## DISTRICT NIRMITHI KENDRA, CIVIL STATION, MALAPPURAM.

Ph: 0483-2735594

## INVITATION OF LIMITED TENDER

12 06 2024

Tender No: DN	KM/TNDR/007-H/2022-2	23			
Project Name :	AMBEDKAR GRAMAM PROJECT - 2020 -2021 -KALLARAMKUNNU SC COLONY, MANKADA				
Location :	PADINJATTUMURI	TALUK : PERINTHALMANNA			
Scope of work:	RENOVATION OF HOUSES,INTERNAL ROAD & FOOTPATH,RETAINING WALL				

Sealed tenders are invited from from competent bidders, meeting prescribed qualifying criteria as mentioned in tender document/Schedule. Tender form and Tender schedule can be downloaded from Malappuram District Administration website www.malappuram.nic.in and District Nirmithi Kendra Website www.nirmithikendramlp.com to understand the scope of work & condition of tender document. DNKM reserves the right to issue any corrigendum to the tender even upto five days prior to the due date of opening of the tender. Bidders are also advised to check the website for the purpose of submitting their bids or revising their bids, whether any such corrigendum to the tender has been issued or not.

Tenders should be addressed to, Project Manager cum Exe.secretary, District Nirmithi Kendra, Civil Station, Malappuram, 676505, phone: 0483-2735594. Sealed Tenders are accepted through By hand/ Registerd post/Couriers. Late tenders will not be accepted. Tenders will be opened in the presence of Tendered or their authorized representatives who may be present at that time. If the Tender date happens to be a declared holiday, the tender process will be done on the next working day at same time and place. Further details can be had from the office of District Nirmithi Kendra, Civil Station, Malappuram during working hours.

## INSTRUCTIONS TO BIDDERS

1	Last Date & Time of Submission of Bids	:	18/06/2024, 3.00 PM
2	Date & Time of Opening of Bids	:	18/06/2024 , 4.00 PM
3	Cost of Tender form	:	NIL
4	EMD		Rs :50000/-
5	Tender Value	:	Rs : 6936662.59/-
6	Category of Contractor		PWD Civil- C Class and Above

Name:

Address of firm:

Signature :

Project manager cum Exe.secretary District Nirmithi Kendra, Malappuram. Signature :

## TENDER SCHEDULE (LIMITED TENDER)

Tender No: DNKM/TNDR/007-H/2022-23 DATE: 13/06/2024

Tender Inviting Authority: DISTRICT NIRMITHI KENDRA, MALAPPURAM

Work Name: AMBEDKAR DEVELOPMENT PROJECT - 2021-2022 - KALLARAMKUNNU SC COLONY, MANKADA

SI. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT Without Taxes
1	2	4	5	6	53
1	RETAINING WALL - 1. Sajeev		200		
1	2.8.1 : Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	9.2340	cum	279.3200	2579.24
s le g	4.1.4 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and chuttering - All work up to plinth evel:1:2:4)1 cement : 2 coarse sand : 4 raded stone aggregate 40 mm nominal fize)	2.1600	cum	7396.5300	15976.50
1.03 15 m m m ma dir	5.9.2 : Demolishing stone rubble asonry manually / by mechanical eans including stacking of serviceable aterial and disposal of unserviceable aterial within 50 metres lead as per ection of Engineer -in- Charges:In ment mortar	13.7520	cum	1942.4000	26711.88
rub ma incl line all n com	7.1: DRY RUBBLE MASONRY _ Dry oble without concrete levelling course sonry with good quality blasted rubble uding packing to compactness to a and levels cost and conveyance of materials labour charges etc. Inplete as per direction of partmental officers at site	100.6760	Cum	3284.2000	330640.12

	5 15.7.4 : Demolishing brick work manually	4.8760	cum		30.7.1 DR1
1.05	/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge.In cement mortar				1936 69 sonry withou sonry with our plant of the sonry wit
1.06		12.5020	cum	8545.8700	106840.47
1.07	5.22A.6: Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	1000.0000	kg	92.4700	92470.00
1.08	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	19.0900	sqm	611.2400	11668.57
2	RETAINING WALL - 2. Sarojini		nu ciji		
	15.9.2 : Demolishing stone rubble masonry manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in- Charges:In cement mortar	5.2200	o cum	1942.4000	0 10139.33
	15.7.4: Demolishing brick work manually by mechanical means including stacking of serviceable material and disposal of unserviceable material within metres lead as per direction of Engineer-in-Charge.In cement mortar	1.334	0 cum	1627.500	2171.09
r / c 1 1 6	2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil		2024	279.32	200 4212.15

	rubble without concrete levelling course masonry with good quality blasted rubble including packing to compactness to lines and levels cost and conveyance of all materials labour charges etc. complete as per direction of Departmental officers at site	12.1800 cum	3284.2000	40001.56
2.05	5.1.2 : Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size	0.2900 cum	8545.8700	2478.30
2.06	5.22A.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level.Thermo-Mechanically Treated bars of grade Fe-	23.2000 kg	92.4700	2145.30
2.07	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	1.1610 sqm	611.2400	709.6
3	SANITATION - MAINTENANCE WORK FOR	PUBLIC TOILET BLO	7803.7800	208946.
3.01	od316541/2022_2023: Providing and fixing pressed steel door frames manufactured from commercial Tata Galvano steel sheet 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required base ties of 25x25x3mm angle, mild steel welded or rigidly fixed together by mechanical means with pressed door shutter using 70x30mm RMC section 5.84m @ 1.7 Kg/m, Tata Galvano steel sheet embossed 85x196 cms and outer stiffeners 12x80 cms, 4 nos, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers, SS aldrobs, SS tower bolts 2 nos and SS handles 2 nos as specified and applying a coat of approved steel primer after pretreatment of the surface as directed by Engineer-in-charge:	ZO. 1700 Squitz		
		1000	NIVI STATE	

_			100 P. C. C.		_0
	3.02 50.18.7.3.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 10Kgf/cm2- Internal work- Exposed on wall	30.0000	metre	249.9500	7 - 58.50
3	.03 50.18.7.4.2 : Providing and fixing PVC, pipes fittings including fixing the pipe with clamps at 1.00 m spacing. this includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32 mm dia 6 Kgf/cm2 - internal work- Exposed on wall	40.0000	metre	281.8000	11272.00
3.0	50.18.7.5.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 40 mm dia 6Kgf/cm2 - Internal work - Exposed on wall	15.0000	metre	343.9100	5158.65
3.05		15.0000	each	167.5900	2513.85
3.06		15.0000	each	179.4500	2691.75
3.07		281.7740	sqm	15.7500	4437.94
3.08	13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	281.7740	sqm	66.4500	18723.88
3.09	13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work	281.7740	O sqm	142.4000	40124.62
4	INTERNAL ROAD AND FOOT RATH - 1.Road	Concretin	g(From Me	eleppatu-Kallaram	

	2.1.1: Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5m in width as well as 10 sqm on plan including disposal of excavated earth up to 50 m and lift up to 1.5 m, disposed soil to be levelled and neatly dressed:All Kinds of soil	255.0000 sqm	102.4800	26132.40
4.02	51.2.3 : Filling with Quarry Muck Filling up low lying and water logged areas with local material/ quarry muck, spreading in layers, leveling the top at site and consolidation by ramming, etc complete for improving the CBR value of subgrade	38.2500 cum	843.6800	32270.76
4.03	4.1.2 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:1/2:3 (cement : 11/2 coarse sand : 3 graded stone aggregate 20 mm	38.2500 cum	7983.6700	305375.38
	nominal size) 4.1.4: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4)1 cement: 2 coarse sand: 4 graded stone aggregate 40 mm nominal size)	25.5000 cum	7396.5300	188611.52
5.01	INTERNAL ROAD AND FOOT PATH- 2. Apput 50.6.1.2: Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement: 6 coarse sand) etc complete.	0.8820 cum	6191.0400	5460.50
5.02 6 ri n ir lii a	60.7.1: DRY RUBBLE MASONRY _ Dry rubble without concrete levelling course masonry with good quality blasted rubble ncluding packing to compactness to ines and levels cost and conveyance of all materials labour charges etc. complete as per direction of Departmental officers at site		3284.20	
03 6 m	60.6.1 : Laterite Masonry - Laterite masonry using neatly dressed stones of size 44cmx24cmx14cm in CM 1:6	12.9380 cun NIRMITH, 47.		77462.6

MALAPPURAM

5.04		0.9000	cum	7516.5400	6434.89
	cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)				
6	PUBLIC WELL REPAIRING - 1				4224.62
6.01	13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	18.0830	sqm	66.4500	1201.62
6.02	13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work	18.0830	sqm	142.4000	2575.02
7	PUBLIC WELL REPAIRING - 2	-40	1 0,000,00		
i F U G	10.25.2: Item Shifted to head 14 as item 14.74Steel work welded in built up sections/framed work, including cutting, noisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.In ratings, frames, guard bar, ladder, ailings, brackets, gates and similar rorks	130.4660	kg	145.0100	18918.87
.02   13 pa m	3.61.1 : Painting with synthetic enamel aint of approved brand and anufacture to give an even shade:Two more coats on new work	20.3480	sqm	134.5600	2738.03
RE	NOVATION OF HOUSES - 1. Ayyappan		Denis.	o di presiden	
01 13	.1.1 : 12 mm cement plaster of mix:1:4 cement : 4 fine sand)	183.8350	sqm	295,4500	54314.05
02 4.1 cer exc shu leve	.8: Providing and laying in position ment concrete of specified grade cluding the cost of centering and attering - All work up to plinth el:1:4:8 (1 cement : 4 coarse sand : 8 ded stone aggregate 40 nominal size)	2.3120	cum	6410.3800	14820.80



	floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement: 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	46.1370 sqm	1661.4200	76652.93
9	RENOVATION OF HOUSES - 2. Sreedharan	509.7860 kg	143.2900	73047.24
9.01	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete			
9.02	15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	66.4550 sqm	166.0600	11035.52
9.03	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	40.1490 sqm	134.5600	5402.45
9.04	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	66.4550 sqm	165.610	0 11005.61
0.05	paid separately) 12.48: Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work	14.0000 sqm	n 359.16	5028.24
	to be paid separately)	19.1300 me	etre 79.9	700 1529.
	12.49 : Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately		RA	

		2.5090 cui	m	6191.0400	15365.32
	9.07 50.6.1.2 : Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement: 6 coarse sand) etc complete.	2.5090 cui			12456.47
-	.08   13.1.1 : 12 mm cement plaster of mix:1:4	42.1610 sc	ım	295.4500	12450.47
	13.1.1: 12 mm cement plaster of mix:1:4 (1 cement: 4 fine sand)  51.20: Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch ofcorrugation as approved by Engineer-in-charge) 0.35 mm (+0.05%), total coatedthickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side. of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratchesduring transportation and should be supplied in single length upto 12 metre or as desiredby Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical orcurved surfaces, excluding the cost of purlins, rafters and trusses and including cutting tosize and shape wherever required.	10.4510 sc		563.7100	5891.33
10	THE STATE OF HOUSES 2 Months		tamer c		
10.01	RENOVATION OF HOUSES - 3. Maatha 50.10.2: Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	820.2860	kg	143.2900	117538.78
10.02	15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	le		166.060	
	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	Vc?	UN 2024		11004.45

	12.48: Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	13.2800	sqm	359.1600	4769.64
10.05	12.49: Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).	27.5700	metre	79.9700	2204.77
11	RENOVATION OF HOUSES - 4. Chakki		west Chief		
11.01	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	670.2060	kg	143.2900	96033.82
11.02 t	15.31: Dismantling tiled roofing with pattens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	74.9140	sqm	166.0600	12440.22
p	3.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two more coats on new work	52.8000	sqm	134.5600	7104.77
11.04 Of fix (N	d302501/2022_2023 : Labour charges xing on roof pressed clay tile Mangalore tile) of 20 mm nominal cickness and of approved size and as approved pattern on steel frame	74.9140	sqm	165.6100	12406.51
1.05 12 cla no an	ork complete (steel frame work to be aid separately) 2.48: Providing & fixing on roof pressed ay tile (Mangalore tile) of 20 mm ominal thickness and of approved size as per approved pattern on steel ame work complete (steel frame work	15.0000	sqm	359.1600	5387.4
to	be paid separately)	4		79.9700	2185.5
20	.49 : Providing & laying on roof essed clay tile ridge (Mangalore tile) of mm thickness and of approved ttern on steel frame work complete eel frame work to be paid separately.).	27.3300 CT NIRMI			

11.07	50.9.6.2: Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Pincoda wood 30 mm thick shutters	1.0800	sqm	3755.4600	
12	RENOVATION OF HOUSES - 5. Devaki	1, 167		295.4500	43239.70
12.01	13.1.1 : 12 mm cement plaster of mix:1:4	146.3520	sqm	295.4500	2 2750
12.02	(1 cement: 4 fine sand) 50.9.6.2: Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Pincoda wood 30 mm thick	0.5000	sqm	3755.4600	1877.73
7. pa	shutters 4.1.8: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	2.1230	cum	6410.3800	13609.24
	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	41.4110	o sqm	1661.4200	68801.06



-				007.4000	17043.23
12.0	steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	26.7500	kg	637.1300	
13			in media	esperation and the tree	NOTES A LOCAL DE LA COMPANIA DEL COMPANIA DE LA COMPANIA DEL COMPANIA DE LA COMPA
	RENOVATION OF HOUSES - 6. Velayudhan 1 13.1.1 : 12 mm cement plaster of mix:1:4	68.9940	sqm	295.4500	20384.28
13.02	( 1 cement : 4 fine sand)  2 13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall	73.8210	sqm	66.4500	4905.41
	surface:Water thinnable cement primer	1.6480		6410.3800	10564.31
13.03	4.1.8: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	1.0400	ouiii	CONTRACTOR	65808.85
13.04	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of	39.6100	sqm	1661.4200	
	Tile 600 x 600 mm.  50.6.3.2 : Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x10 cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level for 10 cm thick wall in : CM 1:6 (1 cements) 6 coarse sand) including cost of	0.3760	_	7338.7000	2759.38
	scaffolding complete	Mal	MAGIN		
	Scallolding 1	A L	Military		

LE de estables	26.7500 kg	637.1300	7 L-43.23 177777
13.06  10.28: Providing and fixing stainless steel (Grade 304) railing made of Holl tubes, channels, plates etc., including welding, grinding, buffing, polishing ar making curvature (wherever required and fitting the same with necessary stainless steel nuts and bolts complet i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., or required size on the top of the floor or side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered exclud fixing accessories such as nuts, bolts fasteners etc.)	nd ) te, f r the		
14 RENOVATION OF HOUSES - 7. Mundi		EBEUGH NOW COM	6F262 D2
14.01 50.10.2 : Steel work for purlin/single section with G I pipes including cuttin hoisting, fixing in position and applyir priming coat of approved steel prime including welding and bolted with spensions are shaped washers etc. complete	ng a Proposition of the state o	143.2900	65363.02
14.02 15.31: Dismantling tiled roofing with battens, boarding etc. complete inclustacking of serviceable material and disposal of unserviceable material w 50 metres lead.	uding	166.0600	9300.02
14.03 13.61.1 : Painting with synthetic ena paint of approved brand and manufacture to give an even shade: or more coats on new work		134.5600	4835.68
14.04 od302501/2022_2023 : Labour char fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and per approved pattern on steel frame work complete (steel frame work to	as	165.6100	9274.82
paid separately)  14.05  12.48: Providing & fixing on roof preclay tile (Mangalore tile) of 20 mm nominal thickness and of approved and as per approved pattern on step frame work complete (steel frame work be paid separately)	SIZE Y NIRMITHI KEN	359.1600	4022.59

12.49: Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).	19.1300 metre	79,9700	1529.83
2.8.1 : Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	0.7610 cum	279.3200	212.56
50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 ( 1 cement : 6 coarse sand) etc complete	0.5410 cum		3544.55
5.36: Providing and placing in position precast reinforced cement concrete waffle units, square or rectangular as per design and shape for floors and roofs in 1:11/2:3 (1 cement: 1 1/2 coarse sand: 3 graded stone aggregate 10 mm nominal size), including flush or deep ruled pointing at joints in cement mortar 1:2 (1 cement: 2 Fine sand), making necessary holes of required sizes for carrying through service lines etc., providing steel hooks for lifting etc, form work in precasting, handling, hoisting, centering and erection complete for all toor levels but excluding the cost of einforcement.	0.2110 cum	28215.7400	5953.56
50.18.9.7.1: Providing and fixing PVC bipes includings of pipes with one step PVC solvent cement, trenching refilling & esting of joints complete as per direction of Engineer in Charge. 63 mm dia 6Kgf/cm2			0 1399
The state of the s	pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).  2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil  50.6.2.2: Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in: CM 1:6 (1 cement: 6 coarse sand) etc complete  5.36: Providing and placing in position precast reinforced cement concrete waffle units, square or rectangular as per design and shape for floors and roofs in 1:11/2:3 (1 cement: 1 1/2 coarse sand: 3 graded stone aggregate 10 mm anominal size), including flush or deep uled pointing at joints in cement mortar 1:2 (1 cement: 2 Fine sand), making necessary holes of required sizes for earrying through service lines etc., providing steel hooks for lifting etc, form ork in precasting, handling, hoisting, entering and erection complete for all oor levels but excluding the cost of einforcement.  0.18.9.7.1: Providing and fixing PVC ipes includings of pipes with one step are includi	pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).  2.8.1 : Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil  50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete  5.36 : Providing and placing in position precast reinforced cement concrete waffle units, square or rectangular as per design and shape for floors and roofs in 1:11/2:3 (1 cement: 1 1/2 coarse sand: 3 graded stone aggregate 10 mm anominal size), including flush or deep uled pointing at joints in cement mortar 1:2 (1 cement: 2 Fine sand), making lecessary holes of required sizes for earrying through service lines etc., serviding steel hooks for lifting etc, form york in precasting, handling, hoisting, entering and erection complete for all oor levels but excluding the cost of einforcement.  43.0000 metre setting of joints complete as per direction of Engineer in Charge. 63 mm dia	pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately ).  2.8.1 : Earth work in excavation by mechanical means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil  50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete  5.36 : Providing and placing in position precast reinforced cement concrete waffle units, square or rectangular as per design and shape for floors and roofs in 1:11/2:3 (1 cement : 1 1/2 coarse sand : 8 graded stone aggregate 10 mm ominal size), including flush or deep uled pointing at joints in cement mortar 1:2 (1 cement : 2 Fine sand), making necessary holes of required sizes for earrying through service lines etc., rroviding steel hooks for lifting etc, form york in precasting, handling, hoisting, entering and erection complete for all oor levels but excluding the cost of einforcement .  0.18.9.7.1 : Providing and fixing PVC pipes includings of pipes with one step includings of pipes with

		0.0300	oum	113153.2200	3:54
14.	of doors, windows, clerestery and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately) using good quality Pincoda wood				2816.60
14.12	2 50.9.6.2 : Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Pincoda wood 30 mm thick shutters	0.7500	sqm	3755.4600	2810.00
15	RENOVATION OF HOUSES - 8. Radha Kallar	amkunnu			
15.01		504.7140	kg	143.2900	72320.47
	15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	50.1840	sqm	166.0600	8333.56
i t v	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal chickness and of approved size and as over approved pattern on steel frame work complete (steel frame work to be	50.1840	sqm	165.6100	8310.97
.04 1 c n a fr	paid separately) 2.48: Providing & fixing on roof pressed lay tile (Mangalore tile) of 20 mm ominal thickness and of approved size and as per approved pattern on steel ame work complete (steel frame work be paid separately)	10.0300	sqm	359.1600	3602.37
pr 20 pa	2.49 : Providing & laying on roof ressed clay tile ridge (Mangalore tile) of mm thickness and of approved attern on steel frame work complete the leel frame work to be paid separately).	18.5200		79.9700	1481.0

15.06	4.1.8 : Providing and laying in position	4 4000			
	cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	1.1630	cum	6410.3800	7455.27
15.07	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	27.8490	sqm	1661.4200	46268.89
	15.12.1 : Dismantling doors, windows and clerestory windows (steel or wood ) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:Of area 3 sq. metres and below	1.0000	each	303.9300	303.93
16 F	RENOVATION OF HOUSES - 9. Lakshmi		40	A 134 A 205 124 C 1 4 C	
	3.1.1 : 12 mm cement plaster of mix:1:4 1 cement : 4 fine sand)	156.2740	sqm	295.4500	46171.15
16.02 1 th	3.43.1 : Applying one coat of water ninnable cement primer of approved rand and manufacture on wall urface:Water thinnable cement primer	160.5740	sqm	66.4500	10670.14
ex sh	1.8: Providing and laying in position ement concrete of specified grade scluding the cost of centering and nuttering - All work up to plinth vel:1:4:8 (1 cement : 4 coarse sand : 8 aded stone aggregate 40 nominal size)	0.6900	cum	6410.3800	4423.16
6.04 11 flood be was command 20 cer grown and command cer grown and cer	.41.2 : Providing and laying vitrified or tiles in different sizes (thickness to specified by the manufacturer) with ater absorption less than 0.08% and informing to IS : 15622, of approved ake, in all colours and shades, laid on	17.2210 67 NIRIMI		1661.4200	28611.3

					-1
16.05	upto 10 m height with special adhesive over 12mm thick bed of cement mortar 1:3 (1 cement :3 coarse sand), including pointing in white cement with an admixture of pigment to match the stone shade.8 mm thick (mirror polished and machine cut edge)Granite stone of any colour and shade	2.3110		2809.4900	6.3
16.06	15.31 : Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	24.9400	sqm	166.0600	4141.54
	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	241.6980	kg	143.2900	34632.91
	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	18.0600	sqm E # III	134.5600	2430.15
fi ( tl	od302501/2022_2023 : Labour charges ixing on roof pressed clay tile Mangalore tile) of 20 mm nominal hickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be eaid separately)	24.9400	sqm	165.6100	4130.31
16.1 1 c n a fr	2.48 : Providing & fixing on roof pressed lay tile (Mangalore tile) of 20 mm ominal thickness and of approved size nd as per approved pattern on steel ame work complete (steel frame work to be paid separately)	5.0000	Sqm Square specification of the same specifi	359.1600	1795.80
17 R	ENOVATION OF HOUSES - 10. Janaki Kal	laramkunnu	Salardo Sa	oval hoje grenje.	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
7.01 13	3.1.1 : 12 mm cement plaster of mix:1:4 1 cement : 4 fine sand)	75.165	0 sam	295.4500	22207.50
ca 40 co su thi	o.6.1.2 : Solid block masonry using pre last solid blocks (Factory made) of size ox20x20cm or nearest available size onfirming to IS 2185 part I of 1979 for oper structure up to floor two level ickness 20cm and above in: CM 1:6 (1) ement: 6 coarse sand) etc complete.	13	Della 2024	6191.0400	8029.7

17		4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	1.5810 c	0.01011	6410.3800	10134.81
17		11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	31.5620	sqm	1661.4200	52437.74
17.0	t s	15.31: Dismantling tiled roofing with pattens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within metres lead.	29.6000	sqm	166.0600	4915.38
17.0	h p in	0.10.2 : Steel work for purlin/single ection with G I pipes including cutting, oisting, fixing in position and applying a riming coat of approved steel primer, including welding and bolted with special maped washers etc. complete	285.9070	kg	143.2900	40967.61
17.07	pa m	3.61.1 : Painting with synthetic enamel aint of approved brand and anufacture to give an even shade:Two more coats on new work	22.5820	sqm	134.5600	3038.63
17.08	fixi (Ma thick per wo	302501/2022_2023 : Labour charges ing on roof pressed clay tile angalore tile) of 20 mm nominal ckness and of approved size and as approved pattern on steel frame rk complete (steel frame work to be	29.6000	sqm	165.6100	
17.09	12. clar nor and frar	d separately) 48: Providing & fixing on roof pressed y tile (Mangalore tile) of 20 mm minal thickness and of approved size d as per approved pattern on steel me work complete (steel frame work be paid separately)	6.0000		359.160	2154.96
18	REN	NOVATION OF HOUSES - 11. Sankaran 1.1: 12 mm cement plaster of mix:1:4	7 3 93:690	Orsom	295.45	00 27680.
8.01	(10	cement : 4 fine sand)	Vai		, •\// •//	

					66.4500	6544.66
		98.4900	sqm		66.4500	
17.	2 13.43.1 : Applying one coat of water	90.40	112131	EST Y		
18.02	thinnable cement primer of approved	- 41				
	thinnable cement primer	4 Fa - To - 1			1 4 4 4 5	40440.02
	brand and manufacture of the surface:Water thinnable cement primer			-	3755.4600	16110.92
	and fixing glazed	4.2900	sqm			
18.03	50.9.6.2 : Providing and fixing glazed shutters for doors, windows and					
					Harrist of the second	
				100		
	consuited size with necessary sciews.			Je		distribution of the state of th
	Using Pincoda wood 30 mm thick					2696.32
		18.5940	ka	1 - 1	145.0100	2030.02
18.04	10 25 2 Item Shifted to nead 14 as item	10.5546	13		A Land of the Control	
	14 74 Steel work welded in built up				Mary and the state of	
	coctions/framed work, including cutting,				- 10 9 100	
	boisting fixing in position and applying a					
	priming coat of approved steel primer		1	1		
	using structural steel etc. as required.in				170 12 14 1	
	gratings frames, quard bar, ladder,			1		a seemal to be
- 1	railings, brackets, gates and similar				THE BUILDING	4464.84
	The state of the s	33.181	ps 0	m	134.5600	4464.64
8.05	13.61.1 : Painting with synthetic enamel					here was the control of the
F	paint of approved brand and		1			
_  r	manufacture to give an even shade:Two			1	THE THE STATE OF THE	THE RESERVE ASSESSMENT OF
0	or more coats on new work		1	1	and carry li	1000100
	Deciding and fixing 37 mm thick	3.361	0 sc	qm	3896.1500	13094.96
3.06   9	0.144 : Providing and fixing 37 mm thick			10	and the second	
fa	actory made PVC door shutter, styles				Indicate the property of	1 c 1 2 7 m 1
а	nd rails made of PVC hollow section of				armon the said	and the Marian
si	ize 100 mm x 37 mm with wall thickness		- 1			
2	mm ( ± 0.2 mm), with inbuilt bead on		_1		Howa May 1	Our SANCE SERVICE
O	ne side, styles and rails mitered cut and				The state of the state of	
lio	int at the corners by means of 2 nos of		. 1		AND THE RESERVE	
pl	astic brackets of size 75 mm x 220 mm				THE PERSON AND THE	The second of th
at	each corners by means of 2 nos of				A LONG ME.	
la!	astic brackets of size 75 mm x 220 mm		- 1			and the second of the second
Pi	each corner and stainless steel				CONTRACTOR OF THE PARTY OF THE	
at	each comer and stames side of style				of a felt fraderic	
sc	crews, reinforcing the hinge side of style	1	- 1		do sandalization.	
by	inserting corner and stainless steel		- 1		THE REPORT OF THE PARTY OF THE	
sc	rews, reinforcing the hinge side of style	1	- 1		The state of Control	AND THE RESERVE OF THE PERSON
by	inserting PVC profile of size 28 mm x	1			The state of the s	
30	mm, with wall thickness 2 mm ( ± 0.2	l			18 0198 N. 1525-L	
100	m). Lockrail of size 100 mm x 37 mm,				and the second second	SC 00430 02 5 5 5 5
		-	47.00	-arth	选择 包括小社会	建物的复数 运动电
	Il thickness 2 mm (± 02. mm) will be					e e e Species d'Artife
fixe	ed to the vertical styles. Providing with			-		
PV	C snapfit beads and panel of size 100			WELL		
1	n x 20 mm, and inserting 2 nos tie bar	110	HI	W.T.W	0X	
		HIRMIT	1. 10	04500	131	
	6 mm dia and fastening with nuts and	7.7			\1 i\	
	shers complete, all as per	6/		2024	l k il	
ma	nufacturer's specification and	1	1111	Lu	1111	
	ection of Engineer -in- charge.	1 , 3	70.	1	12/	
Julie	Color of Engineer -III- Charge.	1 / /	- Sr	2024	S. V	
		A CONTRACTOR OF THE PARTY OF TH				
		B) .		(In		表现的 <b>人名</b> 拉克斯 医全元素
				1991	<b>//</b>	

18.07	50.9.1.2: Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) using good quality	0.0390 cum	113153.2200	4412.98
18.08	Pincoda wood  50.9.3.2: Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer in-charge.using Pincoda wood.	5.2000 sqm	3038.2200	15798.74
18.09	11.39: Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS: 15622, of approved make in colours White, Ivory, Grey, fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 Coarse sand), including grouting the joints with white cement and matching pigments etc., complete.	1.7610 sqm	1205.0800	
18.1	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	1	143.29	



		27.5400 s	am I	563.7100	15524.67
	18.11   51.20 : Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch ofcorrugation as approved by Engineer-in-charge) 0.35 mm (+0.05%), total coatedthickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side. of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratchesduring transportation and should be supplied in single length upto 12 metre or as desiredby Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws ofsize (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical orcurved surfaces, excluding the cost of purlins, rafters and trusses and including cutting tosize and shape wherever required.	21.5400			
19.0	RENOVATION OF HOUSES - 12. Kunjadi	119.9940	sqm	295.4500	35452.23
19.02	( 1 cement : 4 fine sand)	123.4410	sqm	66.4500	8202.65
19.03	10.25.2 : Item Shifted to head 14 as item 14.74Steel 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.In gratings, frames, guard bar, ladder, railings, brackets, gates and similar	30.6140	r cayrige	145.0100	
9.04	works 13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	23.844	- 1719	134.56	3208.45

	2.8.1 : Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead	0.7610 cu	im	279.3200	212.56
· ··	of 50 m.All kinds of soil  50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 ( 1 cement :	0.5410	um	6551.8400	3544.55
	5.36: Providing and placing in position precast reinforced cement concrete waffle units, square or rectangular as per design and shape for floors and roofs in 1:11/2:3 (1 cement: 1 1/2 coarse sand: 3 graded stone aggregate 10 mm nominal size), including flush or deep ruled pointing at joints in cement mortar 1:2 (1 cement: 2 Fine sand), making necessary holes of required sizes for carrying through service lines etc., providing steel hooks for lifting etc, form work in precasting, handling, hoisting, centering and erection complete for all floor levels but excluding the cost of reinforcement.	0.2110	cum	28215.7400	5953.52 13996.5
19.08	50.18.9.7.1 : Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching refilling &	43.0000	metre	325.5100	13996.
19.09	of Engineer in Charge. So who had been so that a stacking of serviceable material within disposal of unserviceable material within	14.718	0 sqm	166.0600	2444
19.1	50 metres lead.  50.10.2 : Steel work for purlin/single section with G I pipes including cutting hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	13 JU		143.2900	37284

19.11	fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	14.7180	sqm	165.6100	2437.45
19.12	paid separately) 12.48: Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	3.0000	mps	359.1600	1077.48
20	RENOVATION OF HOUSES - 13. Appunni			The good office of the second	
20.01	13.1.1: 12 mm cement plaster of mix:1:4	187.8750	sqm	295.4500	55507.67
20.02	( 1 cement : 4 fine sand) 4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth evel:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	2.8710	cum	6410.3800	18404.20
fice be was co ma 20 ce gro ma	1.41.2 : Providing and laying vitrified for tiles in different sizes (thickness to be specified by the manufacturer) with later absorption less than 0.08% and conforming to IS : 15622, of approved take, in all colours and shades, laid on 10 mm thick cement mortar 1:4(1 ment : 4 coarse sand), including to buting the joints with white cement and atching pigments etc., complete. Size of the 600 x 600 mm.	41.0100	sqm	1661.4200	68134.83
14. sec hois prim usin grati railin	25.2 : Item Shifted to head 14 as item 74Steel work welded in built up stions/framed work, including cutting, sting, fixing in position and applying a ning coat of approved steel primer ag structural steel etc. as required.In ings, frames, guard bar, ladder, ags, brackets, gates and similar	52.7630	kg	145.0100	7651.10
REN	OVATION OF HOUSES - 14. Govindan	1	IHTIMO	KENN	
15.56 rakin for pl	6 : Dismantling old plaster or skirting g out joints and cleaning the surface aster including disposal of rubbish e dumping ground within 50 metres	19.9830	MUL E	43,1700	862.

21.02	4.1.8 : Providing and laying in position	1.0000 cum	William Prince	6410.3800	6410.38
	cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)				
	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	22.6500 sqm		143.2900	50539.10
F	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, noisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	352.7050 kg	9		
21.05 5	50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size $30\times20\times15$ cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with hickness 15cm in : CM 1:6 ( 1 cement : 5 coarse sand) etc complete	0.8100	cum	6551.8400	5306.99
1.06 1	3.1.1 : 12 mm cement plaster of mix:1:4	10.8000	sqm	295.4500	3190.3



		500 7400	38557 781
68.4000 s	qm	563.7100	38557.76
7.6000	metre	460.9400	3503.14
8.9700	sqm	43.1700	387.23
		6410.3800	6506.54
	7.6000	(%)	7.6000 metre 460.9400  8.9700 sqm 43.1700

CA SEC	1	0.0700	166	1.4200	14902.94
22.03	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of	8.9700 sqm			
	Tile 600 x 600 mm.	0.4500 sqm	2	742.0200	1233.91
	11.55.1: Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge: Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye orequivalent.				
		1000	m fire	66.4500	823.9
	13.43.1: Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	12.4000 so	121 27 E	6746.1700	5025.
22.06	50.6.7.1 : Laterate masonry with neatly dressed laterate stone of size 40x20x15cm or nearest size in cement	0.7450	um Pilo		
F. Wall	mortar 1:6 for foundation and including all cost of materials, labour			295.4500	1832
	lincluding all cost of the	6.2010	eam	290.4000	
22.07	charges etc. 13.1.1 : 12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand)	6.2010	And Table		



			m	563.7100	2796.57
	galvanised iron profile sheets (size, shape and pitch ofcorrugation as approved by Engineer-in-charge) 0.35 mm (+0.05%), total coatedthickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side. of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratchesduring transportation and should be supplied in single length upto 12 metre or as desiredby Engineer-incharge. The sheet shall be fixed using self drilling/self tapping screws ofsize (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical orcurved surfaces, excluding the cost of purlins, rafters and trusses and including cutting tosize and shape wherever required.	4,9610 sc			
s H p ir	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, noisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special haped washers etc. complete	17.5560	kg and Li	143.2900	2515.60
pa	3.61.1 : Painting with synthetic enamel aint of approved brand and anufacture to give an even shade:Two more coats on new work	1.3850	sqm	134.5600	186.37
23	ENOVATION OF HOUSES - 16. Dasan		lie lie	ALTERNATION OF THE PARTY OF	
23.01 50 sec hoi prir incl sha	.10.2 : Steel work for purlin/single ction with G I pipes including cutting, isting, fixing in position and applying a ming coat of approved steel primer, luding welding and bolted with special aped washers etc. complete	251.6480	kg WRMI	143.2900	
batt stac disp	31: Dismantling tiled roofing with ens, boarding etc. complete including king of serviceable material and osal of unserviceable material within netres lead.	24/255	0 sqm	1024 A 2000	4027.79
paint manu	1.1 : Painting with synthetic enamel of approved brand and ufacture to give an even shade:Two ore coats on new work	19.844	0 sqm	134.560	2670.21

23.04	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	24.2550	sqı	m	165.6100	4016.87
23.05	paid separately)	5.0000	sq	m	359.1600	376.49
	15.56 : Dismantling old plaster or skirting raking out joints and cleaning the surface	8.7210	so	m	43.1700	370.45
23.07	for plaster including dispersion to the dumping ground within 50 metres lead.  4.1.8: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	0.6550	) C	um	6410.3800	4198.80
23.08	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	8.7210	0 s	iqm	1661.4200	
24	RENOVATION OF HOUSES - 17. Kesavan	162.904	40	sqm	295.4500	
24.01	13.1.1 : 12 mm cement plaster of the sand) (1 cement : 4 fine sand) 50.9.1.2 : Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and sand other frames, who hold fast lugs or with hold fast lugs or with	0.038	80	cum	113153.2200	4299.
	dash fasteners of required the dash fastener shall be hold fast lugs or dash fastener shall be paid for separately) using good quality Pincoda wood	21.21		Sq#124	166.060	3522
	15.31: Dismantling tiled rooming the patterns, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within metres lead.	MALL	LP	PURAM		

24.	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	216.5290 k	g	143.2900	31026.44
24.0	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	17.0950	sqm	134.5600	2300.30
24.0	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	21.2130	sqm	165.6100	3513.08
24.07		4.2500	sqm	359.1600	1526.43
24.08	13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	173.5980	sqm	66.4500	11535.59
25	RENOVATION OF HOUSES - 18. Velayudha	an (House no	324)	de branches	
25.01	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	252.7000		143.2900	36209.38
25.02	15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	25.253	0 sqm	166.0600	4193.5
	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work		oo sqm	13 134.5600	2601.0

SATE OF						
25.04	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	25.2530	sqn		165.6100	4182.15
25.05	paid separately)	47,6330	sqı	m	359.1600	17107.87
26	RENOVATION OF HOUSES - 19. Suresh		-		143.2900	109038.24
26.01	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	760.9620	) kg			
		77.143	0 5	am	166.0600	12810.37
	15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	77				Maria Cara Cara Cara Cara Cara Cara Cara
	*** CONTRACTOR CONTRAC	77.143	0 5	am	165.6100	12775.65
	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	77.10	1 A 1 D		n policija na polija nasta nasta	
1	work complete (steel frame work to be paid separately)	8.000	201	sam	359.160	0 2873.28
26.04 C	clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work	8,000		994		
	o be paid separately)	59.96	30	sam	134.560	8068.6
F	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two more coats on new work	59.90	A (148)	AS A		
07			1	RMITH	Ki N	12162.
27 F	RENOVATION OF HOUSES - 20. Kuttan	41.16	70	sqm	295.45	
	3.1.1 : 12 mm cement plaster of mix:1:4	1	/		VL /66.4	500 2941
7.02 1 tl	1 cement : 4 fine sand) 3.43.1 : Applying one coat of water hinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	44.26	180 1	gamun	1.00	

					A Control of the Cont
27.03	emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work	44.2680	sqm	142.4000	6303.76
	2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	0.7610	cum	279.3200	212.56
t	50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with hickness 15cm in : CM 1:6 ( 1 cement : 6 coarse sand) etc complete	0.5410	cum	6551.8400	3544.55
p w de 1: 3 nc rui 1:2 ne ca pro wo cer floor	.36 : Providing and placing in position recast reinforced cement concrete raffle units, square or rectangular as per resign and shape for floors and roofs in 11/2:3 (1 cement : 1 1/2 coarse sand : graded stone aggregate 10 mm ominal size), including flush or deep led pointing at joints in cement mortar 2 (1 cement : 2 Fine sand), making recessary holes of required sizes for rrying through service lines etc., by oviding steel hooks for lifting etc, form ork in precasting, handling, hoisting, intering and erection complete for all or levels but excluding the cost of inforcement.	0.2110	cum also properties and the service and the se	28215.7400	5953.52
pipe PV0 test	18.9.7.1 : Providing and fixing PVC es includings of pipes with one step C solvent cement, trenching refilling & ing of joints complete as per direction ingineer in Charge. 63 mm dia	8.0000	metre	325.5100	2604.0

	9.144: Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (±0.2 mm), with inbuilt bead on one side, styles and rails mitered cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (±0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (±0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer -in- charge.		sqm	3896.1500	6549.43
28	RENOVATION OF HOUSES - 21. Ammini	14.9270	sam	43.1700	644.40
28.01	15.56: Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres	13.32.0			
	load	1,1200	cum	6410.3800	7179.63
28.02	cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)			1661.4200	27667.63
	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	16.6530	NOT NII	MITHIK (1)	

				0554.0400	1330.02
28.04	50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 ( 1 cement : 6 coarse sand) etc complete	0.2030 C	um	6551.8400	1330.02
28.05	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	2.0240 s	qm	295.4500	597.99
	15.12.1: Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:Of area 3 sq. metres and below	1.0000 e	each	303.9300	303.93
i i r	15.14.1: Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height ncluding stacking the material within 50 metres lead:Of sectional area 40 square centimetres and above	0.0900	cum	3704.6400	333.42
o a fix da ho pa	0.9.1.2: Providing wood work in frames f doors, windows, clerestory windows and other frames, wrought framed and ked in position with hold fast lugs or with ash fasteners of required dia & length ( old fast lugs or dash fastener shall be aid for separately) using good quality needs a wood	0.0900	cum	113153.2200	10183.79
pa wii thi pre red exc sep	2.9.3.2 : Providing and fixing paneled or incled and glazed shutters for doors, indows and clerestory windows, 30 mm ck shutters including ISI marked M.S. essed butt hinges bright finished of quired size with necessary screws, cluding paneling which will be paid for parately, all complete as per direction engineer in-charge.using Pincoda od.	1.9000	sqm	3038.2200	5772.62
cler floa M.S of re	9.6.2 : Providing and fixing glazed atters for doors, windows and restory windows using 4 mm thick at glass panes including ISI marked a pressed butt hinges bright finished required size with necessary screws.	1.6400	sqm	3755.4600 RIAITHI KEN JUN 2024	6158.S

28.1	9.48.2 : 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. Fixed to	36.6120	kg	203.1700	7438.46
7,344	openings/ wooden frames with rawl plugs screws etc			a vigor servedid to	SERVICE AND ASSESSMENT
29	RENOVATION OF HOUSES - 22. Kalyani		1961K	295.4500	40364.97
29.0	1 13.1.1 : 12 mm cement plaster of mix. 1.4	136.6220	sqm	295.4500	
29.02	( 1 cement : 4 fine sand) 2 13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	136.6220	sqm	66.4500	9078.53
29.03	50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 ( 1 cement : 6 coarse sand) etc complete	1.3980	cum	6551.8400	9159.47
29.04	I la des in position	0.4810	cum	6410.3800	3083.39
29.05	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.		0 sqm	1661.4200	The officers of the second of
29.06	15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within	( Se Ta	ny (	MIT 4/ 166.0600	
	50 metres lead.	1/4		143.2900	46851.67
29.07	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete		10 K9	OUR M 43.290	

			134.5600	3780.81
29	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	23.2670 sqm	165.6100	4856.18
29	fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	29.3230 sqm	165.0100	
29.	paid separately)  1 12.48: Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	5.8600 sqm	359.1600	2104.68
30	RENOVATION OF HOUSES - 23. Balan (Con	struction of New To	ilet - Leach pit Tank	
30.0		1.4050 cum	279.3200	392.44
30.02	60.7.1: DRY RUBBLE MASONRY _ Dry rubble without concrete levelling course masonry with good quality blasted rubble including packing to compactness to lines and levels cost and conveyance of all materials labour charges etc. complete as per direction of Departmental officers at site		3284.2000	6923.09
30.03	2.25: Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	1	243.2200  MAL PRINCE	60.56

	50.6.6.2 : Hollow block masonry using pre cast solid blocks (factory made) of size 40x20x10cm or nearest available size confirming to IS 2185 part I of 1979 for Super structure up to floor two level for 10 cm thick wall in: CM 1:6 (1 cement : 6 coarse sand) including cost of scaffolding etc complete	1.0130	cum	6250.3500	6331.60
3	0.05 4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	0.0750	cum	6410.3800	480.78
30	0.06 13.7.2 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)	9.5310	sqm	363.4300	3463.85
30.	15 in subito	1.0000	each	2817.3300	2817.33
30.0	galvanised iron profile sheets (size, shape and pitch ofcorrugation as approved by Engineer-in-charge) 0.35 mm (+0.05%), total coatedthickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side. of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratchesduring transportation and should be supplied in single length upto 12 metre or as desiredby Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws ofsize (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical orcurved surfaces, excluding the cost of purlins, rafters and trusses and including cutting tosize and shape wherever required.	5.0000	13 10	563.7100 2024 143.2900	2818.5
09	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	10.8000	WALEPA		

			~	43.1700	124.22
3	1.01 15.56: Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres	29.7480	sqm		23026.08
31	lead.  .02 4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	3.5920	cum	6410.3800	
31.	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	47.0780	sqm	1661.4200	78216.33
31.0	4 50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	272.4280	kg	143.2900	39036.21
31.05	fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	13.9510	sqm	165.6100	2310.43
31.06	paid separately) 12.48: Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	2.7500	sqm	359.1600	987.69
32	RENOVATION OF HOUSES - 25. Chathu				
32.01	13.1.1 : 12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand)	278.9660	sqm	2 MIT 295.4500	82420.50
	15.12.1 : Dismantling doors, windows and clerestory windows (steel or wood ) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:Of area 3 sq. metres and below	1.0000	each	303.9300	303.93

32.03 50.9.1.2 : Providing wood work in frames	0.0460	cum	113153.2200	5205.05
of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) using good quality				
Pincoda wood			and the same of th	
32.04 50.9.6.2 : Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Using Pincoda wood 30 mm thick	1.8230	sqm	3755.4600	6846.20
shutters 2.05 9.48.2 : 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. Fixed to openings/ wooden frames with rawl plugs	39.6630	kg	203.1700	8058.33
screws etc  22.6 : Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. laying second layer of fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. d) fourth and final layer of brick tilling with cement mortar (which will be paid for separately. For the purpose of measurement the entire treated surface will be measured)	38.2690	a significant	NIRMITHIA 3 JUN 2024	22161.5

				3896.1500	4 DILLER
	9.144: Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitered cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 02. mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer -in- charge.		) sqm		
	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	16.5530	kg	143.2900	2371.88
lu E	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	1.2950	sqm	134.5600	174.26



3	galvanised iron profile sheets (size, shape and pitch ofcorrugation as approved by Engineer-in-charge) 0.35 mm (+0.05%), total coatedthickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side. of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratchesduring transportation and should be supplied in single length upto 12 metre or as desiredby Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws ofsize (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical orcurved surfaces, excluding the cost of purlins, rafters and trusses and including cutting tosize and shape wherever required.	6.9330 sq	m ·	563.7100	3908.20
3	RENOVATION OF HOUSES - 26. Kaali		2 17 15	articles and a second	TOTAL TOTAL
33.	15.56: Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	33.9900 s	qm	43.1700	1467.35
33.0		35.2310	sqm	1661.4200	58533.49
33.03	15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	26.7040	sqm	166.0600	4434.47
	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, ncluding welding and bolted with special shaped washers etc. complete	239.2690	kg	143.2900 JUN 2024	34284.86

		18.872	sqm	154.00	ALCOHOLD TO THE PARTY OF THE PA
33.05   13.61.1 : Painting with	synthetic enamel			The state of the state of	
paint of approved bran	d and				E Storter
manufacture to give ar	1 even share				4422.45
or more coats on new	WOIN		leam	165.6100	4422.45
33.06 od302501/2022_2023 fixing on roof pressed of (Mangalore tile) of 20 m thickness and of approx per approved pattern of	nm nominal ved size and as n steel frame	26.7040	Jayin		
work complete (steel fra	ame work to be	1			2011.30
oaid separately) 33.07 12.48 : Providing & fixing clay tile (Mangalore tile)	g on roof pressed of 20 mm	5.6000	sqm	359.1600	2011.00
nominal thickness and c and as per approved pa frame work complete (st	ttern on steel			- 60	
to be paid separately)				-	
34				or many many many	ALERSKI, TO
RENOVATION OF HOUSE 34.01   13.1.1 : 12 mm cement p	olaster of mix:1:4	20.9760	sqm	295.4500	6197.36
34.02   51.20 : Providing and fixing galvanised iron profile shape and pitch of corrugapproved by Engineer-inmm (+0.05%), total coate zinc coating 120 grams per IS: 277, in 240 mpa steel microns epoxy primer on the sheet and polyester to microns. Sheet should have guard film of 25 microns mavoid scratchesduring transhould be supplied in single 12 metre or as desired by Engineer of the sheet shall be self drilling/self tapping screen (5.5x55mm) with EPDM see upto any pitch in horizontal or curved surfaces, excluding purlins, rafters and trusses cutting to size and shape where quired.	eets (size, ation as charge) 0.35 dthickness with er sqm as per grade, 5-7 both side. of the protective minimum to asportation and de length upto Engineer-infixed using the cost of and including herever	7.1340			4021.51
3 4.1.8 : Providing and laying cement concrete of specified excluding the cost of centering shuttering - All work up to pli level:1:4:8 (1 cement : 4 coal graded stone aggregate 40 r	d grade ng and nth	0.8240	cum	6410.3800 2024	5282.1

	17.2.1: Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS: 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked white solid plastic seat and lid	1.0000	each	5825.0900	5825.09
34.0	15.56: Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	14.8800	sqm	43.1700	642.37
34.06		68.4460	sqm	166.0600	11366.14
34.07	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	530.8250	kg	143.2900	76061.91
34.08	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	41.8120	sqm	134.5600	5626.22
i s	12.48 : Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work o be paid separately)	14.0000	sqm	359.1600	5028.24
fi (tl p	od302501/2022_2023 : Labour charges ixing on roof pressed clay tile Mangalore tile) of 20 mm nominal hickness and of approved size and as her approved pattern on steel frame work complete (steel frame work to be	68.4460	sqm	165.6100	11335.34
34.11 1 p 20	aid separately) 2.49: Providing & laying on roof ressed clay tile ridge (Mangalore tile) of 0 mm thickness and of approved attern on steel frame work complete teel frame work to be paid separately).	14.6700	metre	79.9700	1173.16

	## Z## Z Y To be to wide to the Line	14.8800 sqm	5	77.0000	8533.10
34.12	11.6.1 : Cement plaster askirting upto 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement .18 mm thick	14.8800 54111			8633.70
35	RENOVATION OF HOUSES - 28. Velayudhan	(House no. 305)		166.0600	11376.77
35.01	15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	68.5100 sqm			94020.02
	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	656.1520 kg		143.2900	
	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	51.7100 sqr	n	134.5600	6958.10
fi (t tt	od302501/2022_2023 : Labour charges ixing on roof pressed clay tile Mangalore tile) of 20 mm nominal hickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	68.5100 sq	m	165.6100	11345.94
35.05 1 c n a	aid separately) 2.48: Providing & fixing on roof pressed lay tile (Mangalore tile) of 20 mm ominal thickness and of approved size nd as per approved pattern on steel rame work complete (steel frame work to be paid separately)	13.7020 s	qm	359.1600	4921.21
20 20	2.49 : Providing & laying on roof ressed clay tile ridge (Mangalore tile) of mm thickness and of approved attern on steel frame work complete teel frame work to be paid separately)		metre	79.970	1433.86
36 R	ENOVATION OF HOUSES. 29. Ramakris	hnan	THATEL		
36.01 50 se ho pri	2.10.2 : Steel work for purlin/single ection with G I pipes including cutting, pisting, fixing in position and applying a siming coat of approved steel primer, cluding welding and bolted with special paped washers etc. complete	260.1720	kg	NIRMITA	II KUNDA
			100	13 JUN MALAPP	/*//

	15.31 : Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	24.3000 sqm	166.0600	4035.26
	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	20.5200 sqm	134.5600	2761.17
	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	24.3000 sqm	165.6100	4024.32
36.05	work complete (steel frame work to be paid separately)  12.48 : Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	4.8000 sqm	359.1600	1723.97
36.06	17.2.1: Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS: 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked white solid plastic seat and lid	1.0000 each	5825.0900	5825.0
	50.9.3.2: Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer in-charge.using Pincoda wood.		3038.2200	1471

		7000	com T	1103.5500	1400033
3	glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to 1S: 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 Coarse sand), including pointing the joints with white cement and matching pigments etc., complete.	12.7680	sqiii		
3	RENOVATION OF HOUSES - 30. Raghavan			2222	303.93
37.	.01 15.12.1 : Dismantling doors, windows and clerestory windows (steel or wood ) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:Of area 3 sq. metres and below	1.0000	each	303.9300	300.00
37.0	- III - duark in frames	0.1750	cum	113153.2200	19801.81
	fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately) using good quality Pincoda wood				
37.0	t files appoint of	7.1150	sqm	3038.2200	21616.94
87.04	15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	21.3330	sqm	166.0600	3542.56
7.05	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	224.4190	kg	143.2900	32157.00

					3532.96
37.0	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	21.3330	sqm	165.6100	
37.0	paid separately)	17.6820	sqm	134.5600	2379.29
37.08	S fixing on roof pressed	4.2660	sqm	359.1600	1532.18
38	RENOVATION OF HOUSES - 31. Kurumba 13.1.1: 12 mm cement plaster of mix:1:4	266.6050	sqm	295.4500	78768.45
38.01	(1 cement : 4 fine sand) 13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	273.3690	sqm	66.4500	18165.37
r 2 c g	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 ement : 4 coarse sand), including routing the joints with white cement and natching pigments etc., complete. Size of the specific size	15.0560	sqm	1661.4200	25014.34
sh.04 50 sh cle flo M. of Us	0.9.6.2 : Providing and fixing glazed nutters for doors, windows and erestory windows using 4 mm thick eat glass panes including ISI marked S. pressed butt hinges bright finished required size with necessary screws.	4.5110		3755.4600	16940.8
9 RE	utters NOVATION OF HOUSES - 32. Ramakrishi	nan ( )	MITHE	295.4500	26462.
01 13	1.1 : 12 mm cement plaster of mix:1:4 cement : 4 fine sand)	89.5680		1.	5951.
02 13. thir	43.1 : Applying one coat of water nable cement primer of approved and manufacture on wall	1 * 1	PPURAN	66.4500	

E W				3896.1500	5487791
	9.144: Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm ( ± 0.2 mm), with inbuilt bead on one side, styles and rails mitered cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm ( ± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 02. mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer -in- charge.		sqm		
39.	.04 50.9.1.2 : Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) using good quality Pincoda wood	0.1340	cum	113153.2200	15162.53
39.0	50.9.3.2 : Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer in-charge.using Pincoda wood.	5.6700	sqm	3038.2200	17226.71
40	RENOVATION OF HOUSES - 33. Raju	,		202000000000000000000000000000000000000	
10.01	13.1.1: 12 mm cement plaster of mix:1:4 (1 cement: 4 fine sand)	103.9590	sqm	295.4500	30714.69
- 1	13.43.1 : Applying one coat of water 174 thinnable cement primer of approved brand and manufacture on wall surface: Water thinnable cement primer	103.9590	sqm	66.4500	6908.0

				At the second of	The second secon
40.0	50.9.1.2 : Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) using good quality Pincoda wood	0.0460 CI		3038 2200	5164.97
40.04	50.9.3.2 : Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer in-charge using Pincoda wood.	1,7000 8			2953.21
40.05	15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	17.7840	sqm	166.0600	
	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	171.9650	kg	143.2900	24640.86
40.07	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	13.5750	sqm	134.5600	1826.65
fi (! t!	od302501/2022_2023 : Labour charges ixing on roof pressed clay tile Mangalore tile) of 20 mm nominal hickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be	17.784	0 sqm	165,6100	
10.09 1 c n a fr	paid separately) 2.48: Providing & fixing on roof pressed lay tile (Mangalore tile) of 20 mm ominal thickness and of approved size and as per approved pattern on steel came work complete (steel frame work to be paid separately)	8.500	00 sqm	359.160 NIRMITHI 13 JUN 2024	
	ENOVATION OF HOUSES - 34. Sreedhara		kunnu 80 sqm	295.46	
1.01 13	3.1.1 : 12 mm cement plaster of mix:1:4 1 cement : 4 fine sand)	170.23	00 04//	MLAPPIRA!	

	41.02 4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)  41.03 11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1	40.9950	sqm	1661.4200	68109.91
	cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	•			
42.	RENOVATION OF HOUSES - 35. Unnikrishing 15.31: Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	64.5620	sqm	166.0600	10721.17
42.0	2 50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	666.6190	kg	143.2900	95519.84
42.03	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	47.6450	sqm	134.5600	6411.11
t F	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal hickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be aid separately)	64.5620		165.6100	10692.11
.05   1;   cl   nc   an   fra	2.48 : Providing & fixing on roof pressed ay tile (Mangalore tile) of 20 mm ominal thickness and of approved size ad as per approved pattern on steel time work complete (steel frame work be paid separately)	13.0000 NIRV	SAMI KE	359.1600	4669.08

133					
42.0	12.49: Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).	20.7500	metre	79.9700	1659.38
42.0	7 13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	63.7840	sqm	295.4500	18844.98
43	RENOVATION OF HOUSES - 36. Sankaran	144	"marining	Eliza et al. (2000)	Murtin et al.
43.0	1 15.31 : Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	28.3210	sqm	166.0600	4702.99
43.02	2 50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	252.9010	kg	143.2900	36238.18
43.03	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	19.9720	sqm	134.5600	2687.43
43.04	od302501/2022_2023 : Labour charges fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	28.3210	sqm	165.6100	4690.24
43.05	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	55.7760	sqm	295.4500	16479.02
	13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	55.7760	sqm	66.4500	3706.32
	12.48 : Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	6.0000	sqm	359.1600	2154.96



				1661.4200	63245.
43.08	floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1	38.0960	sqm		
	cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600 x 600 mm.			ALWAY S	1000 N 10
44	RENOVATION OF HOUSES - 37. Raman (Ho	use no. 308)	and the last		128580.73
44.01	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	435.2030	sqm	295.4500	9503.61
14.02 t	13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	143.0190	sqm	66.4500	9503.01
45 F	RENOVATION OF HOUSES - 38. Usha Elect	rification wo	k		60000.00
	umpsum	1.0000	nos	60000.0000	60000.00
46	ENOVATION OF COMMUNITY HALL - CIVI	WORKS	1 = 1	on to sell or a little	ALTERNATION OF
5.01 15 ric	5.28.2 : Dismantling roofing including dges, hips, velleys and gutters etc., and acking the material within 50 metres ad of :Asbestos Sheet	66.6010	sqm	63.0100	4196.53
me /ms 10 side 1.5 exce	B.1: Earth work in excavation by echanical means (Hydraulic excavator) anual means in foundation trenches or ains (not exceeding 1.5 m in width or sqm on plan), including dressing of es and ramming of bottoms, lift up to m, including getting out the eavated soil and disposal of surplus eavated soil as directed, within a lead to m.All kinds of soil	4.4280	cum	279.3200	1236.83
rubl mas inclu lines all m com	7.1: DRY RUBBLE MASONRY _ Dry ble without concrete levelling course sonry with good quality blasted rubble uding packing to compactness to and levels cost and conveyance of naterials labour charges etc. plete as per direction of artmental officers at site	4.4280 NIRMITE	KEND	3284.2000	14542.4

7.1.1 : Random rubble masonry with hard stone in foundation and plinth including levelling up with cement	2.4910	cum	6777.1200	16881.81
concrete 1:6;12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand)				
46.05 50.2.25.1 : Filling with contractor's own earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m as per direction of site Engineer-in-	6.3190	cum	494.6100	3125.44
charge  46.06 4.1.3 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	0.2440	cum	7516.5400	1834.04
46.07 50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	227.1020	kg	143.2900	32541.45
46.08 50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete	1.8000	cum	6551.8400	11793.3



					7152 .15
		103.6010 s	am	694.8500	
	46.09 12.50: Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+0.05%), total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.				
46.	1 12.51.1: Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05%) total coated thickness, zinc coating 120 grams per sqm as per IS:mm(+0.05%) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/self tapping screws complete:Ridges plain (500-600 mm)	9.6800	metre	460.9400	4461.90
6.11	13.1.1: 12 mm cement plaster of mix:1:4	33.2120	sqm	295.4500	9812.49
	( 1 cement : 4 fine sand) 4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8	1.1240	cum	6410.3800	7205.27

	Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in all colours, shades, except white, Ivory, Grey Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc.,	21.4300	sqm	1296.2100	27777.78
46	complete 10.25.2: Item Shifted to head 14 as item 14.74Steel 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.In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	356.2680	kg	145.0100	51662.42
46.		0.0770	cum	102838.7200	7918.58
46.10	50.9.5.1: Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S pressed butt hinges bright finished of required size with necessary screws. Using Anjili wood/ jack wood 35 mm thick shutters.		0 sqm	3710.2100	6607.8
46.17	21.6: Providing and fixing 6 mm dia. G I level adjusting hangers (upto 1200 mm length), fixed to roof slabs by means of ceiling cleats made out of G.I flat 40x3 mm size 60 mm long and stainless steel expandable dash fastener of 12.5 mm dia and 50 mm long, complete as per direction of Engineer -in-Charge.	98.00	00 no	77.420	7587



46.18   21.1.1.1   Providing and fixing falls				1 2 2 2	469.4200	25373.84
ceiling with 7.5 mm thick PVC wooden grains panel board ceiling of approved quality in aluminium frame work with necessary screws etc complete (aluminium frame work shall be paid separately)  46.2 13.88: Removing white or colour wash by scrapping and sand papering and preparingthe surface smooth including necessary repairs to scratches etc. complete  46.21 13.43.1: Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface: Water thinnable cement primer  46.22 13.60.1: Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work  46.23 13.61.1: Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work  46.23 13.61.1: Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work work and and manufacture to give an even shade: Two or more coats on even shade: Two or more coats or more coats on even shade: Two or more coats or more coats or m	work for partition tubular and other conform fixing we and size the gape and side neoprer shall be mitred a wherever Aluminn /paneling screws, drawings in-charge fasteners fixed port (anodised required strength of the conformation of the conforma	or doors, windows, vertilators of the sections of appropriate Z sections are sections of approved make along to IS: 733 and IS: 1285, and the dash fasteners of required diales, including necessary filling up as at junctions, i.e. at top, bottom as with required EPDM rubber/are gasket etc. Aluminium sections amooth, rust free, straight, and jointed mechanically are required including cleat angle, and jointed mechanically are required including cleat angle, and some beading for glazing and the directions of Engineer-actifications, paneling and dash at to be paid for separately):For ionAnodised aluminium at transparent or dyed to shade according to IS: 1868,	53.9790 kg		469.4200	
46.2   13.88 : Removing white or colour wash by scrapping and sand papering and preparingthe surface smooth including necessary repairs to scratches etc. complete  46.21   13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer  46.22   13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work  46.23   13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two and and manufacture to give an even shade:Two paint of approved brand and manufacture to give an even shade:Two and the	ceiling with grains par quality in a necessary	n 7.5 mm thick PVC wooden nel board ceiling of approved aluminium frame work with screws etc complete (	43.6100	sqm	876.3200	38216.32
46.21   13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface: Water thinnable cement primer   194.0330   sqm   66.4500   12893.49   46.22   13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work   194.0330   sqm   142.4000   27630.30   sqm   142.4000   sqm   s	46.2   13.88 : Re by scrappii preparingth necessary	moving white or colour washing and sand papering and ne surface smooth including	160.8210	sqm	15.7500	2532.93
emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work  13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two	46.21 13.43.1 : A thinnable countries brand and it	ement primer of approved manufacture on wall	194.0330	sqm	66.4500	12893.49
paint of approved brand and manufacture to give an even shade:Two	emulsion pa manufacture or more coa	aint of approved brand and to give an even shade:Two		sqm	142.4000	27630.30
or more coats on new work	paint of approprieture	roved brand and to give an even shade:Two	2021	1 12 11	134.5600	20758.84
CONSTRUCTION OF SMASANAM BUILDING	7711795 I B B B	ION OF OWNER	naut	7		

	2.31: Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	60.0000 s	qm	13.9000	834.00
6	2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	7.4160	cum	279.3200	2071.44
ru in lir al	bio.7.1: DRY RUBBLE MASONRY _ Dry ubble without concrete levelling course hasonry with good quality blasted rubble heluding packing to compactness to hes and levels cost and conveyance of ill materials labour charges etc. homplete as per direction of he partmental officers at site	11.5880	cum	3284.2000	38057.31
ea lay co rar and	0.2.26.1 : Filling with contractor own arth (excluding rock) in open areas in yers not exceeding 20 cm in depth, insolidating each deposited layer by mming and watering, lead up to 50 m d lift up to 1.5 m as per direction of site	10.5170	cum	277.9800	2923.52
8.05 4.1 cert exc shu leve	dineer-in-charge.  .3 : Providing and laying in position ment concrete of specified grade cluding the cost of centering and attering - All work up to plinth el:1:2:4 (cement : 2 coarse sand : 4 ded stone aggregate 20 mm nominal	1.2150	cum	7516.5400	9132.60
sect hois prim inclu	tion with G I pipes including cutting, sting, fixing in position and applying a ning coat of approved steel primer, ading welding and bolted with special ped washers etc. complete	987.864	0 kg	143.2900	141551.0

4	8.07   12.50 : Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+0.05%), total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including	67.5000 s	sqm	694.8500	465
48.0	cutting to size and shape wherever required.	58.7700	sqm	951.5300	55921.42
48.09	50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 ( 1 cement : 6 coarse sand) etc complete	3.6600	cum	6551.8400	23979.73
48.1	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	56.1620	sqm	295.4500	16593.06
48.11	13.43.1 : Applying one coat of water thinnable cement primer of approved	56.1620	5018	66.4500	3731.96
	13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work	56 1620	sdm *	142.4000	7997.47

Quoted Percentage Below Quoted Amount					Belov
	Figures  Percentage Relow				6936662.59
48.14	sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works  13.61.1: Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	124.7940	sqm	134.5600	16792.28
48.18	10.25.2 : Item Shifted to head 14 as item 14.74Steel work welded in built up	1099.8320	kg	145.0100	159486.64

Name & Signature of contractor

Project manager cum executive secretary
District Nirmithi kendra, Malappuram

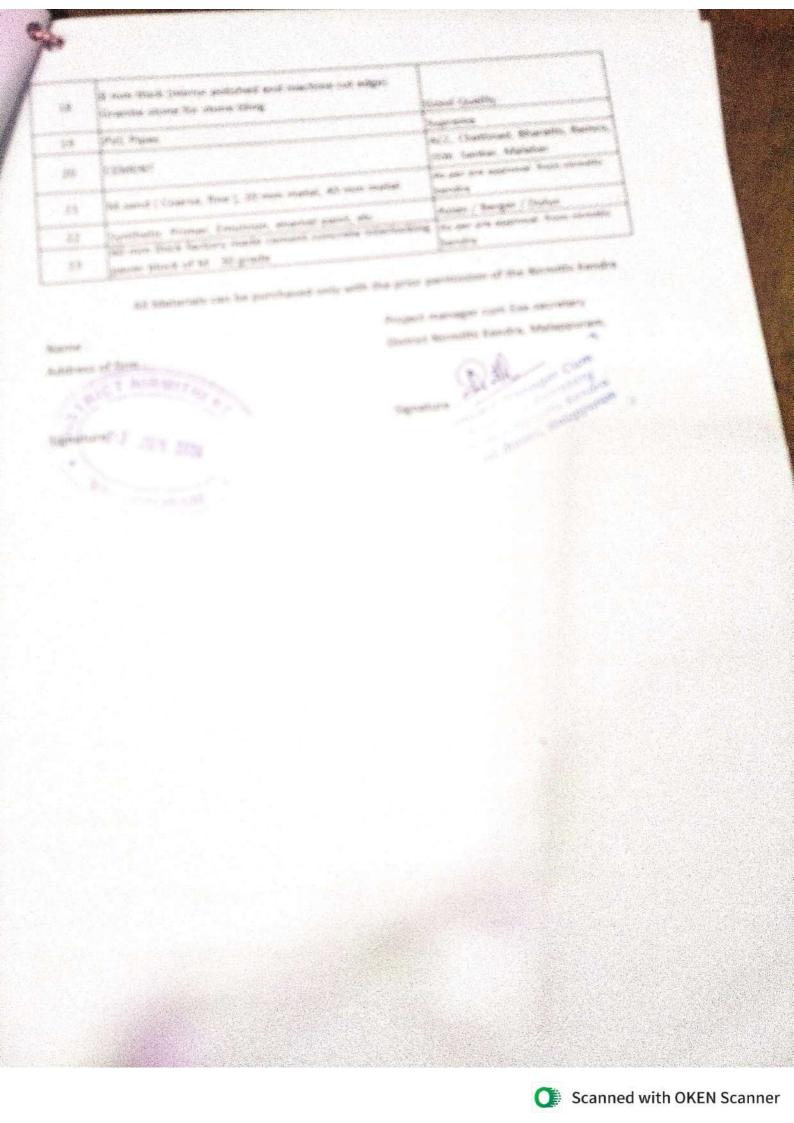


Date: 13/06/2024

# MATERIAL SPECIFICATION CHART

Name of Project	AMBEDKAR GRAMAM PROJECT - 2020 -2021 - KALLARAMKUNNU SC COLONY,
Tender No	DNKM/TNDR/007-H/2022-23

	Items of Materials	Brand / spec
SI no	Ladra gynsum plain board	Gyproc saint gobain, India
1	12.5 mm thick tapered edge gypsum plain board	Gypsum Board
1	conforming to IS: 2095-Part 1	Duro ply, Century ply, Green
	flush door shutters-Block board, Ist class had wood,	nly
2	teak 3 ply veneering with vertical grains	Duro ply, Century ply, Green
_	12 mm thick commercial ply conforming to IS: 1328	alu
3	BWR type	Duro ply, Century ply, Green
140	plywood 4 mm thick, one side decorative veneer	ply
4	conforming to IS: 1328 (type - 1)	Birla white
5	plaster of paris putty	Skylark
6	E - le enigit polish	Skylaria
	the deluminium (minimum thickness of	
	50 micron) extruded built up started	Jindal
7	- tions/appropriate / Sections and other	Jiliuai
7	sections of approved make conforming to IS: 733 and	
	10 1305	
	I winated particle board flat pressed	L Cartury ply Green
	three layer or graded wood particle board conforming to	Duro ply, Century ply, Green
8	three layer or graded wood particle season	
	IS: 12823 Grade I Type II	Saint Gobain
9	float glass panes of 4.0 mm thickness	
	Pre-laminated medium density fibre board exterior	
10	1	Best wood
1700000	athor side halancing lammation,	
	ISI marked oxidised M.S. single acting spring hinges 100	ISI brands
17 1		ISI branus
	mm special quality bright finished brass cupboard or ward	
12	special quality bright mission and	ISI brands
12	robe locks with four levers 40 mm	ISI brands
13	bright finished brass handles 100 mm	Asian / Berger / Dulux.
	Cement Primer, acrylic emulsion, plastic circuistor,	
14	enamel primer, enamel paint, etc	ISI brands / Tata / Jindal/ Appol
15	GI rectanular / circular hollow sections	Bhushan steel.
13	The state of the s	Company of the National States
16		Tata, Appolo, As per pre appro
	Ms Flats, Angles , Channels	from nirmithi kendra
	11.67	A PART OF THE PART
	Roof pressed clay tile (Mangalore tile) of 20 mm	
17	nominal thickness [3] 13 ''''	715t class



#### TENDER DOCUMENT

## DISTRICT NIRMITHI KENDRA, CIVIL STATION, MALAPPURAM

#### GENERAL CONDITIONS

- 1. The Bidder should quote all the items of prescribed schedule; partially quoted tenders will be rejected.
- 2. All works shall be done in conformity with the specifications and conditions of contract in force in the District Nirmithi Kendra, Malappuram. The rate should be quoted in the attached schedule, KCWWF, TDS, GST and other taxes are applicable / levied from the each running bill.
- drawings and Bidder shall examine closely carefully study the additionalspecifications and all the documents, which form part of the agreement to beentered in to by the accepted tenderer. Document connected with the contractsuch as specifications, plans, descriptive specification sheet regarding materials/ brands etc. The quantities have been decreesed as per the site conditions The quantities have The quantities have been decreesed as per the site conditionsbeen decreesed as per the The quantities have been decreesed as per the site conditionssite conditionscan be seen at any time during office hours on office days in the office ofthe DNKM.
- 4. Every tenderer's is expected before quoting his rates, to inspect the site of theproposed work. The best class of materials to be obtained from sources shall beused on the work. In every case the materials must comply with the relevantstandard specifications.
- 5. The tenderer's particular attention is drawn to the sections and clauses in the Standard "Preliminary specifications" dealing with:
- (1) Test, inspection and rejection of defective materials and work.
- (2) Carriage.
- (3) Watering and lighting.
- (4) Clearing up during progress and for delivery.
- (5) Accident.
- (6) Delays.

(8) The contractor should closely peruse all the specification claims which govern the rates

which he is tendering.

6. FIRM PERIOD OF QUOTED RATE.

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In consideration of the tenderer being allowed to quote for the work, heshould keep the tender for a period of 1months from the date of opening thetender.

#### 7. EXECUTION OF AGREEMENT.

- (a) The selected bidder shall within 7 days from the date of receipt of the Work order deposit a sum sufficient to make up thetotal 3 %of the probable value of contract and this shall be treated as security for the proper fulfillment of the contract and shall execute an agreement for the work as directed.
- (b) Further time of 7days shall be allowed to execute an agreement by realizinga fine of 1% of the PAC subject to a minimum of Rs.500/- and maximum of Rs.15000/-
- (c) Bidder will be rejected if agreement is not executed within 15days and thework will be awarded to the next lowest tenderer.
- (d) If the successful Bidder fails to execute the agreement after remitting therequired security amount within the prescribed period, the EMD shall beforfeited and DNKM shall be at liberty to recover any loss or damage causedby the default of the contractor which results in the re-arrangement of thework. The excess cost that has to be paid to the subsequent contractor due tosuch rearrangement will be realized from the assets of defaulted contractor. But the DNKM may in exceptional circumstances limit the penalty tothe quantum of EMD based on the orders of the DNKM in genuine observingcases.
- (e) The conditions stated herein are binding upon the contractor and shall beconstructed as a preliminary agreement between the successful tenderer andthe DNKM pending execution of the agreement.
- (f) The work awarded bidder should submit a Kerala Stamp paper worth Rs.200/- for signing agreement
- (g) The contractor will take over charge within 7 days after executing theagreement and commence the work.
- 8. The DNKM reserves the right to reject any bidder or all the tenders without assigning anyreason therefore.
- 9. The right to carry out the work either in conformity with or in a mannerentirely different from the terms of this invitation that may be considered most suitable before or subsequent to the receipt of tenders due to exigencies ofwork, is reserved with the DNKM.
- 10. Any further information necessary can be obtained from the DNKM on all working days during office hours.

#### 11. EXTENTION OF TIME OF COMPLETION

- (a) The work should be completed in all respects within the agreement period, further extension will not be allowed.
- (b) To take care of any delay occurring due to unexpected technical problemsfaced during execution of the work, time of completion shall be extended by DNKM to complete the work .If the contractor delays the work further, penalty shall be imposed based on PWD guideline .The extension of time of completion will not be granted if the extension is necessitated due to the default on the part of the contractor.
- 12. The contractor is prohibited from removing any department materials from thesite/site store without the written permission of the Engineer in charge. Anyunauthorized removal of Departmental materials from the site will be taken as a violation of agreement. The contractor or his authorized agent shall verifythe register or department materials maintained by the Officers of DNKM atsite and attest the entries regarding the receipts, daily issues and balanceavailable at site. The contractor shall also maintain a copy of the same dulyattested by the Site Engineer or his authorized representative.
- 13. Any other materials available in the DNKM stores if issued to the contractorthe cost of the same will be recovered at book value or issue rate plus 8% storage and 12 ½ % of supervision charges or market value or data rate whichever is higher.
- 14. No employee of DNKM, personally or through family members, will in connection with the tender/ quotation for, or the execution of contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- 15. The contractor will provide his own tools and plant, store sheds to store his own materials as well as those supplied and will be entirely responsible forproper use and safe custody of the latter and also for any loss, damage, theft, mishandling, weathering or any cause whatsoever.
- 16. The contractor shall be responsible for the safety of the labour employed byhim and he shall be liable to pay the necessary compensation in case ofaccidents as per the workmen's Compensation Act.
- 17. The contractor shall be liable for all damages caused to public amenities suchas electric wires, telephone cables, water mains and private property whichshould be repaired and restored with least delay.
- 18. The contractor should make his own arrangement to extricate himself fromany legal action instituted against him by other agencies.
- 19.All sums found due to DNKM by virtue of the present contract or any othercontract shall be recoverable first from the securitydeposit furnished by the contractorand if the sum is found insufficient such deficit amount shall be recoverable inany other manner as the DNKM may deem fit.

20. Time is the essence of the contract. Undue and avoidable delay in the execution of the work will render the contractor liable to penalty.

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- 21. The DNKM reserves the right to terminate the contract atany time in case of poor work, slow progress or violation of rules in otherways.
- 22. The DNKM reserves the right to abandon the work atany stage if he finds such as a course is necessary and the contractor will bepaid only for the finishing items of works.
- 23. The tenderer on execution of the agreement shall take instruction from the DNKM or thesite officers of the Engineering wing, as per tender schedule and agreement.

#### 24. RETENTION

The Security Deposit of the contractor will be released to him after the completion of the Defect Liability period of 18 months anddue fulfillment of the contract agreement and on production of no liabilitycertificate from the Engineer in charge. The contractor shall be permitted to substitute the security deposit by Bank Guarantee after the completion ofwork and acceptance of measurements of work by contractor on the writteninstruction of DNKM.

- 25. The deposits and recoveries from the contractor i.e. EMD, Security Deposit, retention, balance payment due to the contactor will not bear interestwhatsoever from the employer.
- 26. The Notice Inviting tender conditions stated herein will form part of theContract Documents.

## 27. SETTLEMENT OF DISPUTES

Any dispute or difference that arise between the Engineer-in-charge and the Contractor on account of this contract, shall at the instance of either party beReferred to the DNKM whose decision given in writing shall be final conclusive andbinding. The DNKM may at his distraction delegate in writing any of his powers, regarding the specifications and execution of work as per the agreement forthis work.

### 28. Special Condition

- (i) Work has to be carried out as per the priority fixed by the DNKM.
- (ii) GST, KCWWF, IT will be levied as per the rulesand coming into force during time totime.
- (iii) Taxes if any imposed by the Govt./Central Govt. from time to time also will beeffect.
- 29. The undersigned reserves the right to reject any or all tenders without assigning any reasons. Tenders not satisfying the above Terms and conditions are liable to be rejected without any further communication.

Signature of Bidder

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### SPECIAL CONDITIONS

- 1. The rates tendered by a bidder for the work shall include the cost of
- a) All labour and supervision thereof all materials, tools implements and plants of every description, ladders, cordage, Tackle etc., as well as the provision of safe and substantial scaffolding required for the proper execution of the work inconformity with the specification for the various items of work:
- b) Supplying the requisite agency with necessary equipment, to set out the works

are well as to afford facilities for such examination of work as the DNKM may, at any time consider desirable, as also to count, weigh and assist in the measurement, or check measurement of the work or materials:

- c) Finally clearing away of all rubbish, surplus materials paint etc. on completion of the work and dressing and leveling off and restoring the site to a tidy condition prior to handing over the work to the DNKM or his authorized assistant and also its maintenance until so taken over.
- 2. The contractor shall be bound to bear the expense of defense of any action or law proceeding that may be brought by person for any injury sustained of any owing to neglect of above precautions in connection with the execution of the work and to pay any damage and cost which may be awarded in consequence.
- 3. The contractor should have responsibility to make arrangements at site to take measurements / pre-measurements of work executed / to be executed by the concerned Engineer, in specified MEASUREMENT BOOK in time to time.
- 4. A hindrance register will be maintained in all site office. The reason for the actual delay from time to time in completing the work will be assessed and recorded in the register by the site officer. The contractor should satisfy themselves the recording in the register and confirm the same by putting the signature in the register at least once in a week. The entries containing the signature of the contractors alone will be considered for their claims.
- 5. Indian standard specifications shall be followed in case of all the material used, workmanship and other conditions and requirements of the contract.
- 6. The contractor shall before commencement of the work submit the progress schedule indicating the date of start, monthly progress expected to be achieved and the anticipated completion date of all major item of work to be done by him. In case it is subsequently find necessary to alternate the schedule incorporating necessary modifications the same shall be got approved by competent authority.
- 7. The DNKM has full power to engage other workmen on the premises to execute fitting or carry out work not include in the contract and the contractor shall afford reasonable facility for the same.
- 8. No claims will be entertained by the DNKM on account of any increase in railway or road freight cost of all building materials and other materials like petrol, diesel, lubricate etc.

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