab	1	5 0.	900	- 1	0.400	5.4	100				
		25 Roo Sta Lan	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab ir	1 3	5 0.		- 1	***************************************	5.4	30	080 S	a.M	250.00	3.600
Pa	age No - 189 It No, - 1	25 Roor Sta Lan Plas cem corm throis scaff	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab ir ding ter (to wall, floor, ceiling etc.) with sand a ent montar including rounding off or chamfen ers as directed and raking out joints includi ating, nosing and drip cours folding/staging where necessary (Grou I,Excluding cost of chipping over concre	11 3	5 0.	900	- 1	0.400	5.4	30	080 S	q. M	260 00	3,660.8
Pa		25 Roor Sta Lan Plas cerritorio scaffiloor surfa	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab ir ding ter (to wall, floor, ceiling etc.) with sand a ent mortar including rounding off or chamfen ers as directed and raking out joints includi ating, nosing and drip cours olding/staging where necessary (Grou b.[Excluding cost of chipping over concre ice]	11 3	5 0.	900	- 1	0.400	5.4	30	080 S	q. M	260.00	3,660.8
Pa		Plas cern throi surfa (ii) W (b) 1.	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab ir ding ster (to wall, floor, ceiling etc.) with sand a ent mortar including rounding off or chamfen ers as directed and raking out joints includi ating, nosing and drip cours olding/staging where necessary (Grou n.[Excluding cost of chipping over concre ice] fifth 1:4 cement mortar (Inside Plaster) firm thick plaster in outside wall	11 3	5 0.	900		0.400	5.4	14.	080 S	q.M	250.00	3,660.8
Pa		Plas cern thro: scaff floor, surfa	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab ir ding ster (to wall, floor, ceiling etc.) with sand a ent mortar including rounding off or chamfen ers as directed and raking out joints includi ating, nosing and drip cours folding/staging where necessary (Grou LExcluding cost of chipping over concre (ce) fith 1:4 cement mortar (Inside Plaster) 5 mm thick plaster In outside wall mn	11 3 3 and ding ing ing ing ing ing ing ing ing ing	1.0 2.5	900	- 7	0.400	5.4	30 14.	080 S	q. M	250.00	3,660.8
Pa		25 Roor Sta Lan Lan Corn thro. scaff floor, surface (ii) W (b) 1. Colum Bean Side	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab ir ding ster (to wall, floor, ceiling etc.) with sand a ent mortar including rounding off or chamfen ers as directed and raking out joints includi ating, nosing and drip cours olding/staging where necessary (Grou n.[Excluding cost of chipping over concre ice] fifth 1:4 cement mortar (Inside Plaster) firm thick plaster in outside wall	11 3 3 and ing	1.0 2.5 1.5	900 900 900 00 00	- 7 - 1 - 0	0.400 0.900 .000 .000	28.0 20.0 16.2	000 144. 000 000 000 000 000	080 \$	q. M	250.00	3,660.8
Pa		Plass Communication of the com	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab ir ding titer (to wall, floor, ceiling etc.) with sand a ent mortar including rounding off or chamfer ers as directed and raking out joints includi ating, nosing and drip cours folding/staging where necessary (Grou [Excluding cost of chipping over concre ce] fith 1:4 cement mortar (Inside Plaster) 5 mm thick plaster In outside wall mn Wall of stair	11 3 3 and ing	1.0 2.5	900 900 900 00 00	- 7 - 1 - 0	0.400	28.0 20.0	000 144. 000 000 000 000 000 000 000 000 000 00				
Pag	It No 1	25 Root State Lan Plas cerm corm throat scaff floor surface (ii) W (b) 1. Columb Bean Side Parap	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab ir ding ster (to wall, floor, ceiling etc.) with sand a ent mortar including rounding off or chamfen ers as directed and raking out joints includi ating, nosing and drip cours folding/staging where necessary (Grou LExcluding cost of chipping over concre (ce) fith 1:4 cement mortar (Inside Plaster) 5 mm thick plaster In outside wall mn Wall of stair	11 3 3 and ing	1.0 2.5 1.5	900 900 900 00 00	- 7 - 1 - 0	0.400 0.900 .000 .000	28.0 20.0 16.2	000 144. 000 000 000 000 000		q. M	260.00	
Pag	It No 1	25 Root State Lan Plas cerm corm throat scaff floor surface (ii) W (b) 1. Columb Bean Side Parap	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab if ding ster (to wall, floor, ceiling etc.) with sand a ent mortar including rounding off or chamfen ers as directed and raking out joints includi ating, nosing and drip cours olding/staging where necessary (Grou n.[Excluding cost of chipping over concre ice] fifth 1:4 cement mortar (Inside Plaster) fmm thick plaster in outside wall hin Wall of stair wet Wall cement punning about 1.5mm thick in wal window sill,floor etc. :Cement 0.152 cu.m per100 sq.m.	11 3 3 and ing	1.00 2.55 1.50 2.50	900	- 7 - 1 - 0	0.4000 0.900 (.000 .000 .900 900	28.0 20.0 16.2 18.00	000 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14.				
Page	ge No - 192 No 15	25 Root Sta Lan Plas Corm throat safe floor, safe floor, suffe dado, NOTE Neat dado, NOTE Columbration of the safe floor and th	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab if ding ster (to wall, floor, ceiling etc.) with sand a ent mortar including rounding off or chamfen ers as directed and raking out joints includi ating, nosing and drip cours olding/staging where necessary (Grou n.[Excluding cost of chipping over concre ice] fifth 1:4 cement mortar (Inside Plaster) fmm thick plaster in outside wall hin Wall of stair wet Wall cement punning about 1.5mm thick in wal window sill,floor etc. :Cement 0.152 cu.m per100 sq.m.	1 1 3 3 and	1.0 2.5 1.5	900	- 7 - 1 - 0	0.400 0.900 .000 .000	28.0 20.0 16.2	000 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14.	00 Sq	. м		
Page	ge No - 192 No 15	25 Root Sta Lan Plas cerm throat surface (ii) W (b) 1. Colum Bean Side Parap Neat dado, NOTE Outside Applying quality old or a sexture surface surface pecific	our. (3rd Corrigendum dated 04.06.2018) mm thick of Slab ir ding ster (to wall, floor, ceiling etc.) with sand a ent mortar including rounding off or chamfer ers as directed and raking out joints includi ating, nosing and drip cours olding/staging where necessary (Grou L[Excluding cost of chipping over concre cce] fifth 1:4 cement mortar (Inside Plaster) fifth 1:4 cement mortar (Inside Plaster) fifth 1:4 cement mortar (Inside wall nn Wall of stair vet Wall cement punning about 1.5mm thick in wal window sill,floor etc. Cement 0.152 cu.m per100 sq m. e ng Exterior grade Acrylic primer of approved and brand on plastered or cencrete surface enew surface to receive decorative d(matt finish) or smooth finish acrylic exterior on paint including scraping and preparing the throughly, complete as per manufacturer's	11 3 3 and a see, and a see a	1.0 2.5 1.5 2.5 2.5	900	- 77 - 11 - 00	0.400 0.900 0.000 0.000 900 900	28.0 20.0 16.2 18.0 3.66	000 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14.	00 Sq.	. м	150.00	12,330.00

SI. No.	PWD Sch. Page /item No	Description of items	Description of Items No. Length Width Depth Quantity Unit							Rate	Amount
				(M)	(M)	(M)		Quantity		(Rs.)	(Rs.)
16	It No 17	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific Instruction of Superintending Engineer) (Two coats) j) Standard Quelity		d							
		7 Clanda duality	(S	ame as iter	n no 20 b	Plastere	d Area)	82.200	Sq.M	67.00	5,507.40
-											
		Total	for /	A. Buildi	ng Wor	ks	L				1,44,827.68
		Add GST @ 12	%							Rs.	17,379.32
		Total including G								Rs.	1,62,207.00
		Add Labour Cess @								Rs.	1,622,07
		Add Contingencies (Rs	4,866.21
		Total Estimated V	alue							Rs.	1,68,695.28

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Proposed Estimate for Construction of Aatchala at Sonamukhi Range Head of Service :-2406-01-789-SP-011-50-00-V

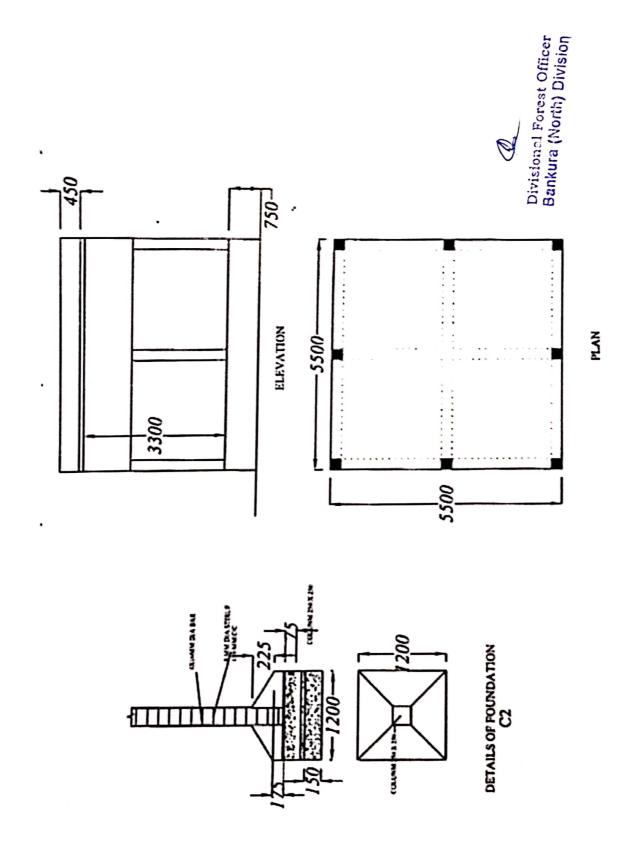
As per PWD SOR wef 01.11.2017 with up to date corrigendum

	As per PWD SOR	wei	01.11.20	17 11/6/	up to	4410 007				
SI. No.	Description of Items	No.	Length (M)	Width (M)	Depth (M)	Quantity	Total Quantity	Unit	Rate (Rs.)	Amount (Rs.)
_		A	. BUILDI	NG WO	RKS					
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and									
	ramming the bottom, bailing out water as required complete.									
	(a) Depth of excavation not exceeding 1,500 mm.				100	11.670				
	For Column foundation	2	1.20 5.25	0.25	0.30	14.976 0.788				
_	Tie Beam Tie Beam	2	4.75	0.25	0.30	0.713				
_	Steps	2	5.50	1.00	0.30	3.300				
_	O(C)S						19.777	% Cum	11927.00	2,358.80
2	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)								,	
	(B) Do - by fine sand	_		-	_					
	FOUNDATION	-		_		6.592				
	1/3 rd of total excavation	8	1.20	1.20	0.15	1.728				
_	For Column foundation Tie Beam	2	5.25	0.25	0.10	0.263				
	Tie Beam	2	4.75	0.25	0.10	0.238				
	Steps	2	5.50	1.00	0.10	1.100				
_	Plinth	1	5.00	5.00	0.60	15.000				
_							24.921	% Cum	37521.00	9,350.73
3	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.									
_	Column	8	1.200	1.200	-	11.520				
_	Tie Beam	1	5.250	0.250	-	1.313				200.00
_							12.833	Sqm	25.00	320.83
4	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.									
	FOUNDATION	ļ.,	5.00	5.00	 -	25.000				
	Floor	1	5.00	5.00	 -	23.000	25.000	Sqm	293.00	7,325.00
5	Cement concrete 4:2:1 with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor									
\vdash	FOUNDATION	_			0.075	0.004				
	Column	8	1.20	1.20	0.075	_		-		
	Floor	2	5.50	5.50	0.070	4.235	5.099	Cu.M.	5228.14	26,658.29
6	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. Local variety crasher broken.	3				0.010				
\vdash	Column footing	8	1.200	1.200	+	-				
\vdash	Do	8	0.700	0.700	+	_			-	
	Do	8	0.250	0.250			-	 		
	Tie Beam	2	5.250	0.250	_			1		
		2	4.750 5.250	0.250	_	_	1	1		
	Lintel	2	4.750	0.250	_	_	1			
_		2	5.250	0 250	-					
 	Wall Beam	2	4.750	0.250	_	_			1	
-	Poof	1	5.500	5.500		_				
-	Roof	4	5.950	0.450	-	0.803				
_	Chaja	1		T	1		12.900	Cu.M.	5825.01	75,142.6

SI. No.	Description of Items	No.	Length (M)	Width (M)	Depth (M)	Quantity	Total Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	200 mm thick Brick work with fly ash bricks in cement mortar (1:6)									
Ī	a)In foundation and plinth									
	Wall	4	4.750	0.230	0.600	2.622				
7 [2	5.500	0.250	0.300	0.825				
		2	5.500	0.250	0.150	0.413				
-		2	5.500	0.250	0.150	0.413				
- }		2	5.500	0.250	0.150	0.411				
\dashv		Н			_		4.684	Cu.M	4533.00	21,234.16
	100 mm thick Brick work with fly ash bricks in cement									
	mortar (1:6) Above Lintel	\vdash								
١	Wall	4	4.750		0.650	12.350				
		4	5.500		0.450	9.900				11 702 50
							22.250	Cu.M	526.00	11,703.50
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)									
_	(a) 25 mm to 30 mm thick wooden shuttering as pe	\vdash								
	decision & direction of Engineer-In-Charge.	8	4.300	0.175	 -	6.020				
<u> </u>	Column	8	1.000	3.900	-	31.200				
\vdash	Tie Beam	2	5.250	0.250	-	2.625				
┝	Tie Beatti	2	4.750	0.350	-	3.325				
\vdash		2	5.250	0.150	-	1.575				
\vdash		2	4.750	0.150	-	1.425				
\vdash		2	5.250	0.200	-	2.100				
		2	4.750	0.200	-	1.900	55.870	Sq.m	203.00	11,341.61
		4	4.750	0.300	-	5.700	33.870	Sq.m	200.00	
L		1	5.000	5.000	-	25.000				
_	Roof	4	5.950	0.450		10.710				
\vdash		┿					35.710	Sq.m	321.00	11,462.91
10	Reinforcement for reinforced concrete work in a sorts of structures including distribution bars, stirrups binders etc initial straightening and removal of loos rust (if necessary), cutting to requisite length, hooking to correct shape, placing in prope position and binding with 16 gauge black anneale wire at every intersection, complete as per drawing and direction.	6 9 0 0 0								
	(a) For works in foundation, basement and upto roo	of								
_	of ground floor/upto 4 m (i) Tor steel/Mild Steel	+	 	+	+=					
_	(i) Tor steel/Mild Steel I. SAIL/ TATA/RINL	+	(0	1.2% 0	R.C.C.		1.215	M.T.	55629.00	67,589.24
\vdash	I. O/AB 1747 VIAILE	\top								
11	Plaster (to wall, floor, ceiling etc.) with sand an cement mortar including rounding off or chamferin corners as directed and raking out joints includin throating, nosing and drip course, scaffolding/stagin where necessary (Ground floor).[Excluding cost of chipping over concrete surface]	9 9 9								
	c) 10mm thick plaster					05.000	-		-	
	Ceilling	11	5.000	-	5.000	25.000	25.000	Sq. M	121.00	3,025.00
		+	+	-	+-	+	20.000	1 34		
	(ii) With 1:6 cement mortar (Inside Plaster)	+	+	+	+	+				
	(b) 15 mm thick plaster in outside wall	+	22.000	<u> </u>	1.000	22.000				
_	Out side	1	22.000	_	0.900	_	_			
_	Inside	4	5.500	_	0.450	_	_			
	Parapet	8	5.950	_	0.450		_	1		
	Chajja	+ °	5.500	_	1.500	_	_			
_	Steps						89.620		133.00	11,919.46

SI. No.	Description of Items	No.	Length (M)	Width (M)	Depth (M)	Quantity	Total Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	Neat cement punning about 1.5mm thick in wall, dado, window sill,floor etc. NOTE:Cement 0.152 cu.m per100 sq.m.									
	Outside	2	5.50	-	0.750	8.250				
		2	5.50	-	1.500	16.500				841.50
							24.750	Sq. M	34.00	841.50
13	Applying cement based Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) (Two coats)									
	i) Standard Quality		Same as ite	em no 11	Plastered	1 Area)	114.620	Sq.M	49.00	5,616.38
14	Supplying and fitting fixing marble slab 15 to 18 mm in floor with cement mortar 1:2									
	With makrana pink									
	Floor	1	5.500	-	5.500	30.250	30.250	Sq. M	1443.00	43,650.75
		_					30.250	Oq. W	7,1,1	
		<u> </u>		10/-						3,09,540.79
			A. Buildi	ng wo	KS				Rs.	37,144.89
	Add G								Rs.	3,46,685.68
	Add Labou								Rs.	3,466.86
	Total Esti			-					Rs.	3,50,152.54
	Total Esti								(Say) Rs.	3,50,000.00

Rupees Three Lakh Fifty Thousand Only



ANNEXURE - A

8. Other Expenditure Economic Rehabilitation of Fringe Population . Estimate for Supply of Agricultural Implements

Head of Service :- 2406-01-796-SP-022-50-00-V

As per PWD SOR wef 01.11.2017

SI.No.	1 ditiodidis	Qnty	Unit	Rate	Total Amount
1	MAYUR brand 24" Doubble Gear Paddle Thresher C I Thali fitted with 24 nos MS Channel (FMTTI) including all taxes	1	No	8,000.00	8,000.00
	For 16 Nos Paddy Thresher				1,28,000.00

Rupees One Lakh Twenty Eight Thousand Only

ESTIMATE FOR PROTECTION & CONTROL OPERATION FOR WILD LIFE MITIGATION IN UNDER H/S 2406-02-796-SP-008-ELEPHANT CONSERVATION- 50-00-V BANKURA (NORTH) DIVISION

ESTIMATE FOR SUPPLY OF CROP PROTECTION EQUIPMENTS] [ANNEXURE A]

	'n	-	NO.
	Cost of supply of crop protection equipment	Being cost of supply of items for protection & control operation for wildlife mitigation at Barjora, Beliatore, Sonamukhi, Radhanagar, Patrasayer, G.Ghati, Mejhia & Bankura (North) Range in Bankura (North) Division.	DESCRIPTATION OF ITEM
	9514		QUANTITY
	Nos.		UNIT
Total	50	2	RATE(Rs.)
4,75,700.00	4,75,700.00		AMOUNT

[Rupees Four lakh seventy five thousand seven hundred only]

ESTIMATE FOR PROTECTION & CONTROL OPERATION FOR WILD LIFE MITIGATION IN BANKURA (NORTH) DIVISION

UNDER H/S 2406-02-796-SP-008-ELEPHANT CONSERVATION- 50-O0-V

ESTIMATE FOR SUPPLY OFCROP PROTECTION MATERIALS [ANNEXURE B]

Total 4,73,800.00	Total				
4,73,800.00	40	Ltr.	11845	Cost of Supply Crop protection materials	a.
				Being the cost of supply of items for protection & control operation for wildlife mitigation at Barjora, Beliatore, Sonamukhi, Radhanagar, Patrasayer, G.Ghati, Mejhia & Bankura (North) Range in Bankura	-
AMOUNT	RATE(Rs.)	UNIT	QUANTITY	DESCRIPTATION OF ITEM	NO.

[Rupees Four lakh seventy three thousand eight hundred only]

1. Development of Forest Communication

Estimate for Construction of Concrete Road at Lokpur under Bankura (North) Range

Head of Service :- 2406-01-070-SP-001-50-00-V

As per PWD SOR wef 01.11.2017

	AS per PWD SOR Wei 01.11.2017	100	WET AND REPORTS		Caratras successive
SI		Quantity	Unit	Rate	Amount
1	Box cutting in road embankment and construction of sub - grade in all sorts of soil including spreading the spoils properly over the flank as necessary or on brem to approximate grade & camber and rolling the sub grade with power roller to proper camber & grade as per direction and satisfaction of Engineer-in-charge including uprooting & removing plants and jungles when & where necessary (a) depth above 150 mm and upto 300 mm)	f			
	Page No - 238/ Item no 3.16(A) of PW R & B 61.01 X 3.00 = 183.03 sqm	183.03	Sqm	33.40	6113.20
2	Supplying, spreading and compacting fine Sand to required thickness, in layers not exceeding 150 mm to proper gradient and camber, inundating each layer by water and packing and ramming layer by layer to achieve desired compaction, including lighting, guarding, barricading and making adequate arthen bundh where neccessary, curing with water as per direction, mending cracks and depressions by ramming wherever necessary.				
	Page No - 244/ Item no 4.05 of PW R & B 61.01 X 3.00 X 0.150 = 27.45 cum	27.45	Cum	664.10	18229.55
3	Supplying and laying polytheen sheet (150 gm/sqm) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.				
	Page No - 47/ Item no 3 of PW Building 61.01 X 3.00 = 183.03 sqm	183.03	Sqm	24.00	4392.72
4	Providing form work and staging inclduing hire and labour charges for the same as required for foundation concrete wroks of depth not exceeding 500 mm. and for concrete works in vertical faces of parapet kerb, road kerb, cable tray, cable tray cover, rail post so as to give good concrete finish including stripping off and removing after completion of work as per specification. Page No - 42/ Item no 36(b) of PW Building 2.00 X 61.01 X 0.150 = 18.30 sqm	18.30	Cum	214.00	3916.20
5	oviding & Laying cement concrete with or without reinforcements if any part of foundation/sub structure/super structure or bridge /culverts with graded stone chips/gravels/bajree of specified nominal sizes including screening & cleaning of coarse aggregates and sand, cost of curing with water including cost and cariage of all materials but excluding cost of form work and reinforcement works complete. (1:2:4 concrete) Analysis rate attached 61.01 X 3.00 X 0.150 = 27.45 cum Providing expansion joints in concrete pavement including supplying/placing	27.45	Cum	5021.23	137832.76
	25 mm thick and 150 mm wide thermocal strip including filling the joints				
	Page No - 332/ Item no 18.7(a) of PW R & B 20.34 X 3.00 = 61.01 Mtr	61.01	Mtr	20.00	1220.20
	20.34 X 3.00 = 61.01 Mtr Total cost of Construction Work	01.01	1910	Rs.	1,71,704.63
	Add GST @ 12%			Rs.	20,604.56
	Total			Rs.	1,92,309.19
	Add Labour welfare cess @ 1%			Rs.	1,923.09
	Add Contingency @ 3%			Rs.	5,769.28
- Marc	GRAND TOTAL	Name of the last o		Rs.	2,00,001.55
	Or Say			Rs.	2,00,000.00

(Rupees Two Lakhs Only)

Construction of Concrete Road

	PCC 1:2:4	Thick-0.150 mm	Polythene sheet
	Sand filli	ng - 0.150 mm	
all the second s	31	000 mm	

Cross Section

1. Development of Forest Communication

Estimate for construction of Drainage System at Lokpur under Bankura (North) Range

Head of Service :- 2406-01-070-SP-001-50-00-V

SI.	PWD Sch. Rate Page	Particulars of Work	Unit	Vol/Qty	Rate	Amount
No	no. & Item No	Farth work in excavation of foundation trenches or drains, in				
1	P-1/2(a)	all sorts of soil (including mixed soil but excluding laterite or ndstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom,bailing out water as required complete.a) Depth of excavation not exceeding 1,500 mm.	er e e			
		37.50 m x 1.100 m x 0.900 m	% Cum	37.125	11927.00	4,427.90
2	Page No.2 It. 4(B)	Sand filling in foundation trenches and at the back of abutmants, wing walls etc. with good local sand free from earth in layers not exceding 15 cm. including inundating each layer by profuse water and poking and ramming layer by layer complete including supply of sand to be approved by EIC and plinth in layer not exceeding 15 cm. as directed and consolidating same by through saturation with water and ramming complete including cost of supply of sand (Payment to be made on measurement of finished quantity)				
		50 m x 1.100 m x 0.100 m	%Cum	4.125	48741.00	2,010.57
3	Page No.14	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.				
- 1		50 m x 1.10 m	Sqm	41.25	294.00	12,127.50
4	Page no-24 Item - 4 (d)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size)excluding shuttering and reinforcement,ifany, in ground floor as per relevant IS codes.(d) With local hard blackstone variety chips(crusher broken)		44		
		37.50 m x 1.10 m x 0.10 m = 4.125 m3	Cum	15.8430	4218.00	66,825.77
5	Page No.42 It. 36 (a)	37.50 m x 2 sides x 0.25 m x 0.625 m = 11.718 m3 Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straightincluding fitting, fixing and striking out after completion of works (upto roof of ground floor) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In- Charge.	Cum	13.0430	4210.00	***
10		37.50 m x 2 sides x 2 sides x 0.625 m	Sqm	93.75	321.00	30,093.75
6	Page no-24 Item - 4 (d)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size)excluding shuttering and reinforcement, ifany, in ground floor as per relevant IS codes.(d) With local hard blackstone variety chips(crusher broken)				
		1 No x 1.20 m x 0.15 m x 3.00 m = 0.54 m3	Cum	0.54	4218.00	2,277.7
7	Page No.42 It. 36 (a)	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straightincluding fitting, fixing and striking out after completion of works (upto roof of ground floor) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In- Charge.	9			
-		1 No x 1.50 m x 3.30 m = 4.95 m2	Sqm	4.95	321.00	1,588.9

8	Page no -44 Item - 40(a)(i)	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and directioni) Tor steel/Mild Steel(2nd corrigendum dated 18.04.2018)				
		0.54 m3 x 1.5% x 7850/1000	MT	0.0636	53888.00	3,426.47
9		Polythene sheet, Expansion joint etc.	Ls			5,998.85
-		Sub total				1,28,777.48
-		Rs.	15,453.30			
Add GST @ 12% Total including GST						1,44,230.77
Add Labour Cess @ 1%						1,442.31
Add Contingency @ 3 %						4,326.92
Total Estimated Value					Rs.	1,50,000.01
-	Total Estimated Value					1,50,000.00

(Rupees One Lakh Fifty Thousands Only)

Construction Concrete Drain

