

BIDDING DOCUMENT for Construction of Playground at Tuivamit

VOLUME-II

(Price Bid)

Issued on	:	2 nd December, 2021
Invitation for Bids No	:	No.B.11030/144 (Proc-Gen)/2018-ASCL/140
Package No	:	MIZ-AIZ-128B/PG-TUVMT/18
Employer	:	AIZAWL SMART CITY LIMITED, AIZAWL
State	:	MIZORAM
Country	:	INDIA



AIZAWL SMART CITY LIMITED, AIZAWL

Price Bid

This Section contains the forms which are to be completed by the Bidder and submitted as part of his Price Bid.

Table of Forms

Letter of Price Bid	2
Schedules	3
Bill of Quantities	5

Letter of Price Bid

	Date:
	Contract Package No.:
	Invitation for Bid No.:
To [.]	
We, t	he undersigned, declare that:
(a)	We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) 8;
(b)	We offer to execute in conformity with the Bidding Documents and the Technical Bid submitted for the following Works:
(c)	The total price of our Bid, excluding any discounts offered in item (d) below is:
(d)	The discounts offered and the methodology for their application are:
(e)	Our Bid shall be valid for a period of days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
(f)	If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
(g)	We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and
(h)	We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
Name	Э
In the	e capacity of
Signe	ed
Duly	authorized to sign the Bid for and on behalf of
Date.	

Schedules Bill of Quantities

Preamble

(A) General

- 1. The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, Conditions of Contract, Specifications and Drawings.
- 2. For the construction of works, the quantities given in the Bill of Quantities are estimated quantities, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Engineer and valued at the agreed individual item rates. Bills will be raised monthly. The method of measurement shall be as per norms laid out by the Bureau Of Indian Standard's publication IS: 1200 (Latest Editions with updated amendments).
- 3. A rate or price shall be entered against each item in the Priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the Contractor has failed to enter a price or rate shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
- 4. The whole cost of complying with the provisions of the contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of work.
- 5. General directions and descriptions of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. Reference to relevant sections of the Contract documentation shall be made before entering prices against each item in the priced Bill of Quantities.
- 6. The rates and prices tendered in the priced Bill of Quantities shall, except in so far as it is otherwise provided under the Contract, include all constructional plant, labour, supervision, materials, erection, maintenance, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out in the Contract. Import duty and excise duty on materials and goods to be imported shall not be included in the Unit Rates
- 7. Arithmetic errors will be corrected by the Employer as follows:
 - a. if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
 - b. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - c. if there is a discrepancy between words and figures, the Amount (In INR) in words shall prevail, unless the Amount (In INR) expressed in words is related to an arithmetic error, in which case the Amount (In INR) in figures shall prevail subject to (a) and (b) above.

8. Rock is defined as all materials that, in the opinion of the Engineer, require blasting, or the use of metal wedges and sledgehammers, or the use of compressed air drilling for their removal, and that cannot be extracted by ripping with a tractor of at least 150 brake hp with a single, rear-mounted, heavy-duty ripper.

(B) Work Items

The Bill of Quantities contains Schedules as below:

Construction of Playground at Tuivamit, Aizawl.

ABSTRACT COST

The quoted rate and amount should be inclusive of taxes, duties and cess including all cost payable by the Bidders in executing the subjected contract package.

	1	
Sl.No.	Description	Amount (Rs)
1	Earthwork (Site Preparation)	
2	Main Building (Gallery and Amenities)	
3	Toilet Block	
4	Security Room, Gate Posts & Signboard	
5	Box Culvert	
6	Retaining Wall and Stand	
7	Pathway, Parapet Wall, Chainlink Fencing and Corridor Seating (West Side)	
8	Development of Official Parking Area	
9	Side Drain & Hume Pipe	
	Sub -Total (A)	
10.1	Synthetic Artificial Turf on Playgound Area	
10.2	Base Work For Aynthetic Artificial turf	
10.3	Synthetic Grass on Buffer Area	
11.1	Internal Sanitary and Water Supply	
11.2	External Service Connection (Water Supply)	
12.1	Internal Electrification	
12.2	External Service Connection (Electrification)	
	Sub -Total	
	ADDITIONAL WORKS	
13	Development of Public Parking Area, Bucket Seats, Goal Post, Substitute Bench	
	Sub -Total	
	Contingency	22,17,980.0
	Grand - Total	
	say =	
	Rupees	Only

Detailed Bill of Quantities

The quoted rates and amount s are inclusive of taxes, duties and cess including all cost payable by the Bidders in executing the subjected contract package.

Sl. No.		Description of Work	Unit	Qty	Rates (₹)	Amount (₹)
1	EAR					
1	means	or)/manual ll as 10 sqm upto 50 m				
	(i)	Earthcutting for levelling of				
		playground on East Side Earthwork analysis enclosed (Annexure-1)	cum	1849.00		
	(ii)	Earthcutting for levelling of playground				
		Earthwork analysis enclosed (Annexure-1)	cum	1420.00		
	(iii)	<i>Earthcutting for levelling on entrance area- South Side</i>				
		Earthwork analysis enclosed (Annexure-1)	cum	38.00		
	(iii)	Earthcutting for levelling on West Side				
		Earthwork analysis enclosed (Annexure-1)	cum	3011.00		
2	(b) Ord	linary Rock				
	(i)	Earthcutting for levelling of playground on East Side				
		Earthwork analysis enclosed (Annexure-1)	cum	616.00		
	(ii)	Earthcutting for levelling of playground				

Bidding Document for Construction of Playground at Tuivamit

		Earthwork analysis enclosed (Annexure-1)	cum	473.00		
	(iii)	<i>Earthcutting for levelling on entrance area- South Side</i>				
		Earthwork analysis enclosed (Annexure-1)	cum	13.00		
	(iii)	<i>Earthcutting for levelling on West Side</i>				
		Earthwork analysis enclosed (Annexure-1)	cum	1004.00		
3	founda	available excavated earth (excluding r tions etc. in layers not exceeding 20cm ed layer by ramming and watering, lea	n in depth,	consolidati	ng each	
	(i)	Levelling of playground, backfilling etc.				
		Earthwork analysis enclosed (Annexure-1)	cum	9410.00		
		I		T	OTAL(1)=	

Sl. No. / Code No.	De	scription of Work	Unit	Qty	Rates (₹)	Amount (₹)
2	MAI					
2.1.	Foun					
1	exceed of trend as in co	vork in excavation in foun ing 2 meters depth includ ches and subsequent fillin plumn foundations, fence s soil as directed within a	ing dressin ig and com posts, etc.	g of bottom paction in 1 and disposa	and sides 5cm layers	
	(c)	Very Hard Soil				
			cum	610.40		
2	founda consoli	available excavated earth tion etc. in layer not exce idating each deposited lay oto 50m lift and lift upto 1	eding 20cm er by ramr	n in depth, ning and wa		
			cum	378.01		
3		ing and laying in position excluding cost of centerir level:				
	(a)	1:2:4 (1 cement :2 cours nominal size)	se sand :4 s	tone aggreg	ate 20mm	
			cum	24.42		
4	exclud reinfor All wo	ing and laying in position ing cost of centering and cement in - rk upto plinth level :				
	(a)	Providing M-25 Grade		110.00		
			cum	119.02		
5		ing and shuttering includi al of form for all heights :		g, propping	etc. and	
	(a)	Foundations, footings, t concrete.		umns etc. f	or mass	
			sqm	30.60		

6	Steel reinforcement for RCC work including straighthening, cutting, bending, placing in position and binding all complete.						
	(b)	Thermo-Mechanica more.	lly Treated bar	s of grade F	e-500 or		
			kgs	9640.07			
				TO	FAL (2.1) =		
2.2	Stru	ctural Frame Wo	rks				
7	exclud reinfor	ing and laying in posi- ing cost of centering cement in - ork upto plinth level :					
	(a)	Providing M-25 Gra	ade concrete.	1			
			cum	16.51			
	Reinfo	rced cement concrete	work in walls		tached		
8	pillaste retaini	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete.	posts, piers, abo resses, string or cluding cost of	including at utments, ret	urn walls, ses, fillets		
8	pillaste retainin etc. up	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc	posts, piers, abo resses, string or cluding cost of ade concrete.	including at utments, ret lacing cour centering sh	urn walls, ses, fillets		
8	pillaste retainin etc. up comple	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete.	posts, piers, abo resses, string or cluding cost of	including at utments, ret	urn walls, ses, fillets		
8	pillaste retainin etc. up comple (a) Center	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete.	posts, piers, aburesses, string or cluding cost of cluding cost of cluding cost of cluding concrete.	including at utments, retr lacing cour centering sh 33.15	urn walls, ses, fillets uttering etc		
	pillaste retainin etc. up comple (a) Center	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete. Providing M-25 Gr ing and shuttering inc	posts, piers, aburesses, string or cluding cost of ade concrete.	including at utments, retr lacing cour centering sh 33.15 g, propping	urn walls, ses, fillets uttering etc etc. and		
	 pillaster retaining etc. up completion (a) Center removation 	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete. Providing M-25 Gr ing and shuttering inc al of form for all heig	posts, piers, aburesses, string or cluding cost of ade concrete.	including at utments, retr lacing cour centering sh 33.15 g, propping	urn walls, ses, fillets uttering etc etc. and		
	 pillaster retaining etc. up completion (a) Center removation 	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete. Providing M-25 Gr ing and shuttering inc al of form for all heig	posts, piers, aburesses, string or cluding cost of ade concrete.	including at utments, retr lacing cour centering sh 33.15 g, propping , posts and s	urn walls, ses, fillets uttering etc etc. and		
	pillaste retainin etc. up comple (a) Center remova (c) Steel re	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete. Providing M-25 Gr ing and shuttering inc al of form for all heig	posts, piers, aburesses, string or cluding cost of ade concrete. cluding strutting cluding strutting thts : iers, abutments, <i>sqm</i> C work includir	including at utments, retr lacing cour centering sh 33.15 g, propping , posts and s 444.18	urn walls, ses, fillets uttering etc etc. and etc. and truts.		
9	pillaste retainin etc. up comple (a) Center remova (c) Steel re	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete. Providing M-25 Gr ing and shuttering inc al of form for all heig Columns, pillars, pi	posts, piers, aburesses, string or cluding cost of ade concrete. cluding strutting thts : iers, abutments, <i>sqm</i> C work includir position and bi	including at utments, retr lacing cour centering sh 33.15 g, propping , posts and s 444.18 ng straighthe nding all co	ening, mplete.		

		preed cement concrete v aving slope up to 15° l					
11	lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of						
	centeri	ng, shuttering, finishin	g and reinford	cement com	plete.		
	(a)	Providing M-25 Grad	le concrete.				
			cum	86.52			
12		ing and shuttering inclu		g, propping	etc. and		
12	remov	al of form for all heigh					
	(d)	Lintels, beams, plinth cantilevers, etc.	n beams, girde	ers, bressum	ers and		
			sqm	684.80			
13		einforcement for RCC , bending, placing in p			-		
	(b)	Thermo-Mechanicall more.	y Treated bar	s of grade F	e-500 or		
			kgs	18086.33			
	Reinfo	prced cement concrete v	work in beams	s. suspended	l floors.		
		naving slope up to 15° l		· •			
14		bands, plain window s					
		plinth level up to floor					
	centeri	ng, shuttering, finishin		cement com	plete.		
	(a)	Providing M-25 Grad	le concrete.				
			cum	136.74			
15		ing and shuttering inclu		g, propping	etc. and		
1.5	remov	al of form for all heigh					
	(e)	Suspended floors, roo	-	shelves and	their		
	(•)	support, balconies an	d chajjaj,etc.	ſ			
			sqm	1153.88			
			sym				
			Sym				
16		einforcement for RCC , bending, placing in p	work includir		-		
16			work includir osition and bi	nding all co	mplete.		
16	cutting	, bending, placing in p Thermo-Mechanicall	work includir osition and bi	nding all co	mplete.		

17	level p bands, the like exclud coarse size).	ing, hoisting and recast reinforced copings, bed pla e, including the c ing cost of reinfo sand(zone-III) :	cement conc tes, anchor bl ost of require prcement, with 3 graded ston	erete we locks, p ed cente h 1:1.5 le aggre cum	ork in string plain windo ering, shutto :3 (1 cemer egate 20 mr 42.39	g courses, w sills and ering but , nt: 1.5 n nominal	
10	cutting, bending, placing in position and binding all complete.(b)Thermo-Mechanically Treated bars of grade Fe-500 or more.						
				kg	4239.00		
					TO	FAL (2.2) =	
2.3	RCC	Staircases a	nd Steps				
	Dainfa		1	1		1.61	
19	roofs h lintels, above centeri	rced cement con aving slope up to bands, plain wir plinth level up to ng, shuttering, fi Providing M-2	o 15° landing adow sills, sta floor five lev nishing and re	s, balco aircases vel, exc einforc	onies, shelv and spiral cluding the	es, chajjas, stair cases cost of	
19	roofs h lintels, above	aving slope up to bands, plain wir plinth level up to	o 15° landing adow sills, sta o floor five lev nishing and ro 5 Grade conc	s, balco aircases vel, exc einforc	onies, shelv and spiral cluding the	es, chajjas, stair cases cost of	
19 20	roofs h lintels, above centeri (a)	aving slope up to bands, plain wir plinth level up to ng, shuttering, fi	b 15° landing adow sills, sta o floor five lev nishing and ro 5 Grade conce g including st	s, balco nircases vel, exo einforc rete. cum	onies, shelv s and spiral cluding the cement com 9.59	es, chajjas, stair cases cost of plete.	
	roofs h lintels, above centeri (a)	aving slope up to bands, plain wir plinth level up to ng, shuttering, fi Providing M-2 ing and shutterin	o 15° landing adow sills, sta o floor five lev nishing and ro 5 Grade conce g including su heights : ors, roofs, land	s, balco nircases vel, exc <u>einforc</u> rete. cum trutting dings, s	onies, shelv s and spiral cluding the cement com 9.59 g, propping	es, chajjas, stair cases cost of plete. etc. and	
	roofs h lintels, above centeri (a) Center remova	aving slope up to bands, plain win plinth level up to ng, shuttering, fi Providing M-2 ing and shutterin al of form for all Suspended floo	o 15° landing adow sills, sta o floor five lev nishing and re 5 Grade conce g including st heights : ors, roofs, land ies and chajja	s, balco nircases vel, exc <u>einforc</u> rete. cum trutting dings, s	onies, shelv s and spiral cluding the cement com 9.59 g, propping	es, chajjas, stair cases cost of plete. etc. and	
	roofs h lintels, above centeri (a) Center remova (e)	aving slope up to bands, plain win plinth level up to ng, shuttering, fi Providing M-2 ing and shutterin al of form for all Suspended floo	o 15° landing adow sills, sta o floor five lev nishing and re 5 Grade conce g including st heights : ors, roofs, land ies and chajja g including st	s, balco nircases vel, exc einforc rete. cum trutting dings, a aj,etc. sqm	onies, shelv s and spiral cluding the cement com 9.59 g, propping shelves and 47.94	es, chajjas, stair cases cost of plete. etc. and their	
20	roofs h lintels, above centeri (a) Center remova (e)	aving slope up to bands, plain wir plinth level up to ng, shuttering, fi Providing M-2 ing and shutterin al of form for all Suspended floo support, balcor	o 15° landing adow sills, sta o floor five lev nishing and re 5 Grade conce g including st heights : ors, roofs, land ies and chajja g including st heights :	s, balco nircases vel, exc einforc rete. cum trutting dings, s aj,etc. sqm trutting	onies, shelv s and spiral cluding the sement com 9.59 g, propping shelves and 47.94 g, propping	es, chajjas, stair cases cost of plete. etc. and their	
20	roofs h lintels, above centeri (a) Center remova (e) Center remova	aving slope up to bands, plain wir plinth level up to ng, shuttering, fi Providing M-2 ing and shutterin al of form for all Suspended floo support, balcor ing and shutterin al of form for all	o 15° landing adow sills, sta o floor five lev nishing and re 5 Grade conce g including st heights : ors, roofs, land ies and chajja g including st heights :	s, balco nircases vel, exc einforc rete. cum trutting dings, a aj,etc. sqm	onies, shelv s and spiral cluding the cement com 9.59 g, propping shelves and 47.94	es, chajjas, stair cases cost of plete. etc. and their	
20	roofs h lintels, above centeri (a) Center remova (e) Center remova (f) Steel r	aving slope up to bands, plain wir plinth level up to ng, shuttering, fi Providing M-2 ing and shutterin al of form for all Suspended floo support, balcor ing and shutterin al of form for all	o 15° landing adow sills, sta o floor five lev nishing and re 5 Grade conce g including st heights : ors, roofs, land ies and chajja g including st heights :	s, balco nircases vel, exc einforce rete. cum trutting dings, s aj,etc. sqm trutting	onies, shelv s and spiral cluding the sement com 9.59 g, propping shelves and 47.94 g, propping 30.87	es, chajjas, stair cases cost of plete. etc. and their etc. and etc. and	

		more.				
			kgs	885.6		
				ТОТ	TAL (2.3) =	
2.4	Brick	kworks				
23		ick masonry with first clas level upto floor V level.	ss brick in	n superstruc	ture above	
	(a)	in cement moratar 1:3 (1	l cement :	3 coarse sa	nd)	
			sqm	681.52		
24		ass brick work in superstr	ucture abo	ove plinth le	vel upto	
	(b)	in cement moratar 1:4 (1	l cement :		nd)	
			сит	36.71		
				TO	FAL(2.4) =	
2.5	Plast	ering				
25	with a	cement plaster 1:3 (1 cem floating coat of neat ceme ick wall.				
			sqm	604.53		
	-					
26	providi	cement plaster 1:3 (1ceme ing and mixing water proo nended by manufacturer o	fing mate	rials in prop	ortion	
			sqm	566.16		
27		cement plaster 1:3 (1ceme g coat of neat cement on ro				
			sqm	773.10		
				ТОТ	FAL (2.5) =	

2.6	Door	rs, Windows and V	Ventilators					
28	Providing Ist class local wood dressed in frames of chaukat for doors, windows, clerestory windows fixed in position.							
			cum	0.67				
29	extrude mm (to corners plastic, hinge s tube of Nos. st manufa	ing and fixing factory ed section (Chaukhat) olerance + 1 mm) with s of the door frame to /M.S. galvanished bra side vertical of the fran f size 19x19 mm and 1 tainless steel hinges fin acturers specification k, Plasopan or equivale	having overall wall thickness be mitred and ckets and stain mes reinforced 1 mm + 0.1 mm xed to the fram and direction of	l dimension s 2.0 mm + joined by m less steel so by galvania n wall thick ne complete of Engineer-	of 48x40 0.2 mm, neans of crews. The sed M.S. ness and 3 as per			
			rm	9.60				
30		ing and fixing 1st clas etc. including M.S. bu ete.						
31	uPVC (± 0.2) mitred plastic and sta insertin 0.1 mm uPVC	y made PVC door shu hollow section of size mm) with inbuilt edgi and joint at the corner brackets of size 75x2 inless steel screws. Th ng galvanised M.S. tul n) wall thickness. The hollow section of size ickness, fixed to the s /galvanised M.S. 'U' c	59x24 mm an ng on both side rs by means of 20 mm having he styles of the be of size 20x2 lock rail made 100x24 mm a	d wall thick es. The style M.S. galva wall thickn shutter rein 0 mm and e up of 'H' se nd 2 mm (±	tness 2 mm es and rails nised/ ess 1.0 mm nforced by 1 mm (± ection, a			

			sqm	3.20		
32		ing and fixing CP Bra finished with nuts and	-		rops)	
	(a)	300 x 16 mm				
			nos	8		
33		ing and fixing CP brased with necessary screw			s) bright	
	(b)	200mm				
			nos	16		
34	(c)	200mm	1			
			nos	24		
35	comple		ss handles with	n necessary	screws, etc.	
	(1-)	200				
	(b)	200mm				
	(0)		nos	20		
	(D)		nos	20		
36	Provid ventila and otl IS : 12 accord 15), fiz expans junction felt etc mitred cleat at brass / drawin doors, hinges, wherev	ing and fixing alumini tors and partitions with her sections of approve 85, anodised transpare ing to IS : 1868. (Mini- xed with rawl plugs an sion hold fastners inclu- ons, at top, bottom and c. Aluminium sections and jointed mechanicangle, Aluminium snap stainless steel screws, ngs and the directions of windows & ventilator / pivots and making priver required including ed. (Glazing to be paid	ium work for d h extruded bui ed make confo ent or dyed to r imum anodic c ad screws or wi ading necessar sides with req shall be smoot ally wherever beading for g all complete a of Engineer-in- is including pro- rovision for fix the cost of PV	loors, windo It up standa required sha coating of gr ith fixing cli y filling up uired PVC/ th, rust free, required inc lazing / pane as per archit -charge. For oviding and ting of fittin C / neopren	rd tubular : 733 and de : ade AC ips, or with of gaps at neoprene straight, luding eling, C.P. ectural : shutters of fixing gs	
36	Provid ventila and otl IS : 12 accord 15), fiz expans junction felt etc mitred cleat at brass / drawin doors, hinges, wherev	ing and fixing alumini itors and partitions wit her sections of approve 85, anodised transpare ing to IS : 1868. (Mini- xed with rawl plugs an sion hold fastners inclu- ons, at top, bottom and c. Aluminium sections and jointed mechanicangle, Aluminium snap stainless steel screws, ngs and the directions of windows & ventilator / pivots and making priver required including	ium work for d h extruded bui ed make confo ent or dyed to r imum anodic c ad screws or wi ading necessar sides with req shall be smoot ally wherever beading for g all complete a of Engineer-in- s including pro- rovision for fix the cost of PV	loors, windo It up standa required sha coating of gr ith fixing cli y filling up uired PVC/ th, rust free, required inc lazing / pane as per archit -charge. For oviding and ting of fittin C / neopren	rd tubular : 733 and de : ade AC ips, or with of gaps at neoprene straight, luding eling, C.P. ectural : shutters of fixing gs	

37	ventilat etc. con	ing and fixing glazing in a tor shutters and partitions mplete as per the architectune neer-in-charge.	etc. with H	PVC/ neopre	ene gasket	
_	(b)	With glass panes of 5 m	n thicknes	ss.		
			sqm	32.70		
				TO	TAL (2.6) =	
2.7	W/C	Floor and Wall Tiles				
38	more (t quality colours 20mm includi	ing and ceramic glazed fl thickness to be specified b conforming to IS: 15622 s,shades, except white, ivo thick cement mortar 1 : 4 ng pointing the joints with nts etc. complete. as per de	y the man of approve ry, grey, f (1cement o white cen	ufacturer) o ed make in a ume red bro : 4 course s ment and ma	f 1st all own, laid on and)	
	(b)	Matt/Antiscratch				
			sqm	35.30		
39	be spec 0.08% colours cement (water) thickne	ing & laying vitrified tiles cified by the manufacture) and conforming to IS:156 and shades, in skirting/da based high polymer modi based) conforming to IS: ess, including grouting of j o be made separately).	with wate 22, of appr ado, riser ified quick 15477, in	r absorption oved make, of steps, laid set tile adh average 6m	n less than in all d with lesive m	
	(b)	Full body polish vitrified	l (General)		
			sqm	82.92		
				TO	TAL(2.7) =	
2.8		Truss and Covering				
40	hollow positior	ork in built up tubular (rou tubes etc.)trusses etc., incl and applying a priming c ag welding and bolted with te.	luding cut toat of app	ting, hoistin roved steel	g, fixing in primer,	

			kgs	6760.98		
			0			
41	Roofin fitting	ing Trapezoidal Polyester g of any colour of 1.06m and fixing ridging with sel washers etc. complete exe sses.	width at a lf drilling	ll levels inc , self tappin	luding g screws,	
	(ii)	For 0.50mm thick				
			sqm	460.46		
42	of any 0.50mm	ing and fixing of Polyester colour ridges, gutters or v n thick with 150 mm over ping Screws with EPDM v ame.	alleys 50c	cm overall y xed with Se	width lf Drilling	
			rm	50.60		
				TO	TAL(2.8) =	
2.9	Raili	ngs and Hand rails				
43	window	ing and fixing M.S. grills over the second start of the start of the second start of t	are or rou	nd bars etc.		
			sqm	57.00		
44	and bot distanc decorat at 280r with ba groutin	ing and fixing M.S. decor- tom rails of 40mmx40mm e of 788mm apart, 30mm tive intermediate balusters nm apart. The base of balu- use plate of 60mmx3mm the g firmly to concrete section inting complete etc.	n square of x30mm sq welded to isters at 50 hick and fi	r circular se uare or circ top and bo 50mm apart xed with ce	ction at ular section ttom rails welded ment	
			sqm	92.00		
45	steel la works,	ing and fixing hand rail of dder railing, balcony railin including applying primir square or rectangular hol	ng, staircas	se railing an approved st	d similar	
	(a)	MS Tube 40mm @ 3.6 k	kg/m			
			kg	300.84		

				ТО	FAL (2.9) =		
				10	(2.3) =		
2.10	Pain	ting					
46		ing one coat of water thinr and manufacture on wall s		ent primer o	f approved		
			sqm	1974.11			
47		ing walls with exterior em (three or more coats) to give		-	nde on new		
	(a)	Regular exterior emulsion	on like sup	ercote, walı	nasta etc.		
		Cement Priming area	sqm	1974.11			
48	approv	ing priming coat with read ved brand and manufacture & Plywood.					
			sqm	38.47			
	Painting with synthetic enamel paint of approved brand and manufacture in all shades on new work (two or more coats).						
49		• •					
49		• •					
49	manuf	acture in all shades on nev					
49	manuf	acture in all shades on nev	v work (tw	o or more c			
49	manuf	acture in all shades on nev	v work (tw	237.42			
49	manuf	acture in all shades on nev	v work (tw	237.42	oats).		

Sl. No.	De	scription of Work	Unit	Qty	Rates (₹)	Amount (₹)
3	TOI	LET BLOCK				
3.1	Four	ndation Works				
1	2 mete and sul column	work in excavation in four ors depth including dress bsequent filling and con n foundations, fence pos directed within a lead o	ing of botton npaction in 13 sts, etc. and d	n and sides 5cm layers	of trenches as in	
	(b)	Hard Soil				
			cum	72.60		
2	founda consol	available excavated ear ation etc. in layer not exc idating each deposited la Om lift and lift upto 1.5r	ceeding 20cm ayer by ramn	n in depth,		
			cum	41.80		
3			ring and shut	tering - All	work upto	
	(a)	1:2:4 (1 cement :2 cou nominal size)	rse sand :4 st	tone aggreg	ate 20mm	
			cum	2.90		
4	exclud reinfor	ing and laying in position ing cost of centering and cement in - ork upto plinth level :				
	(a)	Providing M25 Grade	Concrete			
			cum	6.03		
5		ing and shuttering inclu al of form for all heights		, propping	etc. and	
	(a)	Foundations, footings, concrete.	bases of colu	umns etc. fo	or mass	

6		einforcement for RCG , bending, placing in			-	
	(b)	Thermo-Mechanica more.	lly Treated bars	of grade Fe	e-500 or	
			kg	714.19		
				ТОТ	CAL (3.1) =	:
3.2	Stru	ctural Frame Wo	rks			
7	exclud reinfor	ing and laying in posi- ing cost of centering cement in - ork upto plinth level :				
	(a)	Providing M25 Gra	de Concrete			
			cum	1.68		
8	pillaste	rced cement concrete ers, columns, pillers, j ng walls, struts, buttr	posts, piers, abu	ncluding at tments, retu	ırn walls,	
8	pillaste retaini etc. up comple	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete.	posts, piers, abu esses, string or luding cost of c	ncluding at tments, retu lacing cours	ırn walls, ses, fillets	
8	pillaste retaini etc. up	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc	posts, piers, abu esses, string or luding cost of c	ncluding at tments, retu lacing cours	ırn walls, ses, fillets	
8	pillaste retaini etc. up comple	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete.	posts, piers, abu esses, string or luding cost of c de Concrete	including at trans, retu lacing cours entering sh	ırn walls, ses, fillets	
9	pillaste retaini etc. up comple (a)	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete.	bosts, piers, abu esses, string or luding cost of c de Concrete cum	including at truents, retu lacing cours centering sho 3.11	urn walls, ses, fillets uttering etc	
	pillaste retaini etc. up comple (a)	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete. Providing M25 Gra ing and shuttering inc	posts, piers, abu esses, string or eluding cost of c de Concrete cum cluding strutting hts :	Including at the the the the the the the the the the	urn walls, ses, fillets uttering etc	
	 pillaste retaini etc. up comple (a) Center remove 	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete. Providing M25 Gra ing and shuttering ind al of form for all heig Columns, pillars, pi	bosts, piers, abu esses, string or eluding cost of c de Concrete cum eluding strutting hts : ers, abutments,	Including at the the the the the the the the the the	urn walls, ses, fillets uttering etc	
	 pillaste retaini etc. up comple (a) Center remove 	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete. Providing M25 Gra ing and shuttering ind al of form for all heig Columns, pillars, pi	bosts, piers, abu esses, string or eluding cost of c de Concrete cum eluding strutting hts : ers, abutments,	Including at the the the the the the the the the the	urn walls, ses, fillets uttering etc	
9	pillaste retaini etc. up comple (a) Center remov (c)	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete. Providing M25 Gra ing and shuttering ind al of form for all heig Columns, pillars, pi	posts, piers, abu esses, string or eluding cost of c de Concrete cum eluding strutting hts : ers, abutments, ow nth sqm	ancluding at the the the the the the the the the the	ning,	
	pillaste retaini etc. up comple (a) Center remov (c)	ers, columns, pillers, j ng walls, struts, buttr to floor five level exc ete. Providing M25 Gra ing and shuttering inc al of form for all heig Columns, pillars, pi Column Bel Pli einforcement for RCC	posts, piers, abu esses, string or eluding cost of c de Concrete cum eluding strutting hts : ers, abutments, ow nth sqm C work includin position and bin	ancluding at theats, retu- lacing cours entering sho 3.11 g, propping of posts and st 51.30 g straightheating all com	ning, mplete.	

				ТОТ	TAL(3.2) =	
			sqm	89.97		
	include	es cost of cement slurry b tc. complete.				
15	mm th	ick cement hardener consi ing compound moxed @	isting of mi	x 1:2 by vo	lume	
	topping	thick Cement concrete fl g under laayer 50 mm cen 4 well graded stone aggre	nent concre	te 1:2:4 (1 d	cement : 2	
			cum	2.00		
	(a)	1:2:4 (1 cement :2 cours nominal size)	se sand :4 st	<u>9.00</u>	ate 2011111	
14	plinth				_	
14		ing and laying in position				
			kg	1990.64		
	(b)	Thermo-Mechanically T more.			e-500 or	
13		einforcement for RCC wo	tion and bir	nding all co	mplete.	
			sqm	91.27		
	(d)	Lintels, beams, plinth be cantilevers, etc.		rs, bressum	ers and	
12		ing and shuttering includi al of form for all heights :		, propping	etc. and	
			Cum	7.70		
	(a)	Providing M25 Grade C	concrete	9.96		
		ng, shuttering, finishing a		ement com	plete.	
11		bands, plain window sills plinth level up to floor fiv				
11	1:			onies, shelv		

16		rick masonry with first of level upto floor V level.		superstruct	ture above	
	(a)	in cement moratar 1:3	(1 cement :	3 coarse sar	nd)	
			sqm	184.06		
				ТОТ	AL(3.3) =	
3.4	Plast	tering				
17	with a	cement plaster 1:3 (1 c floating coat of neat cer ick wall.		,		
			sqm	78.70		
	1					
18	provid	cement plaster 1:3 (1ce ing and mixing water pr mended by manufacture	roofing mater	ials in prop	ortion	
			sqm	393.78		
				ТОТ	TAL(3.4) =	
3.5	Door	rs, Windows and Ve	entilators			
19		ing Ist class local wood windows, clerestory windows			ukat for	
			cum	0.25		
20	extrude mm (to corner plastic hinges tube of Nos. st manufi	ing and fixing factory n ed section (Chaukhat) h olerance + 1 mm) with v s of the door frame to be /M.S. galvanished brack side vertical of the frame f size 19x19 mm and 1 n tainless steel hinges fixe acturers specification an x, Plasopan or equivalen	aving overall wall thickness e mitred and j kets and stain es reinforced mm + 0.1 mm ed to the fram ad direction o	dimension 2.0 mm + 0 joined by m less steel sc by galvanis a wall thickn e complete	of 48x40 0.2 mm, eans of rews. The ed M.S. ness and 3 as per	
	(Sinc)	s, i hasopan or equivalen				1

21	doors e	ing and fixing 1st class etc. including M.S. butt				
	comple	ete.				
			sqm	7.56		
22	uPVC (± 0.2) mitred plastic and sta insertin mm) w hollow thickne plastic, uPVC having thickne insertin with m specifi	y made PVC door shutter hollow section of size 5 mm) with inbuilt edging and joint at the corners brackets of size 75x220 ainless steel screws. The ng galvanised M.S. tube vall thickness. The lock v section of size 100x24 ess, fixed to the shutter /galvanised M.S. 'U' cle multi-chambered single g over all thickness of 20 ess. The panels filled ve ng horizontally 6 mm ga uts and washers, comple cation and direction of 1 om door shutter) (Sinter	9x24 mm and g on both side by means of mm having styles of the of size 20x2 rail made up mm and 2 m styles by mea ats. The shutt panel of size mm and 1 n rtically and t alvanised M.S ete as per man Engineer-in-c	d wall thick es. The style M.S. galvar wall thickne shutter rein 0 mm and 1 of 'H' section m (\pm 0.2 mm the frame fill e not less that in (\pm 0.1 mm the bar at two S. rod and far pufacturer's charge. (For	ness 2 mm es and rails nised/ ess 1.0 mm forced by mm (± 0.1 on, a uPVC m) wall led with a an 620 mm, m) wall o places by astened W.C. and	
	(a)	24 mm thick shutter				
			sqm	11.20		
23		ing and fixing CP Brass ed with nuts and screws	•	,	rops) bright	
			no	3		
24		ing and fixing CP brass d with necessary screws			s) bright	
	(b)	200mm				
			no	6		
25	(c)	200mm			•	
			no	34		
26		ing and fixing CP brass	handles with	necessary	screws, etc.	
	comple					
	(b)	200mm				

			no	20					
		ing and fixing aluminiu							
		tors and partitions with		1					
		her sections of approved		-					
		85, anodised transparen ing to IS : 1868. (Minin	•	-					
		0		0 0					
	15), fixed with rawl plugs and screws or with fixing clips, or with expansion hold fastners including necessary filling up of gaps at								
	-	ons, at top, bottom and s			U 1				
27	•	. Aluminium sections s	-		-				
		and jointed mechanical	•	1	0				
		ngle, Aluminium snap b							
		stainless steel screws, a							
		igs and the directions of	-	-					
		windows & ventilators / pivots and making pro		-	-				
		ver required including the							
		ed. (Glazing to be paid f		1	8				
	(b)	Anodised							
			sqm	6.90					
		ing and fixing glazing i							
28		tor shutters and partition							
20		mplete as per the archite	ectural drawi	ngs and the	directions				
		ineer-in-charge . With glass papes of 5	50 mm thick	noas					
	(c)	With glass panes of 5.							
			sqm	6.90					
				ТОТ					
				101	$\Gamma AL (3.5) =$				
3.6	W/C	Floor and Wall Til	les						
		ing and ceramic glazed							
		thickness to be specified	•						
•		conforming to IS: 1562							
29		s, shades, except white, i							
		thick cement mortar 1 ing pointing the joints w	,		,				
		nts etc. complete. as per			atennig				
	(b)	Matt/Antiscratch							
			c am	58.22					
			sqm	30.22					

30	be spec 0.08% colours cemen (water) thickno	cified by the and conform s and shades t based high) based) con	manufacture ning to IS:15 , in skirting/ polymer mo forming to Is g grouting o	es in differe e) with water 6622, of appro dado, riser o dified quick S:15477, in a f joints (Payr	r absorption oved make, of steps, laid set tile adh average 6mi	less than in all with esive n	
	(b)	Full body	polish vitrifi	ed (General)			
				sqm	84.66		
					ТОТ	CAL (3.6) =	
3.7	Roof	Truss and	d Covering	g			
31	hollow		-	round, squar	-	ular g, fixing in	
51	includi	n and applying welding	ing a priming	g coat of app vith special s		primer,	
51		n and applying welding	ing a priming	g coat of app		primer,	
51	includi comple	n and applying welding ete.	ing a priming and bolted w	g coat of app vith special s	haped wash 607.76	primer, ers etc.	
32	includi comple Provid Roofin fitting	ing welding ete. ing Trapezo ing Trapezo ing of any col and fixing ri washers etc	ing a priming and bolted w idal Polyeste our of 1.061 idging with s	g coat of app vith special s	haped wash 607.76 Ivanised Stu I levels incl self tapping	primer, lers etc. eel Sheets uding g screws,	
	includi comple Provid Roofin fitting EPDM	ing welding ete. ing Trapezo ing Trapezo ing of any col and fixing ri washers etc	ing a priming and bolted w idal Polyeste our of 1.06n idging with s c. complete e	g coat of app with special s kg er Coated Ga n width at al self drilling ,	haped wash 607.76 Ivanised Stu I levels incl self tapping	primer, lers etc. eel Sheets uding g screws,	
	Provid Roofin fitting EPDM and tru	ing welding ete. ing Trapezo ing Trapezo ing of any col and fixing ri washers etc isses.	ing a priming and bolted w idal Polyeste our of 1.06n idging with s c. complete e	g coat of app with special s kg er Coated Ga n width at al self drilling ,	haped wash 607.76 Ivanised Stu I levels incl self tapping	primer, lers etc. eel Sheets uding g screws,	
	Provid Roofin fitting EPDM and tru	ing welding ete. ing Trapezo ing Trapezo ing of any col and fixing ri washers etc isses.	ing a priming and bolted w idal Polyeste our of 1.06n idging with s c. complete e	g coat of app vith special s kg er Coated Ga n width at al self drilling , excluding the	haped wash 607.76 Ivanised Sto I levels incl self tapping cost of pur	primer, lers etc. eel Sheets uding g screws,	
	includi comple Provid Roofin fitting EPDM and tru (ii) Provid of any 0.50m	n and applying welding ete. ing Trapezo ing Trapezo of any col and fixing rit washers etc isses. For 0.50m ing and fixin colour ridg m thick with ping Screws	ing a priming and bolted w idal Polyeste our of 1.06n idging with s c. complete e m thick mg of Polyest es, gutters on 150 mm ov	g coat of app vith special s kg er Coated Ga n width at al self drilling , excluding the	haped wash 607.76 Ivanised Sta I levels incl self tapping cost of pur 100.98 alvanised S m overall w	primer, lers etc. eel Sheets uding g screws, lin, rafter teel Sheets vidth f Drilling	
32	includi comple Provid Roofin fitting EPDM and tru (ii) Provid of any 0.50m & Tap	n and applying welding ete. ing Trapezo ing Trapezo of any col and fixing rit washers etc isses. For 0.50m ing and fixin colour ridg m thick with ping Screws	ing a priming and bolted w idal Polyeste our of 1.06n idging with s c. complete e m thick ng of Polyest es, gutters on 150 mm ov with EPDM	g coat of app vith special s kg er Coated Ga n width at al self drilling , excluding the rm cer Coated G valleys 50c erlapping fix	haped wash 607.76 Ivanised Sta I levels incl self tapping cost of pur 100.98 alvanised S m overall w	primer, lers etc. eel Sheets uding g screws, lin, rafter teel Sheets vidth f Drilling	
32	includi comple Provid Roofin fitting EPDM and tru (ii) Provid of any 0.50m & Tap base fr	ing and applying welding ete.	ing a priming and bolted w idal Polyeste our of 1.06n idging with s c. complete e m thick ng of Polyest es, gutters on 150 mm ov with EPDM	g coat of app vith special s kg er Coated Ga n width at al self drilling , excluding the rm cer Coated G valleys 50c erlapping fix	haped wash 607.76 Ivanised Sta I levels incl self tapping cost of pur 100.98 alvanised S m overall w	primer, lers etc. eel Sheets uding g screws, lin, rafter teel Sheets vidth f Drilling	
32	includi comple Provid Roofin fitting EPDM and tru (ii) Provid of any 0.50m & Tap base fr	ing and applying welding ete.	ing a priming and bolted w idal Polyeste our of 1.06n idging with s c. complete e m thick ng of Polyest es, gutters on 150 mm ov with EPDM	g coat of app vith special s kg er Coated Ga n width at al self drilling , excluding the er Coated G cvalleys 50c erlapping fix washer but	haped wash 607.76 Ivanised Ste I levels incl self tapping cost of pur 100.98 alvanised S m overall w ed with Sel excluding t	primer, lers etc. eel Sheets uding g screws, lin, rafter teel Sheets vidth f Drilling	

8.8	Pain	ting					
34	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :						
			sqm	472.48			
35		ing walls with exterior er (three or more coats) to gi		1	de on new		
	(a)	Regular exterior emulsi	on like supe	rcote, waln	nasta etc.		
		Cement Priming area	sqm	472.48			
	Applying priming coat with ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) & Plywood.						
36	approv	ved brand and manufactur	e on wood v	vork (hard a	-		
36	approv	ved brand and manufactur	• •	•	-		
36	approv wood)	ved brand and manufactur	e on wood v sqm paint of appr	vork (hard a 15.37	and soft		
	approv wood)	ved brand and manufactur & Plywood. ng with synthetic enamel	e on wood v sqm paint of appr	vork (hard a 15.37	and soft		
	approv wood) Paintin manuf	ved brand and manufactur & Plywood. ng with synthetic enamel facture in all shades on ne	e on wood v sqm paint of appr	vork (hard a 15.37	and soft		
	approv wood) Paintin manuf	ved brand and manufactur & Plywood. ng with synthetic enamel facture in all shades on ne	e on wood v sqm paint of appr w work (two	vork (hard a 15.37 roved brand o or more co 113.37	and soft l and pats).		
	approv wood) Paintin manuf	ved brand and manufactur & Plywood. ng with synthetic enamel facture in all shades on ne	e on wood v sqm paint of appr w work (two	vork (hard a 15.37 roved brand o or more co 113.37	and soft		

/ Code No.	D	escription of Work	Unit	Qty	Rates (₹)	Amount (₹)	
4	SECURITY CABIN, GATE POSTS, GATES, GOAL POST SIGNBOARD						
4.1	Secur	ity Cabin					
1	meters of subseque foundation	ork in excavation in foundat depth including dressing of tent filling and compaction ions, fence posts, etc. and d within a lead of 30 metres.	bottom and in 15cm laye isposal of al	sides of tren ers as in colu	ches and 1mn		
	(c)	Ordinary Soil					
			cum	41.62			
					1		
2		ng and laying in position congression congression content and shire 1:2:4 (1 cement :2 course	uttering - Al	l work upto	plinth		
	(a)		sanu .4 stor	le aggregate	2011111		
	, , ,	nominal size)			-		
		nominal size)	cum	2.31			
3	Providin cost of c	ng and laying in position ref centering and shuttering , fi k upto plinth level :	inforced cen nishing and	nent concrete			
3	Providin cost of c	ng and laying in position re- centering and shuttering, fi	inforced cen nishing and	nent concrete reinforceme			
3	Providin cost of c All wor	ng and laying in position ref centering and shuttering , fi k upto plinth level :	inforced cen nishing and	nent concrete			
3	Providin cost of a All wor (a) Centerin	ng and laying in position reference centering and shuttering , fi k upto plinth level : Providing M25 Grade Co ng and shuttering including l of form for all heights :	inforced cen nishing and ncrete cum strutting, pr	nent concrete reinforceme 9.75 opping etc. a	nt in -		
	Providin cost of a All wor (a) Centerin	ng and laying in position ref centering and shuttering , fi k upto plinth level : Providing M25 Grade Co	inforced cen nishing and ncrete cum strutting, pr	nent concrete reinforceme 9.75 opping etc. a	nt in -		
	Providin cost of a All wor (a) Centerin removal	ng and laying in position ref centering and shuttering , fi k upto plinth level : Providing M25 Grade Co ng and shuttering including l of form for all heights : Foundations, footings, ba	inforced cen nishing and ncrete cum strutting, pr	nent concrete reinforceme 9.75 opping etc. a	nt in -		
	Providin cost of a All wor (a) Centerin removal	ng and laying in position ref centering and shuttering , fi k upto plinth level : Providing M25 Grade Co ng and shuttering including l of form for all heights : Foundations, footings, ba	inforced cen nishing and ncrete cum strutting, pr ses of colum	ent concrete reinforceme 9.75 opping etc. a nns etc. for n	nt in -		
	Providin cost of a All wor (a) Centerin removal (a) Steel rei	ng and laying in position ref centering and shuttering , fi k upto plinth level : Providing M25 Grade Co ng and shuttering including l of form for all heights : Foundations, footings, ba	inforced cen nishing and ncrete cum strutting, pr ses of colum including st	9.75 opping etc. a nns etc. for n 3.00	nt in -		
4	Providin cost of a All wor (a) Centerin removal (a) Steel rei	ng and laying in position reference centering and shuttering , fi k upto plinth level : Providing M25 Grade Co ng and shuttering including l of form for all heights : Foundations, footings, ba concrete.	inforced cen nishing and oncrete cum strutting, pr ses of colum including st nding all con	ent concrete reinforceme 9.75 opping etc. a ons etc. for n 3.00 raighthening nplete.	nt in -		
4	Providin cost of a All wor (a) Centerin removal (a) Steel rei bending	ng and laying in position re- centering and shuttering , fi k upto plinth level : Providing M25 Grade Co ng and shuttering including l of form for all heights : Foundations, footings, ba concrete.	inforced cen nishing and oncrete cum strutting, pr ses of colum including st nding all con	ent concrete reinforceme 9.75 opping etc. a ons etc. for n 3.00 raighthening nplete.	nt in -		

6	Providing and laying in position reinforced cement concrete excluding cost of centering and shuttering , finishing and reinforcement in -						
	All work upto plinth level :						
	(a)	Providing M25 Grade Concrete					
				cum	0.60		
	Reinfor	ced cement con	ncrete work in	n walls inclu	uding attach	ed	
		rs, columns, pil					
7		g walls, struts					
	-	or five level ex	cluding cost	of centering	g shuttering	etc	
	complet						
	(a)	Providing M	25 Grade Con	ncrete			
				cum	1.69		
8		ng and shutteri		strutting, pr	opping etc.	and	
0	remova	<u>l of form for al</u>	l heights :				
	(c)	Columns, pil	llars, piers, ab	outments, po	osts and stru	s.	
		-	-	-	26.60		
				sam	36.60		
9		inforcement fo		0	0 0	, cutting,	
9		, placing in po		including studing all cor	raighthening nplete.		
9	bending	, placing in po	sition and bin	including studing all cor	raighthening nplete.		
9	bending	, placing in po	sition and bin	including sta ading all cor	raighthening nplete. f grade Fe-5		
9	(b)	g, placing in po Thermo-Med	sition and bin chanically Tre	including strading all corected bars of kg	raighthening nplete. f grade Fe-5 175.33	00 or more.	
9	(b) (b) Reinfor	, placing in po	sition and bin chanically Tre	including straining all corrected bars of <i>kg</i>	raighthening nplete. <u>f grade Fe-5</u> 175.33 spended floo	00 or more.	
	(b) (b) Reinfor having s bands, p	t, placing in po Thermo-Med ced cement con slope up to 15° plain window s	sition and bin chanically Tre ncrete work in landings, bal ills, staircases	including strading all corrected bars of <i>kg</i> bars, such that the bars, such that the beams, such that the beams, she bea	raighthening nplete. <u>f grade Fe-5</u> 175.33 spended floc lves, chajjas stair cases a	00 or more. ors, roofs , lintels, bove plinth	
	kending (b) Reinfor having s bands, p level up	thermo-Med Thermo-Med ced cement con slope up to 15° plain window s to floor five lo	sition and bin chanically Tre ncrete work in landings, bal ills, staircases evel, excludin	including straining all correlated bars of kg holds bars, such that the second seco	raighthening nplete. <u>f grade Fe-5</u> 175.33 spended floc lves, chajjas stair cases a	00 or more. ors, roofs , lintels, bove plinth	
9	kending (b) Reinfor having s bands, p level up	ced cement consistence of the second	sition and bin chanically Tre ncrete work in landings, bal ills, staircases evel, excludin ement comple	including strading all corrected bars of kg bars, such that the beams, such that the cost of the co	raighthening nplete. <u>f grade Fe-5</u> 175.33 spended floc lves, chajjas stair cases a	00 or more. ors, roofs , lintels, bove plinth	
	kending (b) Reinfor having s bands, p level up	ced cement consistence of the second	sition and bin chanically Tre ncrete work in landings, bal ills, staircases evel, excludin	including strading all corrected bars of kg bars, such that the beams, such that the cost of the co	raighthening nplete. <u>f grade Fe-5</u> 175.33 spended floc lves, chajjas stair cases a	00 or more. ors, roofs , lintels, bove plinth	
	kending (b) Reinfor having s bands, p level up finishin	ced cement consistence of the second	sition and bin chanically Tre ncrete work in landings, bal ills, staircases evel, excludin ement comple	including strading all corrected bars of kg bars, such that the beams, such that the cost of the co	raighthening nplete. <u>f grade Fe-5</u> 175.33 spended floc lves, chajjas stair cases a	00 or more. ors, roofs , lintels, bove plinth	
	kending (b) Reinfor having s bands, p level up finishin	ced cement consistence of the second	sition and bin chanically Tre ncrete work in landings, bal ills, staircases evel, excludin ement comple	including strading all corrected bars of kg kg bars, such the beams, such the cost of	raighthening nplete. f grade Fe-5 175.33 spended floc lves, chajjas stair cases a of centering,	00 or more. ors, roofs , lintels, bove plinth	
10	bending (b) (b) Reinfor having s bands, p level up finishin (a) Centerin	ced cement consistence of the second	sition and bin chanically Tre ncrete work in landings, bal ills, staircases evel, excludin ement comple 25 Grade Con	including strading all correct the state of	raighthening nplete. f grade Fe-5 175.33 spended floc lves, chajjas stair cases a of centering, 5.00	00 or more. ors, roofs , lintels, bove plinth shuttering,	
10	bending (b) (b) Reinfor having s bands, p level up finishin (a) Centerin	t, placing in po Thermo-Med ced cement con slope up to 15° plain window s to floor five le g and reinforce Providing M providing M	sition and bin chanically Tre ncrete work in landings, bal ills, staircases evel, excludin ement comple 25 Grade Con ng including s l heights : ns, plinth beat	including strutting, pr	raighthening nplete. <u>f grade Fe-5</u> 175.33 spended floc lves, chajjas stair cases a of centering, <u>5.00</u> opping etc. a	00 or more.	
	bending (b) (b) Reinfor having s bands, p level up finishin (a) Centerin remova	g, placing in po Thermo-Med Ced cement con slope up to 15° plain window s to floor five le g and reinforce Providing M ng and shutteri l of form for al Lintels, beam	sition and bin chanically Tre ncrete work in landings, bal ills, staircases evel, excludin ement comple 25 Grade Con ng including s l heights : ns, plinth beat	including strutting, pr	raighthening nplete. <u>f grade Fe-5</u> 175.33 spended floc lves, chajjas stair cases a of centering, <u>5.00</u> opping etc. a	00 or more.	

12	Steel rei bending							
	(b)	(b) Thermo-Mechanically Treated bars of grade Fe-500 or more.						
			kg	1174.87				
13		ng and laying in position cem ng cost of centering and shut		-	-			
	(a)	1:2:4 (1 cement :2 course s nominal size)	and :4 stor	ne aggregate	20mm			
			cum	0.76				
14	under la graded s hardene moxed (thick Cement concrete floorin ayer 50 mm cement concrete stone aggregate 20mm size)ar r consisting of mix 1:2 by vo @ 2 litre per 50kg of cement. ut excluding the cost of nosir	e 1:2:4 (1 c nd top laye lume harde This inclue	ement : 2 sa er 12 mm thi ening compo des cost of c	nd : 4 well ck cement ound ement			
	siully 0		sqm	7.59				
			1					
15	having s bands, p level up	ced cement concrete work in slope up to 15° landings, balc blain window sills, staircases to floor five level, excluding g and reinforcement complete 1:1.5:3 (1 cement : 1.5 coa	conies, she and spiral g the cost o e.	lves, chajjas, stair cases a f centering,	, lintels, bove plinth shuttering,			
	(a)	aggregate 20mm nominal		5 graded sto				
			cum	0.76				
16	Centering and shuttering including strutting, propping etc. and removal of form for all heights : (e) Suspended floors, roofs, landings, shelves and their support,							
		balconies and chajjaj,etc.	sqm	8.05				
			~ 1	5.00				
17		inforcement for RCC work in , placing in position and bind	-		, cutting,			
	-							
	(b)	Thermo-Mechanically Trea	ated bars of	f grade Fe-5	00 or more.			

18	Half brick masonry with first class brick in superstructure above plinth level upto floor V level.							
	(a) in cement moratar 1:3 (1 cement : 3 coarse sand)							
			sqm	46.45				
19		cement plaster 1:3 (1 coat of neat cement c						
			sqm	89.10				
	1.5							
20	providin	ement plaster 1:3 (1cd ng and mixing water p nended by manufactur	proofing materials	in proportio	n			
			sqm	98.69				
21		ng Ist class local wood s, clerestory windows			for doors,			
			cum	0.08				
22	Providing and fixing 1st class teak wood panelled shutters for doors etc. including M.S. butt hinges with necessary screws, etc. complete.							
		0 0	2					
			sqm	1.89				
23	Providir	ng and fixing CP Bras	sqm	1.89) bright			
23	Providir	ng and fixing CP Bras	sqm	1.89) bright			
23	Providir finished	ng and fixing CP Bras	sqm	1.89) bright			
	Providir finished (a) Providir	ng and fixing CP Bras	sqm s Sliding Door Bo s etc. complete. no s tower bolts (sock	1.89 Its (aldrops)				
	Providir finished (a) Providir	ng and fixing CP Bras with nuts and screws 300 x 16 mm	sqm s Sliding Door Bo s etc. complete. no s tower bolts (sock	1.89 Its (aldrops)				
	Providir finished (a) Providir finished	ng and fixing CP Bras with nuts and screws 300 x 16 mm ng and fixing CP brass with necessary screw	sqm s Sliding Door Bo s etc. complete. no s tower bolts (sock	1.89 Its (aldrops)				
23	Providir finished (a) Providir finished	ng and fixing CP Bras with nuts and screws 300 x 16 mm ng and fixing CP brass with necessary screw	s Sliding Door Bo etc. complete. no s tower bolts (sock /s etc. complete.	1.89 olts (aldrops) 1 tet bolts) bri				

25	Providin complete							
	(b)							
				no	2			
26	and part sections anodised (Minimu screws of necessar required rust free includin C.P. bra drawing doors, w pivots an includin	itions with extruded b of approved make con- l transparent or dyed t um anodic coating of g or with fixing clips, or by filling up of gaps at PVC/neoprene felt et , straight, mitred and j g cleat angle, Alumin ss / stainless steel scre- s and the directions of vindows & ventilators nd making provision f g the cost of PVC / ne	uilt up s nforming o requir grade AC with ex junction c. Alum jointed r ium snap ews, all o f Engine includir for fixing	standard tu g to IS: 7 red shade C 15), fix pansion h ns, at top, inium sec nechanica p beading complete eer-in-chang providing g of fitting	ubular and o 33 and IS : 1 according to ed with rawl old fastners bottom and ctions shall b ally wherever for glazing as per archit rge. For shut ing and fixin gs wherever	ther 285, IS: 1868. plugs and including sides with be smooth, or required / paneling, ectural ters of g hinges/ required		
	(b)	separately) Anodised						
				sqm	3.90			
27	shutters as per th charge .	ng and fixing glazing i and partitions etc. wit and partitions etc. wit and partitions etc. wit and partitions etc. with and partitions etc. with with glass panes of	h PVC/ igs and t	neoprene he directi	gasket etc. ons of engir	complete		
27	shutters as per th	and partitions etc. wit	h PVC/ igs and t	neoprene he directi	a gasket etc. lons of engir	complete		
27	shutters as per th charge .	and partitions etc. wit	h PVC/ igs and t	neoprene he directinn n thicknes	gasket etc. ons of engir	complete		
27	shutters as per th charge . (c) Applyin	and partitions etc. wit	h PVC/ ags and t 5.50 mm innable	neoprene the direction n thicknes <i>rm</i> cement p	a gasket etc. of ions of engir ss. 3.90	complete leer-in-		
	shutters as per th charge . (c) Applyin	and partitions etc. wit e architectural drawin With glass panes of g one coat of water th	h PVC/ ags and t 5.50 mm innable	neoprene the direction n thicknes <i>rm</i> cement p	a gasket etc. of ions of engir ss. 3.90	complete leer-in-		
	shutters as per th charge . (c) Applyin	and partitions etc. wit e architectural drawin With glass panes of g one coat of water th	h PVC/ ags and t 5.50 mm innable	neoprene the direction n thickness <i>rm</i> cement pr e :	ss. 3.90 rimer of app	complete leer-in-		
	shutters as per th charge . (c) Applyin brand an Finishin	and partitions etc. wit e architectural drawin With glass panes of g one coat of water th	h PVC/ ags and t 5.50 mm innable Il surfac emulsio	neoprene the direction n thickness rm cement pr e : sqm on of require	rimer of app	complete leer-in-		
28	shutters as per th charge . (c) Applyin brand an Finishin	and partitions etc. wit e architectural drawin With glass panes of g one coat of water th ad manufacture on wat g walls with exterior	h PVC/ ags and t 5.50 mm innable Il surfac emulsio give an o	neoprene the direction n thickness rm cement pre e : sqm on of requireven shace	rimer of app 148.19 ired shade of ired.	roved		

	Applying priming coat with ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) & Plywood.						
			sqm	3.78			
31	Painting with synthetic enamel paint of approved brand and manufacture in all shades on new work (two or more coats).						
	(b)	High gloss					
		Chaukhat					
			sqm	3.86			
				TOT	'AL (4.1) =		
4.2	Steel	Gates					
32	Steel work welded in built up sections/framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. (b) In a grating, frames, guard bar, ladders, railings, brackets, gates & similar works.						
			rm	1397.37			
33	Applying two coats of synthetic enamel paints over one coat of red oxide zinc primer of angle iron and posts and struts complete in all respect as per drawing and direction of engineer in charge						
		as per drawing and direct	ion of enginee	r in charge			
		as per drawing and direct.	rm	213.48			
				213.48	CAL (4.2) =		
				213.48	CAL (4.2) =		
1.3	3D Si	as per drawing and direction of the second s		213.48	`AL (4.2) =		
	Supplyi			213.48 TOT			
4.3	Supplyi	gboard ng, fitting and fixing of 3		213.48 TOT			
4.3	Supplyi	gboard ng, fitting and fixing of 3	D Sign board a	213.48 TOT as per direct 4.20			

Sl. No.	De	scription of Work	Unit	Qty	Rates (₹)	Amount (₹)			
5	BOX								
1		pecified work upto							
	(a)	1:2:4 (1 cement :2 cours nominal size)	e sand :4	stone aggre	gate 20mm				
			cum	28.62					
2	exclud	ing and laying in position ing cost of centering and s cement in -							
	(a)	Providing M-25 grade c	oncrete						
			cum	258.55					
3	Centering and shuttering including strutting, propping etc. and removal of form for all heights :								
	(b)	Walls including attached courses, etc.	d pillasters	s, buttresses	, string				
			sqm	1294.63					
4	Steel re cutting								
	(b)	Thermo-Mechanically T more.	reated bar	rs of grade l	Fe-500 or				
			kg	34163.1					
	1	I	I	Т	OTAL(5) =				

Sl. No. / Code No.	De	escription of Work	Unit	Qty	Rates (₹)	Amount (₹)		
6.1	RANDOM RUBBLE MASONRY WALL AND STAND ON NORTH AND EAST SIDEEarthwork in excavation in foundation trenches etc. not exceeding 2 meters depth including dressing of bottom and sides of trenches and subsequent filling and compaction in 15cm layers as in column foundations, fence posts, etc. and disposal of all surplus soil as directed within a lead of 30 metres.							
1								
	(a)	Ordinary Soil						
			cum	324.30				
2		ng and laying in position cer ng cost of centering and shu		-	-			
	(a)	1:3:6(1 cement :3 course nominal size)	sand :6 ston	e aggregate	20mm			
			cum	43.24				
3	Coursed plinth w	rubble masonry(First sort) ith:	with hard sto	one in found	lation and			
	(b)	(b) in cement mortar 1 : 4 (1cement : 4 fine sand)						
			cum	281.06				
4		rubble masonry(First sort) linth level and upto floor fiv			ructure			
	(b)	in cement mortar 1 : 4 (1	cement : 4 f	ine sand)				
			cum	487.08				
5		concrete flooring 1:2: finish g cement slurry etc. comple . 40mm thick with 2	te but exclud	ling cost of	nosing of			
			sqm	451.00				
6	12mm c	ement plaster 1:3 (1 cement	: 3 fine sand	l)				
			sqm	127.50				
						1		

	und mun	ufacture on wall surface :				
			sqm	416.50		
8		g walls with exterior emulsion more coats) to give an even	-	ed shade or	new work	
	(a)	Regular exterior emulsion	like superc	ote, walmas	sta etc.	
		Cement Priming area	sqm	416.50		
				TO	ΓAL(6.1)=	
6.2	Galler	OM RUBBLE MASON y Building)				E (Behind
9	meters d subseque foundati	rk in excavation in foundatio epth including dressing of bo ent filling and compaction in ons, fence posts, etc. and disp lead of 30 metres.	ottom and si 15cm layer	ides of trend rs as in colu	ches and mn	
	(a)	Ordinary Soil				
			cum	52.08		
10		g and laying in position ceme g cost of centering and shutt				
	(a)	1:3:6(1 cement :3 course sa nominal size)	and :6 stone	e aggregate	20mm	
			cum	6.94		
11		rubble masonry(First sort) w linth level and upto floor five		1	tructure	
	(b)	in cement mortar 1 : 4 (1c	ement : 4 fi	ine sand)		
			cum	160.70		
		concrete flooring 1:2: finishe g cement slurry etc. complete				
12	steps etc	40mm thick with 20mm thick	·			

6.3	RAND Ground								
13	Earthwork in excavation in foundation trenches etc. not exceeding 2 meters depth including dressing of bottom and sides of trenches and subsequent filling and compaction in 15cm layers as in column foundations, fence posts, etc. and disposal of all surplus soil as directed within a lead of 30 metres.								
	(a)	Ordinary Soil							
			cum	34.44					
14	-	and laying in position ceme cost of centering and shutte		-	-				
	(a)	1:3:6(1 cement :3 course sa nominal size)	nd :6 ston	e aggregate	20mm				
			cum	4.59					
15		rubble masonry(First sort) with the two states of the two states and the two states of two stwo states of two states of tw			ructure				
	(b)	in cement mortar 1 : 4 (1ce	ement : 4 f	ine sand)					
			cum	94.46					
				TO	ΓAL(6.3) =				
6.4		OM RUBBLE MASON und and parking area)	RY WA	LL ON S	OUTH SII	DE (Below			
16	meters de subsequer foundatio	k in excavation in foundation pth including dressing of bo nt filling and compaction in ns, fence posts, etc. and disp ead of 30 metres.	ttom and s 15cm layer	ides of trenc rs as in colu	ches and mn				
	(a)	Ordinary Soil							
			cum	51.77					
17		and laying in position ceme cost of centering and shutte		-	•				
	(a)	1:3:6(1 cement :3 course sa nominal size)	nd :6 ston	e aggregate	20mm				
			cum	6.90					

18		rubble masonry(First sort) w linth level and upto floor five		-	tructure	
	(b)	in cement mortar 1 : 4 (1ce	ement : 4 f	ine sand)		
			cum	146.42		
				ΤΟ	ΓAL(6.4) =	
				Т	OTAL(6)=	

Sl. No. / Code No.	De	escription of Work	Unit	Qty	Rates (₹)	Amount (₹)
7	Pathw (West S	yay, Parapet Wall, Cha Side)	inlink fe	ncing and	Corridor	Seating
1	Reinford pillasters retaining	ed cement concrete work in s, columns, pillers, posts, pie g walls, struts, buttresses, st or five level excluding cost o	ers, abutme ring or laci	ents, return v ing courses,	valls, fillets etc.	
	(a)	1:1.5:3 (1 cement : 1.5 cc aggregate 20mm nominal		: 3 graded st	one	
			cum	1.45		
2	Centerin removal	and				
	(c)	Columns, pillars, piers, ab			its.	
			sqm	38.70		
3		nforcement for RCC work in , placing in position and bind	ding all co	mplete.		
	(b)	Thermo-Mechanically Tre more.	eated bars of	of grade Fe-:	500 or	
			kg	365.50		
4	First clas level in:	ss brick work in superstructu	ure above p	olinth level u	ıpto floor V	
	(b)	in cement moratar 1:4 (1	cement : 4	coarse sand)	
			cum	16.04		
5		k masonry with first class b vel upto floor V level.	rick in su	perstructure	above	
	(a)	in cement moratar 1:3 (1	cement : 3	coarse sand)	
			sqm	144.37		
6	precast r copings, includin	g, hoisting and fixing above einforced cement concrete v bed plates, anchor blocks, p g the cost of required center einforcement, with 1:1.5:3 (vork in stri plain winde ing, shutte	ng courses, ow sills and ring but , exe	bands, the like, cluding	

bending, placing in position and binding all complete. (b) Thermo-Mechanically Treated bars of grade Fe-500 or more. kg 2199.60 12mm cement plaster 1:3 (1 cement : 3 fine sand) 12mm cement plaster 1:3 (1 cement : 3 fine sand) Providing and laying in position cement concrete of specified grade excluding cost of centering and shuttering - All work upto plinth level: (a) 1:2:4 (1 cement :2 course sand :4 stone aggregate 20mm nominal size) 62 mm thick Cement concrete flooring with concrete hardener topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size) and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete. Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 20 m anart embedded in cement concrete		1							
l_{1} bending, placing in position and binding all complete. (b) Thermo-Mechanically Treated bars of grade Fe-500 or more. kg 2199.60 8 12mm cement plaster 1:3 (1 cement : 3 fine sand) 8 12mm cement plaster 1:3 (1 cement : 3 fine sand) 9 Providing and laying in position cement concrete of specified grade excluding cost of centering and shuttering - All work upto plinth level: (a) 1:2:4 (1 cement :2 course sand :4 stone aggregate 20mm nominal size) 62 cum 13.22 63 cum 13.22 64 cum 13.22 65 cum 13.22 62 providing and fixing M.S. grills of required pattern in frames of cement slurry but excluding the cost of nosing of steps etc. complete. 90 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 1 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggregate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.				cum	22.00				
' bending, placing in position and binding all complete. (b) Thermo-Mechanically Treated bars of grade Fe-500 or more. kg 2199.60 8 12mm cement plaster 1:3 (1 cement : 3 fine sand) 9 Forviding and laying in position cement concrete of specified grade excluding cost of centering and shuttering - All work upto plinth level: (a) 1:2:4 (1 cement :2 course sand :4 stone aggregate 20mm nominal size) 62 mm thick Cement concrete flooring with concrete hardener topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size)and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete. 10 sqm 132.22 11 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 12 sqm 25.30 12 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggregate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.									
(b) more. kg 2199.60 8 12mm cement plaster 1:3 (1 cement : 3 fine sand) 8 12mm cement plaster 1:3 (1 cement : 3 fine sand) 9 Sqm 319.25 9 Providing and laying in position cement concrete of specified grade excluding cost of centering and shuttering - All work upto plinth level: (a) 1:2:4 (1 cement :2 course sand :4 stone aggregate 20mm nominal size) 62 mm thick Cement concrete flooring with concrete hardener topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size)and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete. 10 Sqm 132.22 11 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 12 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.	7								
8 12mm cement plaster 1:3 (1 cement : 3 fine sand) 9 sqm 319.25 9 Providing and laying in position cement concrete of specified grade excluding cost of centering and shuttering - All work upto plinth level: (a) 1:2:4 (1 cement :2 course sand :4 stone aggregate 20mm nominal size) 62 mt hick Cement concrete flooring with concrete hardener topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size)and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete. 10 sqm 132.22 11 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 12 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggregate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.		(b)		ally Treated bars of	of grade Fe-:	500 or			
sqm 319.25 9 Providing and laying in position cement concrete of specified grade excluding cost of centering and shuttering - All work upto plinth level: (a) 1:2:4 (1 cement :2 course sand :4 stone aggregate 20mm nominal size) 62 mm thick Cement concrete flooring with concrete hardener topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand :4 well graded stone aggregate 20mm size) and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete. 10 sqm 132.22 11 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. sqm 25.30 12 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggregate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.				kg	2199.60				
9 Providing and laying in position cement concrete of specified grade excluding cost of centering and shuttering - All work upto plinth level: (a) 1:2:4 (1 cement :2 course sand :4 stone aggregate 20mm nominal size) 62 mm thick Cement concrete flooring with concrete hardener topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size) and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete. 10 sqm 132.22 11 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. sqm 25.30 12 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggregate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.	8	12mm c	ement plaster 1:3 (1 c	ement : 3 fine san	ld)				
9 excluding cost of centering and shuttering - All work upto plinth level: (a) 1:2:4 (1 cement :2 course sand :4 stone aggregate 20mm nominal size) 62 mt thick Cement concrete flooring with concrete hardener topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size)and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete. 10 sqm 132.22 11 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 12 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.									
9 excluding cost of centering and shuttering - All work upto plinth level: (a) 1:2:4 (1 cement :2 course sand :4 stone aggregate 20mm nominal size) 62 mt thick Cement concrete flooring with concrete hardener topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size)and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete. 10 sqm 132.22 11 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 12 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.									
(a) nominal size) cum 13.22 62 mm thick Cement concrete flooring with concrete hardener topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size)and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete. sqm 132.22 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. sqm 25.30 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.	9	excludin	ng cost of centering a	nd shuttering - Al	l work upto	plinth			
62 mm thick Cement concrete flooring with concrete hardener topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size)and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete. 10 sqm 132.22 11 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 12 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggregate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.		(a)		course sand :4 stor	ne aggregate	e 20mm			
10topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size) and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete.10sqm132.2211Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.12Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.				cum	13.22				
10topping under laayer 50 mm cement concrete 1:2:4 (1 cement : 2 sand : 4 well graded stone aggregate 20mm size) and top layer 12 mm thick cement hardener consisting of mix 1:2 by volume hardening compound moxed @ 2 litre per 50kg of cement. This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete.10sqm132.2211Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.12Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.									
Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. sqm 25.30 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.				~					
11 windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 12 sqm 25.30 12 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.	10	topping : 4 well cement h compour	under laayer 50 mm o graded stone aggrega hardener consisting of nd moxed @ 2 litre p	cement concrete 1 te 20mm size)and f mix 1:2 by volur er 50kg of cement	:2:4 (1 ceme top layer 12 ne hardenin .This includ	ent : 2 sand 2 mm thick g es cost of			
11 windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 12 sqm 25.30 12 Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.	10	topping : 4 well cement h compour	under laayer 50 mm o graded stone aggrega hardener consisting of nd moxed @ 2 litre p	cement concrete 1 te 20mm size)and f mix 1:2 by volur er 50kg of cement he cost of nosing of	2:4 (1 ceme top layer 12 ne hardenin .This includ of steps etc.	ent : 2 sand 2 mm thick g es cost of			
Polysteel goat proof fencing mild steel netting with angle iron posts 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.	10	topping : 4 well cement h compour	under laayer 50 mm o graded stone aggrega hardener consisting of nd moxed @ 2 litre p	cement concrete 1 te 20mm size)and f mix 1:2 by volur er 50kg of cement he cost of nosing of	2:4 (1 ceme top layer 12 ne hardenin .This includ of steps etc.	ent : 2 sand 2 mm thick g es cost of			
¹² 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.	10	topping : 4 well g cement h compound cement s	under laayer 50 mm of graded stone aggrega hardener consisting of nd moxed @ 2 litre po- slurry but excluding the grand fixing M.S. gri s etc. with M.S. flats,	cement concrete 1 te 20mm size)and f mix 1:2 by volur er 50kg of cement he cost of nosing of sqm Ils of required pat square or round b	:2:4 (1 ceme top layer 12 ne hardenin This includ of steps etc. 132.22 tern in fram ars etc. incl	ent : 2 sand 2 mm thick g es cost of complete. es of			
¹² 50 x 50 x 6mm size placed 2.0m apart embedded in cement concrete block 1:3:6 (1 cement : 3 sand : 6 stone aggegate) of size 25 x 25 x 60 cmfixing with nails and wire etc. including earthwork complete.		topping : 4 well g cement h compound cement s	under laayer 50 mm of graded stone aggrega hardener consisting of nd moxed @ 2 litre po- slurry but excluding the grand fixing M.S. gri s etc. with M.S. flats,	cement concrete 1 te 20mm size)and f mix 1:2 by volur er 50kg of cement he cost of nosing of sqm Ils of required pat square or round b teel primer all con	:2:4 (1 ceme top layer 12 ne hardenin This includ of steps etc. 132.22 tern in fram pars etc. inclu- nplete.	ent : 2 sand 2 mm thick g es cost of complete. es of			
		topping : 4 well g cement h compound cement s	under laayer 50 mm of graded stone aggrega hardener consisting of nd moxed @ 2 litre po- slurry but excluding the grand fixing M.S. gri s etc. with M.S. flats,	cement concrete 1 te 20mm size)and f mix 1:2 by volur er 50kg of cement he cost of nosing of sqm Ils of required pat square or round b teel primer all con	:2:4 (1 ceme top layer 12 ne hardenin This includ of steps etc. 132.22 tern in fram pars etc. inclu- nplete.	ent : 2 sand 2 mm thick g es cost of complete. es of			
		topping : 4 well ; cement h compoun- cement s Providin windows priming Polystee 50 x 50 s block 1::	under laayer 50 mm of graded stone aggrega hardener consisting of nd moxed @ 2 litre po- slurry but excluding the ag and fixing M.S. gri s etc. with M.S. flats, coat with approved store el goat proof fencing r x 6mm size placed 2. 3:6 (1 cement : 3 sand	cement concrete 1 te 20mm size)and f mix 1:2 by volur er 50kg of cement he cost of nosing of sqm Ils of required pat square or round b teel primer all con sqm nild steel netting v 0m apart embedded d : 6 stone aggegat	:2:4 (1 ceme top layer 12 ne hardenin This includ of steps etc. 132.22 tern in fram ars etc. incl nplete. 25.30 with angle in ed in cement te) of size 22	ent : 2 sand 2 mm thick g es cost of complete. es of uding on posts concrete 5 x 25 x 60			

Sl. No.	De	scription of Work	Unit	Qty	Rates (₹)	Amount (₹)
8	DEV	ELOPMENT OF PA	RKING	AREA		
1	plinth,	ing and filling stone aggre etc. in layers not exceedi idating each layer by rami ete.	ng 10 cms	s in depth,		
			cum	70.00		
2		ing and laying in position excluding cost of centerin evel:			L	
	(a)	1:2:4 (1 cement :2 cours nominal size)	e sand :4	stone aggreg	gate 20mm	
			cum	70.00		
	•		•		•	
				TC	OTAL (8)=	

	De	scription of Work	Unit	Qty	Rates (₹)	Amount (₹)
9	DRA	INAGE				
9.1	Side	Drain				
1	exceed of tren layers	vork in excavation in foun ling 2 meters depth includ ches and subsequent fillin as in column foundations, plus soil as directed within	ing dressing and con	ng of bottor paction in sts, etc. and	n and sides 15cm	
	(a)	Ordinary Soil				
			cum	80.69		
2		ing and laying in position excluding cost of centerin level:			-	
	(a)	1:2:4 (1 cement :2 cours nominal size)	se sand :4	stone aggre	gate 20mm	
			cum	17.93		
3		 rick masonry with first cla level upto floor V level.	ass brick i	n superstru	cture above	
	(a)	in cement moratar 1:3 (1 cement	: 3 coarse sa	and)	
			sqm	228.20		
4	provid	cement plaster 1:3 (1cem ing and mixing water proc mended by manufacturer of	ofing mate	rials in pro	portion	
			sqm	277.10		
5	hollow in posi includi comple cases i	ncluding use of chequered	cluding cung coat of the special treads, lan	tting, hoisti approved s shaped was dings etc. o	ng, fixing teel primer, hers etc. f stair-	
	comple	ະເບ.	kg	2955.02		
			~~8		TAL(9.1) =	

9.2	Hum	e Pipe - West Side al	oove toil	et block t	o main dra	ain
6	exceed of trend layers	ork in excavation in foun- ing 2 meters depth includ- ches and subsequent fillin as in column foundations, plus soil as directed within	ing dressi g and con fence pos	ng of bottor npaction in sts, etc. and	n and sides 15cm	
	(a)	Ordinary Soil				
			cum	123.75		
7			g and shu	ttering - Al	l work upto	
	(a)	1:2:4 (1 cement :2 cours nominal size)	e sand :4	stone aggre	gate 20mm	
			cum	5.50		
8	culvert row ind excava	ing and laying Reinforced s on first class bedding of cluding fixing collar with tion, protection work, bac in head walls and parapet	a granula cement m	r material in ortar 1:2 bu	n single It excluding	
	(c)	Hume Pipe 750mm dia	rm	55.00		
				ТОТ	TAL (9.2) =	
				ТС	DTAL (9) =	

Sl. No	Description of Work	Unit	Qty	Rates (₹)	Amount (₹)
10	SYNTHETIC ARTIFIC	IAL TU	RF		
1	Supply & Installation of FIFA (Sports Artificial Turf from FIFA Pile Height of 60 MM with foll Composition PE, Structure Mor Fibrillated Yarn, Emerald & Lin thickness 260µm & 85µm, Tape height 60mm±1mm, Gauge 3/4 Stitches per m2 6825±100 acco weight 1620 Gms/Sqm ±10%, I Weight 250 Gms/ Sqm, Second Gms/Sqm ±10%, Total Carpet v Water Permeability of Turf carp Silica sand at the ratio of 15 kg/ of 17 kg/m2 Infill as FIFA stand Installation of Turf should be de PU adhesive. Adhesive TDS sh properties: Colour &Form : Grass- green p component, polyurethane – read Specific Gravity : 1480 g/litre, 100%, Application: Notched tro applying to Seaming Tape.	A Preferre owing spenofilament me colour e width 1. inch, Stite rding to IS Double lay ary backin weight 302 bet: > 2000 (m2 & SB dard & Te one using ould matc aste, Char ction adhe Viscosity: owel or by	d Manufact cification; t, V Shape & , Dtex 1750 10mm & 6.0 ches per 100 SO 1773, To yer PU Back ng Weight 1 20 Gms/Sqn 0 mm/hr, In R Granules st report. a seam tape h the follow acteristics: 2 sive for outo suitable ma	urer having & 0, Tape 0mm, Pile cm 13 \pm 1, otal yarn ting, 150 n \pm 10%, filling of at the ratio & suitable ving basic 2 door use, c, Solids:	
		sqm	4079.60		

				sqm	846.00		
3	artificia	al grass with er-in-charge.	taping, stite	0		0	
	Supply	ing & Install	ation of 35	mm Straio	ht natural le	ok green	
				sqm	4079.60		
				sqm			
	12. Dra	in Chambers	s on end cor		4050.00	ment	
	6mm n	netal stone m	ixed with G	rit			
	site of 11. Pro	work. viding and la	iving of con	upacted ur	to 20mm th	ick with	
		ired level as	per Drawing	gs includir	ig all carriag	ges upto	
		10mm metal	• •				
	work.	viding and la	iving of con	nnacted ur	oto 30mm th	uck with	
	desired	level as per					
		iding and lay		· •			
	per site	requirement	s) towards f	our side			
		oort Retainin Width and H	0	0		•	
2	7. Pipe	s would be p	laced on PC	C Base			
2		f 200mm dia on both side	00	-	-		
	6. Prov	iding and lay	ving of perfo	orated PV	C drain pipe		
		bly and Placit	-		-	paration	
	cover-u	p desired Le	ngth (As sh	own in Dr	awing)		
		f 160mm Ou be placed dia		00	1	-	
		iding and lay	0 1		1 1		
		dicide Treati				,	
	-	aring the slop paction of su	-			2	
		ering that clie ired levels	int will prov	fue us fair	a with som i	mm as per	
	CONSIG				a with coil i		

Sl. No. / Code No.	Des	cription of Work	Unit	Qty	Rates (₹)	Amount (₹)
11	SAN	ITARY AND WA	TER S	UPPLY		
11.1	Sept	ic Tank and Soak	Pit			
1	exceed and si compa fence	work in excavation in f ding 2 meters depth ind des of trenches and sul action in 15cm layers a posts, etc. and disposa ed within a lead of 30	cluding d osequent is in colu l of all su	lressing of filling and mn founda	bottom 1 ations,	
	(b)	Very Hard Soil	1			
			cum	17.24		
2	specif	ding and laying in posi ied grade excluding co ring - All work upto pl	ost of cer	ntering and		
	(a)	1:2:4 (1 cement :2 co 20mm nominal size)	urse sand	d :4 stone	aggregate	
			cum	0.73		
			<u> </u>		T	
3	concre	ding and laying in posi ete of specified grade e nuttering - All work up	excluding	g cost of c		
	(a)	1:1.5:3 (1 cement :1.5	5 course	sand :3 sto	one	
	(u)	aggregate 20mm nom		(
			cum	2.69		
4		ring and shuttering inc nd removal of form for	all heigh	nts :		
	(a)	Foundations, footings mass concrete.	s, bases c	of columns	s etc. for	
			sqm	24.76		
5	straig	reinforcement for RCC hthening, cutting, bend ng all complete.		0	ition and	
	(b)	Thermo-Mechanicall 500 or more.	y Treated	d bars of g	rade Fe-	
			kg	268.60		

		brick masonry with			aval		
		structure above plin in cement morata					
	(a)		11.5 (1 cent	cm . 5 co	arse sand		
			sqm	19.50			
	15 m	m cement plaster 1:	3 (1 cement :	3 coarse	sand)		
7		ed with a floating c					
	side c	of single or half brid	ck wall.		-		
			sqm	11.00			
				ТОТА	L (11.1) =		
				1011			
11.2	Sani	tary fittings and	d pipeline				
8	pipe, v all fitt floors	P or S trap, 10 litre with manually contrings and fixtures co wherever required:	rolled device omplete, inclu	(handle le Iding cutt	ever) confor	ming to IS:	7231, with
	(a)	Orrisa pan with i	ntegral type f	oot rests			
	(i)	White					1
					no	5	
					no	5	
9	pan) w flush p with a	ling and fixing vitre vith seat and lid, 10 pipe, with manually ll fittings and fixtur pors wherever requi	litre low leve controlled d res complete,	el white P evice (hai	e water clos P.V.C. flushindle lever),	set (Europear ng cistern, in conforming t	icluding o IS : 7231,
9	pan) w flush p with a	vith seat and lid, 10 pipe, with manually ll fittings and fixtu	litre low leve controlled d res complete,	el white P evice (hai	e water clos P.V.C. flushindle lever),	set (Europear ng cistern, in conforming t	icluding o IS : 7231,
9	pan) w flush p with a and flo	with seat and lid, 10 pipe, with manually ll fittings and fixtur pors wherever requi	litre low leve controlled d res complete,	el white P evice (hai	e water clos P.V.C. flushindle lever),	set (Europear ng cistern, in conforming t	icluding o IS : 7231,
9	pan) w flush p with a and flo	with seat and lid, 10 pipe, with manually ll fittings and fixtur pors wherever requi	litre low leve controlled d res complete,	el white P evice (hai	be water close N.C. flushindle lever), g cutting and	set (Europear ing cistern, in conforming t l making goo	icluding o IS : 7231,
9	pan) w flush p with a and flo (i) Provid mount hinged	with seat and lid, 10 pipe, with manually ll fittings and fixtur pors wherever requi	litre low leve controlled d res complete, ired : ite vitreous cl & Cistern co e nos of grab	el white P evice (har including nina (Mat omplete w rails 60 c	e water close P.V.C. flushindle lever), g cutting and no rix Set -1) V with fittings of cm, with all	set (Europear ing cistern, in conforming t d making goo 8 VB 65 x 35 v & seat cover, fittings and f	vith one pair one no ixtures
	pan) w flush p with a and flo (i) Provic mount hingec compl :	vith seat and lid, 10 pipe, with manually ll fittings and fixtur pors wherever requi White ling and fixing Whiting brackets, EWC I rail 76 cm and five ete, including cutting	litre low leve controlled d res complete, ired : ite vitreous cl & Cistern co e nos of grab	el white P evice (har including nina (Mat omplete w rails 60 c	e water close P.V.C. flushindle lever), g cutting and no rix Set -1) V with fittings of cm, with all	set (Europear ing cistern, in conforming t d making goo 8 VB 65 x 35 v & seat cover, fittings and f	vith one pair one no ixtures
	pan) w flush p with a and flo (i) Provid mount hinged	vith seat and lid, 10 pipe, with manually ll fittings and fixtur pors wherever requi White ling and fixing Whiting brackets, EWC I rail 76 cm and fiv	litre low leve controlled d res complete, ired : ite vitreous cl & Cistern co e nos of grab ng and makin	el white P evice (har including nina (Mat omplete w rails 60 c	e water close P.V.C. flushindle lever), g cutting and no rix Set -1) V with fittings of cm, with all	set (Europear ing cistern, in conforming t d making goo 8 VB 65 x 35 v & seat cover, fittings and f	vith one pair one no ixtures

	(i)	White	no	6	
13		ling and fixing Health faucet with fle y and make as approved by Engineer	-	netre long and	holder
			no	13	
		ling and fixing vitreous china tall pe			
14	-	alent make for wash basin completely and fittings. White	y recessed at the ba	ick for the rece	
			no	15	
15		ling and fixing CP Brass 32mm size per the direction of Engineer-in-cha		roved quality of	& make
			no	15	
16	approv	ling anf fixing 600x450mm bevelled ved quality) complete with 6mm thic C.P. brass screws and washers.			
			no	15	
			no	13	

		1 1	lard size.		
			no	7	
19	Provid	ling and fixing soap dish fixed with C	.P. brass screws.		
		A05 Changing Rooms	no	4	
20		ding and fixing on wall face SWRPVC ng with rubber lubricant/cement solven		ent pipes inclu	lding
	(a)	110mm dia	rm	225	
	(b)	75mm dia	rm	110	
21		ding and fixing SWRPVC plain bend ong with rubber lubricant/cement solven		36	
	(b)	75mm dia	nos	22	
	(b)		nos.		
22	Drovi				
		ling and fixing SWRPVC bend with ac ng with rubber lubricant/cement solven 110mm dia SWRPVC bend with access door.	-	red degree in	cludir
	jointir	ng with rubber lubricant/cement solven 110mm dia SWRPVC bend with	t complete.		cludir
23	jointin (a) (b)	ng with rubber lubricant/cement solven 110mm dia SWRPVC bend with access door. 75mm dia SWRPVC bend with access door. ding and fixing single equal SWRPVC on).	nos.	35 19	
23	(a) (b) Provid	ng with rubber lubricant/cement solven 110mm dia SWRPVC bend with access door. 75mm dia SWRPVC bend with access door. ding and fixing single equal SWRPVC	nos.	35 19	
23	jointin (a) (b) Provid junctio	ng with rubber lubricant/cement solven 110mm dia SWRPVC bend with access door. 75mm dia SWRPVC bend with access door. ding and fixing single equal SWRPVC on). 110x110x110mm.	t complete. nos. nos. plain junction of 1	35 19 required degree 32	
23	jointin (a) (b) Provid junctio	ng with rubber lubricant/cement solven 110mm dia SWRPVC bend with access door. 75mm dia SWRPVC bend with access door. ding and fixing single equal SWRPVC on).	t complete. nos. nos. plain junction of 1	35 19 required degree	
	jointin (a) (b) Provid junction (a) (b) Provid	ng with rubber lubricant/cement solven 110mm dia SWRPVC bend with access door. 75mm dia SWRPVC bend with access door. ding and fixing single equal SWRPVC on). 110x110x110mm.	t complete. nos. plain junction of 1 nos. nos. nos.	35 19 required degree 32 26	
23	jointin (a) (b) Provid junction (a) (b) Provid	ng with rubber lubricant/cement solven 110mm dia SWRPVC bend with access door. 75mm dia SWRPVC bend with access door. ding and fixing single equal SWRPVC on) . 110x110x110mm. 75x75x75mm. ding and fixing SWRPVC socket include	t complete. nos. plain junction of 1 nos. nos. nos.	35 19 required degree 32 26	
	jointin (a) (b) Provid junctio (a) (b) Provid lubric	ng with rubber lubricant/cement solven 110mm dia SWRPVC bend with access door. 75mm dia SWRPVC bend with access door. ding and fixing single equal SWRPVC on). 110x110x110mm. 75x75x75mm. ding and fixing SWRPVC socket include ant/cement solvent.	t complete.	35 19 required degree 32 26 rubber	

Bidding Document for Construction of Playground at Tuivamit

Single-Stage: Two-Envelope

25	Providing and fixing ventilation cowl including jointing with rubber lubricant/cement solvent complete.								
	(a)	110mm SWRPVC vent			nos.	9			
	(b)	75mm SWRPVC vent	cowl		nos.	12			
	, í								
26	Providing and fixing uPVC multi floor trap with floor trap grating including jointing with rubber lubricant/ solvent cement complete.								
					nos.	30			
27	with (brack equiv		steel plug ood the wa	40 mm, inc alls whereve	luding r requ	g painting of	fittings and		
	(b)	Single Sink 610x460 m	im bowl de	epth 200mm	l	T			
					nos.	2			
						Т	OTAL (11.2		
11.3	Wate	er Supply and Plumb	oing						
28	water s and ma	ling and placing on terrac storage tank, with cover a sking necessary holes for hout fittings and the base	nd suitable inlet, outle	locking arr and overfl	angen	nent			
	(a)	Sintex or quivalent	litre	10000.00					
		· ·							
29		ing and fixing C.P. brass and of approved make co	-		of star	ndard			
	(b)	15 mm nominal bore.	100	33					
		Class-II	nos.						
30	Provid cock fo	Class-II ing and fixing 15 mm nor or basin mixer and geyser ming to IS:8931.	ninal bore	C.P. brass a	0	top			
30	Provid cock fo	ing and fixing 15 mm nor or basin mixer and geyser	ninal bore	C.P. brass a	0	top			
30	Provid cock fo	ing and fixing 15 mm nor or basin mixer and geyser ming to IS:8931.	ninal bore points of a	C.P. brass a approved qu	0	top			
30	Provid cock for conform (b) Provid	ing and fixing 15 mm nor or basin mixer and geyser ming to IS:8931.	ninal bore points of a nos.	C.P. brass a approved qu	ality				

32	Provid pillar c					
	(b)	Class-II	nos.	18		
33	nomin	ing and fixing chromium al bore of approved make and making good the wa	with nesce			
	(iv)	Wall Mixer 3-in-1 with Shower both)		for OH & h	nand	
			nos.	4		
34	pipes, includi fixing jointin and tes Charge Interna					
		20mm dia nominal		140		
	(b)	bore	rm	140		
	(e)	40mm dia nominal bore	rm	240		
35	Extra f upto 7 pipes,					
			rm	50		
36	Making connection of CPVC pipes distribution branch by providing and fixing equal Tee with jointing, testing complete including cutting and making good etc.					
	(b)	20mm dia nominal bore.	nos.	53		
					1	
	(e)	40mm dia nominal bore.	nos.	16		
37	Makin provid		PVC pipes of the with join	distribution		

	Makin	g connection of Astral CP	VC pipes di	istribution	branch by		
38	provid						
	includi	ing cutting and making go	od etc.				
	(b)	20mm dia.	nos.	24			
	(e)	40mm dia.	nos.	10			
39	provid	g connection of Astral CP ing and fixing Reducing 'L ete including cutting and n	L' Ebow 900	o with joint	•		
	(a)	20x15mm	nos.	85			
40	provid	g connection of Astral CP ing and fixing Female Ada complete including cuttin	aptor (Brass	s) with join ng good et	iting,		
	(b)	20mm dia.	nos.	32			
41	provid	g connection of Astral CP ing and fixing Socket/Cou ete including cutting and n	pling with j	jointing, te			
	(b)	20mm dia.	nos.	24			
	(e)	40mm dia.	nos.	32			
42	Provid						
	(b)	20mm dia.	nos.	10			
	(e)	40mm dia.	nos.	10			
43	Providing and fixing CPVC Ball valve/ Globe/Stop & Waste valve/ Boiler drain etc. Complete.						
	(b)	20mm nominal bore	nos.	20			
	(e)	40mm nominal bore	nos.	16			
				ТОТ	AL (11.3) =		
		TOTAL(Internal S	Sanitary a	nd Water	• Supply)=		
		External Serv	vice Conn	ection (L	ump Sum)		

Sl no	Description of Items	Unit	Qnty	Rate (₹)	Amount (₹)
	LIGHTING AND POWER WIRINGS				
1	Wiring in looping system with PV0 conductor/wires as per IS:694(199 Halogen (FR-LSH)1100 voltage gr copper 1.5 sqmm running inside PV 20mm dia' fixed,recess inside the v including junction box having requ switch to the light point/fan point/e	0) and Fla aded copp VC conduity vall/ceiling ired numb	ame retardan per flexible v it pipe (Hea g/floor as pe pers of ways	t low smoke & vire stranded vy Duty) r convinience from control	
	A. TO A LIGHT POINT:				
	a) One point controlled by one switch				
	(B) Short point (Modular)	nos.	35		
	(C) Medium point (Modular)	nos.	49		
	(D) Long point (Modular)	nos.	9		
	B. TO A CEILING FAN POINT;				
	(C) Medium point	nos.	18		
2	MAIN TO SUB-MAIN IN COPPER WIRE GRADE-II (SINGLE PHASE TWO WIRES)				
	Wiring in looping system with PVC w conductor/wires as per IS:694(1990) a Halogen (FR-LSH)1100 voltage grade running inside PVC conduit pipe (Hea recess inside the wall/ceiling/floor as p having required numbers of ways from SDB/Switch boards/SDB to switch bo (A) 2X2.5 Sqmm copper	and Flame and copper flavy Duty) 2 ber convinion Main to S	retardant low exible wire st 25/32/40/50 n ence includin ub-Main/DB	smoke & randed copper nm dia' fixed g junction box sub-main/DB to	
	conductor/cable + 1x2.5 Sqmm earthwire (Essential)	rm	270		
	(A) 2X2.5 Sqmm copper conductor/cable + 1x2.5 Sqmm earthwire (Non-Essential)	rm	270		
	(B) 2X4 Sqmm copper conductor/cable + 1x4.0 Sqmm earthwire (Essential)	rm	120		
	(B) 2X4 Sqmm copper conductor/cable + 1x4.0 Sqmm earthwire (Non-Essential)	rm	120		
	LIGHTING FIXTURES AND FANS				

3	Supplying of all types of CFL/LED/FL Ceiling moun cover/industrial type surface type with electronic bal /electronic filter etc.in complete as follows:-			
	1630) Downlighter 12W LED 6K ENDURA DL Surface mounted LED downlighter in powder coated white finish with integrated HF electronic driver (Havells/phillips/Crompton/Bajaj/SYSKA)	nos.	46	
	1553) LED Batten fitting 1X20W 6K Endura elegance with LED tube (Havells/Philips/Bajaj)	nos.	26	
4	Supplying of pre-wired ceiling fan as per IS:374 (1979) in a set includ-ing standard down rod, canopy, AC ceiling fan machines, regulator etc. in completed as folows:-			
	2048) Ceiling fan 1200mm sweeps ISI marked 3 blades (Usha/cromton/equivalent)	nos.	2	
	2065) Bracket Wall mounting Fan 750mm sweeps ISI marked (Usha/cromton/equivalent)	nos.	9	
	MCB DISTRIBUTION BOARD (DB)			
5	Supplying and fixing of different numbers of ways M SP&N, TP&N in sheet steel phosphatised powder pai Neutral link, earth Bar and Din rail conforms to IS:13 240/415 volts 50Hz. AC supply on surface including etc, in completed as follows:-	inted MCB D 3032, IS:8623	B Bus Bar, , BS:5486	
	(10) 8-ways MCB DB SP&N Acrylic Double Door	nos.	3	
	09) 4-ways MCB DB SP&N Acrylic Double Door	nos.	2	
	MANIATURE CIRCUIT BREAKER (MCB)			
6	Supplying, fitting & fixing in complete of all types and rating of maniature circuit breaker (MCB) TP & N and SP L/G series 240/415 volts 50Hz in the			
	(13) MCB SP C series 5-32 Amps	nos.	22	
	05) 40Amps DP MCB B-series	nos.	3	
	SWITCH BOARD AND SWITCHES Grade-II			

7	Supplying and fixing of Modular switch board of the following sizes/modules on surface/recess including PVC/Steel boxes,modular plate and necessary switches, plug/socket, and fan regulators etc. with necessary painting if necessary					
	A. ONE MODULE					
	01) 1S	nos.	2			
	C. THREE MODULE					
	40) 1S+1 soc	nos.	6			
	49) 1S+1 R	nos.	4			
	D. FOUR MODULE					
	56) 2S + 1Soc	nos.	7			
	E. SIX MODULE					
0	111) 5S + 1R	nos.	13			
	F. EIGHT MODULE					
	128) 85	nos.	5			
	EARTHING AND LOOP EARTHING					
8	(8) Advance Maintenance Free Earth electrode 68mm 3 Meter length 3.6mm wall thickness copper bondedthick wall with 1 bags back filling compound electrode	nos.	1			
9	Providing & Laying of earth connection from earth electrode with 6 SWG GI wire in 15mm dia' G.I pipe from earth electrode as required.	rm	19			
10	(04) Providing & fixing of lightning conductor finial, made of copper five finger system with 85mm diameter 3mm thick base plate including holes etc completed.	Set	1			
	(60) Providing & fixing of copper tape 20mm X3mm thick on parapet or surface of wall for lightning conductor in complete (for vertical run)	rm	25			
	(61)Rivetting, sweating and soldering of copper tape (with another copper tape base of the finial or any other metallic object) as required	nos.	7			
	(65) Proving & fixing of testing joint made of 20mm X3mm thick copper strip 125mm long with 4-nos of tinned brass bolts, nuts and check nut and spring washer etc in complete.	nos.	8			

11	Supplying and Installation of submersile water pump 3Hp single phase (Crompton or equivalent)	nos.	1			
		Say				
	External Service					

Sl. No.	De	scription of Work	Unit	Qty	Rates (₹)	Amount (₹)		
13	DEV							
1	Providing and filling stone aggregates of size below 90mm in plinth, etc. in layers not exceeding 10 cms in depth, consolidating each layer by ramming and watering and dressing complete .							
			cum	50.00				
2	excludi level:	ing and laying in position ing cost of centering and 1:2:4 (1 cement :2 course	shuttering	- All work	upto plinth			
	(a)	nominal size)						
			cum	50.00				
3	mm, Se	ing & Fixing HDPE floor eat Width 440 mm Back H per direction of Engineer-	leight 400	mm & Seat				
4	Supplying, fabricating and erecting of football goal post with overall dimensions above grass field of size 8.00 mts wide and 2.5 mts, in height, fabricated out of vertical and horizontal 'B' class G.l. pipe of 125mm dia, cross bars shall be of 2" dia.'B' class G.F. pipe, including fixing of highest quality nylon or Galvanized mesh of Poly Propylene for football goal nets which conform to ISO quality standards, made from premium 4.5mm X 24 ft X 8 ft braided white twine approved by Engineer to be attached to the main posts, cross bars with necessary hooks and anchored to the ground behind the goal posts. The vertical members of goal posts shall be sufficiently anchored below the ground with necessary excavation, cement concrete foundation etc. complete and with other members properly welded to each other to provide stable framework. The entire goal posts shall be ready mix paint of approved shade etc. complete.							
			pair	1.00				

5	Supply and Installation of Dug Out seats for 10 Persons. Technical Specification: Fabricated from MS tube 50 x 50 x 1.6 mm detachable frameworkwith matt finish polish.For easy movement unit will be supplied with heavy duty nyloncasted swivel wheel with bearing.The unit is covered with polycarbonate transparent sheet.SeatsFI 1001:Seat Width: 420mm					
	Seat Width: 420mm, Back Height: 400 mm, Seat Depth: 465mm Material: Blow molded, HDPE (high-density polyethylene), Anti UV Protection. Nos 2.00					
TOTAL (13)=						

Rupees______only