आज मिति २०८३ साउन २५ गते सोमबारका दिन यस टोखा नगरपालिकाका प्रमुख श्री प्रकाश अधिकारीज्यूको अध्यक्षतामा तपशिलको उपस्थितिमा नगरकार्यपालिकाको आ.व. २०८३/८४ को पहिलो बैठक बसी देहाय बमोजिमको निर्णयहरु पारित गरियो ।

क.स	पद	नाम थर	हस्ताक्षर	कै.
१	प्रमुख	श्री प्रकाश अधिकारी		
२	उपप्रमुख	श्री मुरारी तामाङ		
३	सचिव / प्रमुख प्रशासकीय अधिकृत	श्री कमल भट्टराई		
४	वडा अध्यक्ष	श्री रमेश कुमार लामिछाने		
५	वडा अध्यक्ष	श्री धर्मेन्द्र श्रेष्ठ (२)		
६	वडा अध्यक्ष	श्री रमेश डंगोल		
७	वडा अध्यक्ष	श्री धर्मेन्द्र श्रेष्ठ (४)		
८	वडा अध्यक्ष	श्री मदन गुरुङ		
९	वडा अध्यक्ष	श्री शान्ता खनाल पौडेल		
१०	वडा अध्यक्ष	श्री नरोत्तम राना		
११	वडा अध्यक्ष	श्री रमेश खपी		
१२	वडा अध्यक्ष	श्री रामभक्त धिमिरे		
१३	वडा अध्यक्ष	श्री मचाकाजी महर्जन		
१४	वडा अध्यक्ष	श्री घनश्याम खड्का		
१५	न.का.स	श्री सुनिता श्रेष्ठ परियार नेपाली		
१६	न.का.स	श्री सायरा परियार		
१७	न.का.स	श्री जगतमाया प्रजापती महर्जन		
१८	न.का.स	श्री लिलादेवी अधिकारी		
१९	न.का.स	श्री शान्ता राई		
२०	न.का.स	श्री प्रेम कुमार सुनुवार		
२१	न.का.स	श्री सरिता घले		
२२	न.का.स/प्रवक्ता	श्री बच्चुराज बस्याल		

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आ.ब.२०८३/८४ को प्रथम नगरकार्यपालिका बैठकका निर्णयहरुः-

क्र.सं.	प्रस्ताव	निर्णयको व्यहोरा
१	अघिल्लो कार्यपालिका बैठकको निर्णय कार्यान्वयन सम्बन्धमा	अघिल्लो नगर कार्यपालिका बैठकले पारित गरेका निर्णयहरुको कार्यान्वयन अवस्थाबारे छलफल र समीक्षा गरियो ।
२	अनुगमन तथा सुपरीवेक्षण समितिबाट पेश भएको प्रतिवेदन अनुमोदन सम्बन्धमा ।	यसै साथ संलग्न सूची बमोजिमका सम्पन्न आयोजनाहरुको नगर/वडास्तरीय अनुगमन तथा सुपरीवेक्षण समितिबाट अनुगमन भई पेश भएको प्रतिवेदन उपर छलफल भई उक्त अनुगमन प्रतिवेदनहरु अनुमोदन गरियो । साथै, आगामी दिनमा आयोजना तथा कार्यक्रमको अनुगमन र सुपरीवेक्षण कार्यमा थप सुधारका लागि निर्देशन दिने ।
३	आ.ब.२०८२/८३ को वार्षिक समीक्षा सम्बन्धमा ।	गत आ.ब. २०८२/८३ मा नगरपालिका कार्यालय तथा अन्तर्गतका कार्यालयबाट सम्पादित कार्यको वार्षिक समीक्षा कार्यक्रम मिति २०८३ भाद्र ४ र ५ गते नगरपालिकाको सभाहलमा आयोजना गर्ने ।
४	आ.ब. २०८३/८४ को (वस्तु तथा सेवाको निर्माण तथा खरिद सम्बन्धी) स्थानीय दररेट तथा दर विश्लेषण सम्बन्धमा ।	टोखा नगरपालिका भित्र आ.ब. २०८३/८४ मा संचालन हुने निर्माण कार्यको लागि काठमाडौं जिल्लाको जिल्ला दररेट निर्धारण समितिले चालु आ. ब. २०८३/८४ को लागि स्वीकृत गरेको काठमाडौं जिल्लाको ज्यालादर तथा निर्माण सामाग्रीहरुको जिल्ला दररेट एवं संलग्न बमोजिमको दर विश्लेषण स्वीकृत गर्ने ।
५	भुक्तानी दिन बाँकी कच्चेबारी फाराम नं. १८ बमोजिम भुक्तानी सम्बन्धमा	गत आ.ब. २०८२/८३ मा योजना तथा कार्यक्रम सम्पन्न भई भुक्तानीको लागि पेश भएका तर प्राविधिक कारणबाट भुक्तानी हुन नसकेका योजना तथा कार्यक्रमहरुको आर्थिक प्रशासन शाखाबाट तयार भएको संलग्न भुक्तानी दिन बाँकी कच्चेबारी फारम (म.ले.प.फा.नं. १८) बमोजिम भुक्तानी उपलब्ध गराउने ।
६	टोखा नगरपालिकाको घ वर्गको निर्माण व्यवसायी इजाजत पत्र सम्बन्धी कार्यविधि, २०७५ बमोजिम संलग्न निर्माण व्यावसायीहरुलाई घ वर्गको निर्माण व्यवसायी इजाजत पत्र प्रदान गर्ने ।	

सि.नं.	निर्माण व्यावसायीको नाम	व्यावसाय रहने वडा नं.	कै.
१.	ई.आर.इन्फ्रा प्रा.लि.	टोखा-८	
२.	श्रेष्ठ बिल्डर्स एण्ड रिनोभेशन एक्सपर्टस् प्रा.लि.	टोखा-८	
३.	के.ए.पी. कन्स्ट्रक्सन एण्ड सप्लायर्स प्रा.लि.	टोखा-१०	
४	एन.इ.यु. कन्स्ट्रक्सन एण्ड सप्लायर्स प्रा.लि.	टोखा-२	
५	साम इन्जिनियरिङ्ग कन्सल्टेन्सी एण्ड कन्स्ट्रक्सन प्रा.लि.	टोखा-०८	
६	युग कन्स्ट्रक्सन प्रा.लि.	टोखा-१०	
७	प्यासन बिल्डर्स प्रा.लि.	टोखा-१०	
८	ए.एम.कन्स्ट्रक्सन एण्ड सप्लायर्स प्रा.लि.	टोखा-१०	
९	सोलिड कोर कन्स्ट्रक्सन प्रा.लि.	टोखा-३	

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क.सं.	प्रस्ताव	निर्णयको व्यहोरा			
		१०	इपिक भिजन इन्जिनियरिङ एण्ड कन्स्ट्रक्सन प्रा.लि.	टोखा-१०	
		११	ब्लु पिक इन्जिनियरिङ कन्स्ट्रक्सन प्रा.लि.	टोखा-३	
		१२	श्रीदेव बिल्डर्स प्रा.लि.	टोखा-८	
७	आर्थिक सहयोग सम्बन्धमा ।	१. टोखा नगरपालिका वडा नं. ८ को रमणवस्ती क्षेत्रमा रहेको विष्णुमति उकासको सरकारी/सार्वजनिक जग्गा खाली गराउने कार्य अन्तर्गत उक्त क्षेत्रमा लामो समयदेखि वसोवास गर्दै आएका श्री भिष्म खड्कालाई सो स्थान खाली गराउन, निजको सरसामाग्री तथा वसोवास टहरा भत्काउने सामाग्री स्थानान्तरण, ढुवानी खर्च, वसोवास, घरभाडा, खाद्य सामाग्री व्यवस्थापनका लागि वडा कार्यालयको सिफारिसको आधारमा तत्काल वसोवास व्यवस्थापन गर्न नगरपालिकाको तर्फबाट रु १ लाख ७५ हजार खर्च शिर्षक नं. २७११२ मा (अन्य सामाजिक सुरक्षा,आकस्मिक सहयोग अनुदान समेत) शिर्षकबाट आकस्मिक सहयोग अनुदान उपलब्ध गराउन नगरपालिका प्रशासनलाई निर्देशन दिने । २. टोखा नगरपालिका वडा नं. १० सामाखुशी क्षेत्रमा उच्च विद्युत भोल्टेजको करेन्ट लागि गम्भीर घाईते भएका तुसान घलेलाई औषधि उपचार सहयोग स्वरुप निवेदक निजको दिदी पुष्पा घले (ना.प्र.नं. ४४-०१-८०-०१६०७/ गोरखा)लाई रु. ७५ हजार औषधि उपचारको लागि खर्च शिर्षक नं. २७११२ मा (अन्य सामाजिक सुरक्षा,आकस्मिक सहयोग अनुदान समेत) शिर्षकबाट आकस्मिक सहयोग अनुदान उपलब्ध गराउन नगरपालिका प्रशासनलाई निर्देशन दिने ।		
८	ढल तथा सडक मर्मत सम्बन्धमा ।	१. टोखा नगरपालिका वडा नं. ३ स्थित झुडोल आदर्श टोलको मूल सडकमा वर्षातका कारण उत्पन्न विपद् रोकथाम एवं ढल तथा सडक मर्मतको लागि नगरस्तरीय विपद् व्यवस्थापन समितिको मिति २०८३-३-१२ को सिफारिस समेतको आधारमा मिति २०८३-३-२३ को नगरप्रमुखस्तरीय निर्णय अनुसार विपद् व्यवस्थापन कोषबाट रु ५ लाख र विविध मर्मत संभार भैपरी शिर्षकबाट रु ५ लाख ८० हजार गरी नगरपालिकाबाट कूल रु. ११ लाख ८० हजार वेहोर्ने गरी आदर्श टोल उपभोक्ता समितिसँग उक्त मर्मत कार्यको लागि भएको सम्झौता एवं कायदिश अनुमोदन गर्ने । २. टोखा नगरपालिका वडा नं. ३ को धनेश्वरबाट साङ्गलेखोला तर्फजाने सडकमा ह्युमपाईप फुटेर सडक भासिन गई विभिन्न व्यक्तिहरुको घर समेत जोखिममा परेको उक्त जोखिम रोकथाम एवं ढल तथा सडक मर्मतका लागि नगरस्तरीय विपद् व्यवस्थापन समितिको सिफारिस समेतको आधारमा नगरस्तरीय विविध मर्मत भैपरी शिर्षकमा विनियोजित रकम मध्येबाट लागत अनुमान अनुसारको रकम १० लाख १५ हजार नगरपालिकाबाट वेहोर्ने गरी		

क.स.	प्रस्ताव	निर्णयको व्यहोरा
		स्थानीय उपभोक्ता समिति मार्फत तत्काल मर्मत कार्य अगाडि बढाउने ।
९	सामुदायिक भवनको सटर कवल भाडामा लगाउने सम्बन्धमा ।	टोखा नगरपालिका वडा नं. ११ स्थित गोरखकाली मन्दिर/लक्ष्मीनारायण मन्दिरसंगैको सामुदायिक भवनमा रहेको सटर सार्वजनिक सूचना मार्फत बहालमा लगाउने ।
१०	अध्ययन विदा स्वीकृत सम्बन्धमा ।	टोखा नगरपालिका अन्तर्गत आधारभूत स्वास्थ्य केन्द्र वडा नं. ६ मा जनस्वास्थ्य निरीक्षक अधिकृत छैटौं पदमा कार्यरत श्री सुनिता परियार (क.सं.नं. २०६६४७) चीन स्थित Southern Medical University मा Master's Programme of Public Health (MPH) अध्ययन गर्न छनौट भएकोमा बागमती प्रदेश सभाद्वारा स्वीकृत स्थानीय सेवा (गठन तथा संचालन) ऐन, २०७९ बमोजिम निजको मिति २०८३ भाद्र १२ देखि २०८५ भाद्र ११ सम्म तलबी अध्ययन विदा स्वीकृत गर्ने ।
११	सूचिकृत मेलमिलापकर्ताको विवरण सम्बन्धमा ।	संलग्न बमोजिमको टोखा नगरपालिकाको आ.व.२०८३/८४ का लागि सूचिकृत मेलमिलापकर्ताहरुको विवरण स्वीकृत गर्ने ।

आ.व. २०८३/०८४ मा सूचिकृत मेलमिलापकर्ताहरुको विवरण

क्र.सं.	नाम	वडा नं.	सम्पर्क नं.	ईमेल
१	श्याम कृष्ण डंगोल	१	९८५१०५५५७८	
२	महेश श्रेष्ठ	१	९८४३५८२००३	mahesstha1995@gmail.com
३	कौशीला पोखरेल	१	९८५१०६४१७२	
४	गणेश बिडारी	१	९८५१०५८५५०	ganeshbidari12@gmail.com
५	सुमित्रा घिमिरे	१	९८४१९८२२४४	lamichhanesumitra23@gmail.com
६	प्रमा खत्री	१	९८४११५७५९३	
७	अशोक डंगोल	२	९८४९०६६७५३	aasuasok32@gmail.com
८	सञ्जय डंगोल	२	९८४३६८४२३४	dangolsunj16@gmail.com
९	पूजा श्रेष्ठ	३	९८०३१९७९७७	shreepuja70@gmail.com
१०	विष्णुदेवी शर्मा	३	९८४७६६५२२३	mabishnu33@gmail.com
११	उर्मिला श्रेष्ठ	३	९८४१८९९५७५	shresthaurmila681@gmail.com
१२	विष्णुमाया शर्मा	३	९८४१९४२३५९	dhakal033@gmail.com
१३	योगेश डंगोल	३	९८६१३१८०९०	
१४	भोलानाथ प्रेमी उपाध्याय	४	९८४१२५८३९०	bpremee@gmail.com
१५	घनश्याम प्रसाद रजक	४	९८५१२२०८७५	ghanshyam1984rajak@gmail.com

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१६	चन्द्रबहादुर श्रेष्ठ	५	९८४१२११४२०	
१७	सुरेश कुमार राई	५	९८५१२८३३८८	sureshbung@gmail.com
१८	यमुना घिमिरे	६	९८४१२०६०७२	yamunagm@gmail.com
१९	बाबुराम अधिकारी	६	९८५१०७८३९२	baburam05@gmail.com
२०	इन्दिरा देवी गिरी	६	९८४१७९३४६९	indiragiri@gmail.com
२१	पुष्पा भुसाल (विमली)	६	९८४१७७७२५२	puspabhusal121@gmail.com
२२	विष्णु खरेल	६	९८४००५८०१५	bishnukk77@gmail.com
२३	विष्णु कला भण्डारी	६	९८५११४४९५७	adhikaribishnu@gmail.com
२४	ज्ञानु पौडेल	७	९८४३७२८९०९	
२५	गिता देवी शर्मा	८	९८६०२५३४३९	dhakalgita@gmail.com
२६	शान्ता वाग्ले	८	९८४००९३४७६	shantawagle11@gmail.com
२७	सपनादेवी पौडेल	८	९८४१७३८८६१	
२८	गायत्री लामिछाने	८	९८५११६१५००	
२९	गायत्री रिमाल	८	९८६४६८९४४६	rimalgayatri2040@gmail.com
३०	लक्ष्मी नेपाली	८	९८२३१४५३९६	
३१	शोभा अधिकारी आचार्य	८	९८४१६३४४९७	perfectsanu3@gmail.com
३२	मन्दा पौडेल	९	९८४४९४३५६११	sahacmanda@gmail.com
३३	गोबिन्द प्रसाद खरेल	९	९८४१३२२४८५	govindakharel884@gmail.com
३४	नारायण प्रसाद तिमिल्सिना	१०	९८५१४१२७७५	narayantimilsina776@gmail.com
३५	अन्जु मानन्धर शाही	१०	९८४१२४९२९४	anjushahi2040@gmail.com
३६	भिम कुमारी लुइटेल	१०	९८४७००८५८१	regmibhima7@gmail.com
३७	इन्दिरा अर्याल	१०	९८४१८९०७६०	indiraaryal1978@gmail.com
३८	गणेश दाहाल	११	९८४१४३५३०४	ganeshdahal548@gmail.com
३९	ताराबहादुर पहराई	११	९८४२९३१४८७	tarabahadurpaharai2023@gmail.com
४०	मायादेवि सिग्देल	११	९८४१६९३१९६	mdsghimire@gmail.com
४१	ज्ञानु अधिकारी	११	९८४१४१३८४२	gyanuadhikari@gmail.com
४२	बिन्दा लामिछाने	११	९८६१६१०७१५	ghanshyam1984rajak@gmail.com
४३	प्रमिला रिमाल	११	९८४९३६७१७२	
४४	दिवस पराजुली	तार्केश्वर ४	९८४९९३६९३७	pdivash@gmail.com
४५	निर्मल विष्ट	का.म.न.पा.२६	९८५१२०१४३४	nirmalbista2015@gmail



Office of Municipal Executive

Tokha Municipality

Maijuhiti, Kathmandu

FY 2083/84
CIVIL RATE ANALYSIS

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Tokha Municipality

Office of Municipal Executive

Maijuhiti, Kathmandu

Bagmati Province

Summary Rate of Civil Works FY 2083/84

S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
	SITE CLEARANCE					
1.0	Cutting and clearing 12-30 cm dai. Rounded tree including a lead of 15 m and a lift of 1.0 m all complete work as per specification and instrunction of site Engineer.	Nos.	149.50	130.00		
2.0	Cutting and clearing 61-120 cm dai. Rounded tree including a lead of 15 m and a lift of 1.0 m all complete work as per specification and instrunction of site Engineer.	Sqm	1,127.00	980.00		
3.0	Unrooting and clearing 12-30 cm dai. Rounded tree including a lead of 15 m and a lift of 1.0 m all complete work as per specification and instrunction of site Engineer.	Nos.	460.00	400.00		
4.0	Unrooting and clearing 61-120 cm dai. Rounded tree including a lead of 15 m and a lift of 1.0 m all complete work as per specification and instrunction of site Engineer.	Sqm	2,898.00	2,520.00		
5.0	Site preparation work with cleaning and disposal of debris, uprooting roots, solid wastes etc all complete work as per instruction.	Sqm	26.45	23.00		
6.0	Surface dressing work and site clearance .	Cum	11.50	10.00		
7.0	Grass Carpeting works including Cutting of Carpet, Transportation, Laying, Watering and Mulching all Complete	Sqm	530.43	461.24	410.84	
8.0	Tree Plantation, Excavation of Trench, Febrication and fixing of Tree Guard of Metal Frame (45cm Dia., 4-3x20mm iron listy, 5"x5" mesh and height 1 m), watering and mulching of Plant all complete	Nos.	2,215.05	1,926.13	1,084.13	
	EARTH WORKS					
9.0	Sieve Analyusis, Hydrometer Analysis, Atterberg's Limit, Specific Gravity, Natural Moisture Content, Direct Shear Test, Unconfined Compression Test, Conlolidation Test, Conducting SPT at 1.5m interval using auto trip hammer syster including collection of samples, sealing etc, Retrieving undisturbed samples for consolidation and shear strength tests for per BH.	Per Bore hole	56,289.41	48,947.31	25,300.00	
10.0	Earthwork in excavation including a lead of 10 m and a lift of 1.5 m in soft soil all complete work as per specification and instrunction of site Engineer.	Cum	829.15	721.00		
11.0	Earthwork in excavation including a lead of 10 m and a lift of 1.5 m in Ditch Cutting in hard Soil all complete work as per specification and instrunction of site Engineer.	Cum	947.60	824.00		
12.0	Earthwork in excavation in site leveling in soft soil using excavator capacity 0.8 ton.	Cum	46.28	40.24		
13.0	Earthwork in excavation in site leveling in hard soil using excavator capacity 0.8 ton.	Cum	55.63	48.37		
14.0	Cutting in disintegrated rock without blasting to be removed by pick axes and crow bars and depositing materials within 50m initial lead and 1.5m initial lift including rough dressing as per specification.	Cum	3,553.50	3,090.00		
	FILING WORKS					
15.0	Filling with Ordinary Soil with each 15 cm thick layer and mannual compaction by sprinkling with water.	Cum	1,125.16	978.40	478.40	

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
16.0	Filling with Ordinary Soil with each 15 cm thick layer and compaction by sprinkling with water. (Using Borrowed Soil)	Cum	576.61	501.40	1.40	
17.0	Sand filling work in trenches and floor including watering and compacting by ramming all complete.	Cum	5,094.64	4,430.12	3,730.13	
18.0	Gravel filling work in trenches and floor including watering and compacting by ramming all complete.	Cum	3,674.13	3,194.90	2,444.90	
19.0	Filling of dry stone in Foundation Trench or in Rip-rap with Proper leveling including complete haulage and lift.	Cum	5,525.76	4,805.01	3,305.01	
20.0	Brick ballast filling in soak pit including supply of filling materials as per instruction of site engineer.	Cum	4,850.12	4,217.50	2,887.50	
	SOLING WORKS					
21.0	Dry stone / boulder soling work in foundation bed using all complete asper specification and instrunction	Cum	5,525.76	4,805.01	3,305.01	
22.0	Flat brick soling work in foundation bed using all complete as per specification and instrunction.	Sqm	1,199.75	1,043.26	876.76	
	STONE MASONRY WORKS					
23.0	Rubble masonry works including supply of hard stone, preparing cement mortar of 1:3 and construction of wall upto 5m high for haulage distance of 10 m as per specification and instrunction.	Cum	16,059.84	13,965.08	6,970.08	
24.0	Rubble masonry works incl. supply of stone, preparing C/S mortar of 1:4 & construction of wall upto 5m high for haulage distance of 10 m as per specification and instrunction	Cum	15,655.15	13,613.17	6,618.18	
25.0	Rubble masonry works incl. supply of stone, preparing C/S mortar of 1:6 & construction of wall upto 5m high for haulage distance of 10 m .	Cum	14,943.29	12,994.17	5,999.17	
26.0	Dry Rubble masonry works incl. supply of stone & construction of wall upto 5m high for haulage distance of 10 m .	Cum	7,313.52	6,359.58	3,029.59	
27.0	Rubble masonry works incl. supply of stone, preparing mud mortar of 1:6 & construction of wall upto 5m high for haulage distance of 10 m .	Cum	7,777.16	6,762.75	3,182.75	
	BRICK WORKS					
32.0	Chimney made Brick masonry works with supplying and laying of first class bricks, making C/S mortar of 1:4 & construction of brick walls of chimney bhatta on ground all complete works.	Cum	17,419.88	15,147.72	10,746.73	
33.0	Chimney made Brick masonry works with supplying and laying of first class bricks, making C/S mortar of 1:4 & construction of brick walls of chimney bhatta above ground all complete works.	Cum	18,012.13	15,662.72	10,746.73	
34.0	Chimney with supplying and laying of first class bricks, making C/S mortar of 1:6 & construction of brick walls of chimney bhatta on ground all complete works.	Cum	17,046.58	14,823.11	10,422.12	
35.0	Chimney made Brick masonry works with supplying and laying of first class bricks, making C/S mortar of 1:6 & construction of brick walls of chimney bhatta above ground all complete works.	Cum	17,638.83	15,336.11	10,422.12	
	CONCRETE / STEEL WORKS By Manual Means					
36.0	Concrete hollow block masonry works with supplying and laying of hollow blocks, making C/S mortar of 1:4 & construction of walls all complete works.	Cum	1,959.83	1,704.20	1,121.70	

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
37.0	M10 Grade (1:3:6 mix by volume) concrete work in foundation, vertical walls incl. supply of materials & haulage upto 30 m.	Cum	14,720.70	12,800.61	7,470.61	
38.0	M15 Grade (1:2:4 mix by volume) concrete work in foundation & vertical walls incl. supply of materials & haulage upto 30 m.	Cum	15,946.53	13,866.55	8,536.55	
39.0	M15 Grade (1:2:4 mix by volume) concrete work on superstructure, deck slab, beam etc incl. supply of materials & haulage upto 30 m.	Cum	19,090.63	16,600.55	8,536.55	
40.0	M20 Grade (1:1.5:3 mix) concrete work upto required height, foundation, beam, slabs & walls incl. supply of materials & haulage upto 30 m.	Cum	20,316.01	17,666.10	9,602.10	
41.0	M25 Grade (1:1:2 mix) concrete work upto required height, foundation, beam, slabs & walls incl. supply of materials & haulage upto 30 m.	Cum	23,415.04	20,360.90	12,296.91	
42.0	Ready Mix Concrete (RMC) work upto required height, foundation, beam, slabs & walls incl. supply of materials & haulage to required site.	Cum	20,219.81	17,582.44	13,392.45	
43.0	Tor steel or TMT reinforcement bar of fe 415/500 grade including straightening, cleaning , cutting , binding & fixing in position with anneled tying binding wire as per drawing, design & instruction all complete.	Kg	145.83	126.81	98.85	
	CONCRETE / STEEL WORKS By Machine					
44.0	M10 Grade (1:3:6 mix by volume) concrete work in foundation, vertical walls incl. supply of materials & haulage upto 30 m by using Mixer and Vibrators.	Cum	14,878.22	12,937.58	8,772.59	
45.0	M15 Grade (1:2:4 mix by volume) concrete work in foundation & vertical walls incl. supply of materials & haulage upto 30 m by using Mixer and Vibrators.	Cum	16,301.82	14,175.50	10,010.50	
46.0	M20 Grade (1:1.5:3 mix) concrete work upto required height, foundation, beam, slabs & walls incl. supply of materials & haulage upto 30 m by using Mixer and Vibrators.	Cum	17,511.30	15,227.22	11,062.22	
47.0	M25 Grade (1:1:2 mix) concrete work upto required height, foundation, beam, slabs & walls incl. supply of materials & haulage upto 30 m by using Mixer and Vibrators.	Cum	20,610.33	17,922.03	12,296.91	
48.0	M25 Grade (1:1:2 mix) Ready Mix Concrete (RMC) work upto required height, foundation, beam, slabs & walls incl. supply of materials & haulage upto 30 m by using Mixer and Vibrators.	Cum	20,219.81	17,582.44	13,392.45	
49.0	Tor steel or TMT reinforcement bar of fe 415/500 grade including straightening, cleaning , cutting , binding & fixing in position with anneled tying binding wire as per drawing, design & instruction all complete.	Kg	145.83	126.81	98.85	
	FORM WORKS					
50.0	Formwork Shuttering, centering with approved materials for all works necessary propping, scaffolding, stagging supporting inclussive of wedding and cutting holes for utilization till the support if fully unyielding net all complete.	Sqm	1,058.64	920.56	434.80	
51.0	19mm Plywood formwork in column	Sqm	1,921.26	1,670.66	610.09	
52.0	Iron pipe and ply board for formwork in Slab	Sqm	1,150.09	1,000.08	514.33	
53.0	19 mm Ply wood formwork for beam	Sqm	1,553.54	1,350.90	595.80	
54.0	19mm Plywood Formwork Shuttering, centering with approved materials for all works necessary propping, scaffolding, stagging supporting inclussive of wedding and cutting holes for utilization till the support if fully unyielding net all complete.	Sqm	1,553.54	1,350.90	595.80	
	SAL WOOD WORKS					

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
55.0	Supplying, Making & Fitting Salwood chowkhat Frame works for doors windows including the timber shall be seasoned and matured.Free from wraps. Knots holes and other defects as per specification etc all complete.	Cum	343,856.25	299,005.43	250,385.44	
56.0	38 mm thick salwood paneled door shutter Dilakhapa including fixing with approved size of heavy duty hinges, aluminium tower bolts handle,locking set as per design and instruction all complete.	Sqm	18,004.42	15,656.02	8,891.59	
57.0	38 x 75 mm salwood paneled door shutter with 5 mm glass including fixing with approved size of heavy duty hinges, aluminium tower bolts handle,locking set as per design and instruction all complete.	Sqm	12,743.43	11,081.24	5,309.95	
58.0	38 mm thick salwood paneled door shutter with 6 mm waterproof plywood including fixing with approved size of heavy duty hinges, aluminium tower bolts handle,locking set as per design and instruction all complete.	Sqm	10,711.36	9,314.23	4,855.43	
59.0	38 mm thick salwood door shutter with mosquito proof wire mesh jali including fixing with approved size of heavy duty hinges, aluminium tower bolts handle,locking set as per design and instruction all complete.	Sqm	7,380.95	6,418.22	3,233.37	
60.0	Wooden door/window shutter with mosquito proof wire mesh jali including fixing with approved size of heavy duty hinges, aluminium tower bolts handle,locking set as per design and instruction all complete.	Sqm	734.41	638.62	552.82	
61.0	Supplying and fitting Ready made Teak wood Doors, Ordinary (Seasoned and Poisoned treated ,one side teak and other side water proof ply fitting) with all neccessary hardware all complete.	Sqm	6,876.36	5,979.44	3,677.15	
62.0	Supplying and fitting readymade teak wood doors, Special (seasoned and poisoned treated, both side teak ply fitting) with all necessary hardware all complete	Sqm	7,699.23	6,694.98	4,392.69	
63.0	Supplying and fitting readymade teak wood doors, Special (seasoned and poisoned treated, one side teak and other side water proof ply fitting) with all necessary hardware all complete	Sqm	7,792.04	6,775.69	4,473.39	
	ALUMINIUM WORKS					
64.0	Supplying and fitting Aluminium panel sliding window with Ventilation but without fly mesh shutter from section (87 x 56 x 1.2)mm fitted with 5mm glass.	Sqm	7,486.27	6,509.80	6,509.80	
65.0	Supplying and fitting sliding panel window with Ventilation and fly mesh shutter from section (101 X 45 X 1.5)mm and 5mm glass.	Sqm	-	-	-	
66.0	Supplying and fitting Aluminium sliding panel window without Ventilation and fly mesh shutter from section (101 X 45 X 1.5)mm and 5mm glass.	Sqm	-	-	-	
67.0	Supplying and fitting Aluminium casement door section of (102 x45 x1.5)mm fitted with 5mm glass or 9mm both side laminated board.	Sqm	9,367.11	8,145.31	8,145.32	
68.0	Supplying and fitting Aluminium sliding door section of (101 x45 x1.5)mm with sash 40x45x1.5mm & 5mm glass.	Sqm	-	-	-	
69.0	Supplying and fitting Aluminium swing door section of (102 x45 x1.5)mm fitted with 5mm glass or 9mm both side laminated board.	Sqm	11,928.53	10,372.63	10,372.64	

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
70.0	Supplying and fitting full height Aluminium partition with 5mm thick glass or 9mm thick laminated board of section (102 x45x1.5) all complete.	Sqm	7,523.39	6,542.08	6,542.08	
	PLASTER WORKS					
71.0	Providing, laying & curing 12.5 mm thick cement sand (1:3) plastering in ceiling, beams surfaces including chipping & wetting the concrete surfaces finished in perfect plumb, lines and level as per drawings, specifications and instructions of the site engineer.	Sqm	601.32	522.89	123.39	
72.0	Providing, laying & curing 12.5 mm cement sand (1:4) Plastering on inner walls to perfect plumb, lines & level including raking the mortar joints and wetting the masonry surface all complete as per design drawings, specifications and instruction of the site engineer all complete:	Sqm	503.64	437.95	118.35	
73.0	Providing, laying & curing 12.5 mm cement sand (1:6) Plastering on inner walls to perfect plumb, lines & level including raking the mortar joints and wetting the masonry surface all complete as per design drawings, specifications and instruction of the site engineer all complete:	Sqm	484.97	421.71	102.12	
74.0	20mm thick Cement sand plaster (1:4)work on building wall & floor surfaces of good finish including racking the joints, wetting the surface and curing the work all complete as per specification	Sqm	637.62	554.45	178.25	
75.0	20mm thick Cement sand plaster (1:6)work on building wall & floor surfaces of good finish including racking the joints, wetting the surface and curing the work all complete as per specification	Sqm	608.14	528.82	152.62	
76.0	Providing and applying 20mm cement sand strip(double line pani patti) over plaster on each floor over slab edges surrounding all the perimeter of the building to prevent flow of rain water from slab edges all complete	Rm	168.36	146.40	103.15	
77.0	Providing and cement pointing work in perfect line, level and groove depth with 1:2 cement sand mortar for joints of stone masonry works above ground level in compound/retaining wall including raking the joints, scaffolding, curing the works all complete as per specifications and instruction of the site engineer.	Sqm	396.22	344.54	71.55	
	CLADDING WORKS					
78.0	Telia Brick:Telia brick over outer brick masonry walls with 20mm thick 1:1 c/s mortar including wetting the brick surfaces finished in perfect plumb, lines and level cleaning the surface and joints, as per specifications and instructions of the site engineer.	Sqm	3,365.53	2,926.55	1,878.06	
	FLOORING WORKS					
79.0	Supplying and laying of 500 gauge polythine sheet on floor above earth filling	Sqm	202.51	176.10	36.30	
80.0	IPS Flooring: 38mm thick screeding 1:2:4 for flooring with approved quality of cement & sand and crushed stone aggregate all complete.	Sqm	828.89	720.77	354.53	
81.0	IPS Flooring: 50mm thick screeding 1:2:4 for flooring with approved quality of cement & sand and crushed stone aggregate all complete.	Sqm	1,005.37	874.23	457.99	

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
82.0	IPS Flooring: 75mm thick screeding 1:2:4 for flooring with approved quality of cement & sand and crushed stone aggregate all complete.	Sqm	1,327.57	1,154.41	688.16	
83.0	3mm.th. C.S. punning(1:1) on floor, dado and skirting etc. as per specification and direction complete work.	Sqm	346.26	301.10	68.10	
84.0	25mm Mosaic sunk flooring plastered with cement mortar 1 : 2 (1 cement : 2 coarse sand) round the same and providing top 6 mm layer of marble chips mixed with cement and pigment finished to required curve and polishing etc complete.	Sqm	5,292.95	4,602.57	537.07	
85.0	Providing,Laying and fixing procelin tile (glazed & Non-Glazed) 1:4 cement sand mortar joints all complete work as per specification and instruction of site engineer. (Floor & wall Kazzaria, somany or equivalent).	Sqm	3,883.97	3,377.37	1,198.37	
86.0	Providing,Laying and fixing tile (size 300*450mm) (glazed & Non-Glazed) 1:4 cement sand mortar joints all complete work as per specification and instruction of site engineer. (Floor & wall Kazzaria, somany or equivalent).	Sqm	3,883.97	3,377.37	1,198.37	
87.0	Providing and laying 13mm thick marble flooring & skirting over passage/lobby/staircase & other places in 20mm thick white cement in (1:2) in perfect line and level including moulding and polishing with perfect finish according to drawing and specification and instruction of site engineer as all complete.	Sqm	5,515.30	4,795.91	2,379.92	
88.0	Providing and laying 16mm thick marble flooring & skirting over passage/lobby/staircase & other places in 20mm thick white cement in (1:2) in perfect line and level including moulding and polishing with perfect finish according to drawing and specification and instruction of site engineer as all complete.	Sqm	6,369.53	5,538.72	2,476.73	
89.0	Marbel polishing using approprite machine all complete.	Sqm	1,667.50	1,450.00		
90.0	Granite Work : Providing and Laying of 20 mm thick Granite slab over kitchen slab of required dimensions, shde, color and texture laid over febicol base including grubbing, curing, molding, polishing to edge to give high gloss finish at all level ,etc.,all complete as per drawing, specification and instruction of the Engineer.	Sqm	8,060.63	7,009.24	4,593.25	
91.0	Supplying and Laying 12mm thick 100mm height wooden parquet skirting work.	Sqm	3,822.37	3,323.80	2,394.30	
92.0	Supplying and Laying 50mm thick heavy duty interlocking concrete block	Sqm	2,107.93	1,832.98	699.99	
93.0	Supplying and Laying 60mm thick heavy duty interlocking concrete block	Sqm	2,135.98	1,857.37	724.38	
94.0	Supplying and Laying 70mm thick heavy duty interlocking concrete block	Sqm		-	830.90	
	Stone Paving Works					
95.0	12.5 mm thick flag stone paving work in (1:4) C/S mortar including curing etc all complete.	Sqm	1,928.83	1,677.24	961.25	
96.0	25 mm thick flag stone paving work in (1:4) C/S mortar including curing etc all complete.	Sqm	2,160.23	1,878.46	1,162.46	
97.0	37.5 mm thick flag stone paving work in (1:4) C/S mortar including curing etc all complete.	Sqm	2,337.18	2,032.33	1,316.33	
98.0	50 mm thick flag stone paving work in (1:4) C/S mortar including curing etc all complete.	Sqm	2,588.93	2,251.24	1,535.25	

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
99.0	(62.5-75) mm thick flag stone paving work in (1:4) C/S mortar including curing etc all complete.	Sqm	3,133.39	2,724.69	2,008.69	
100.0	25 mm thick Telia Tile paving work in (1:2) surkhi lime mortar including curing etc all complete.	Sqm	3,365.53	2,926.55	1,878.06	
	METAL WORKS					
101.0	M.S. black pipe truss with IS or BS section including jointing, fixing, erection & colouring with all necessary MS bed plate & shoe angles anchore bolts leas sheeting or cement grouting as per drawing & instuction all compete.	Kg	216.52	188.28	98.81	
102.0	MS Grill for windows: Supplying and fixing 12 x12 mm solid square pipe in 4.5 x 20 mm mild steel plate frame including red oxide and aluminium paint as per instructions of site engineer all complete	Sqm	2,654.19	2,307.99	2,485.56	
103.0	Providing, fabricating & fixing metal spiral stair using 25x25x5 mm angle, 20x4.5mm grill plate, 32mm dia. MS Black pipe (Medium) hand rail and 20x20x2mm Square pipe with 750mm wide steps and 100mm dia main post as per design, specification & instructions of Site Engineer all complete.	Rm	12,677.60	11,197.91	11,197.92	
104.0	Fencing with barbed wire of 2.50 m concrete posts placed every 2.0 m apart, embedded in the ground all complete.	Rm	101.23	88.03	19.92	
105.0	Fencing with 50mm dia MS post@2 m distance with 20 x 20 x 4 mm and 25 x 25 x 4 mm MS angles, 10 SWGGGI wire mesh of mesh size 50 x 50 mm and 3x 20 mm MS flat 15 cm heigh grill at top	Sqm	3,897.82	3,389.41	1,702.97	
106.0	Providing, fabricating & fixing iron rolling shutter and other necessary hinges, tower bolt, aldrops and plates with one coat of metal primer & enamel paint as per design drawing, specifications and instructions of site engineer all complete	Sqm	5,135.21	4,465.40	4,465.40	
107.0	Providing, fabricating & fixing collable iron gate and other necessary hinges, tower bolt, aldrops and plates with one coat of metal primer & enamel paint as per design drawing, specifications and instructions of site engineer all complete	Sqm	7,350.15	6,391.43	6,391.44	
108.0	Providing, fabricating & fixing iron gate using 50mm dia. medium black pipe frame with 25mm dia. Medium black pipe sub gate frame, 25x25x 2mm thick square pipe, 16 gauge MS sheet, 20x4.5 mm grill plate on top of gate and other necessary hinges, tower bolt, aldrops and plates with one coat of metal primer & enamel paint as per design drawing, specifications and instructions of site engineer all complete	Sqm	9,552.72	8,306.71	8,306.72	
	PAINT WORKS					
109.0	Supplying and aplying of two coat of wall putty of approved quality and colour over porperly cleaned surface and all complete. As per specification and instruction of site engineer	Sqm	313.22	272.37	272.37	
110.0	Providing & painting two coats of Readymade plastic emulsion paint with one coat of cement primer of approved brand and colour over plastered surfaces of building, walls ceiling and passage area as per specifications and instruction of the site engineer.	Sqm	402.46	349.97	110.37	

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
111.0	Supplying and applying Two coat weather proof painting with one coat of cement primer of approved colour in outer side of building as per specifications and instruction of the site engineer.	Sqm	315.12	274.02	104.32	
112.0	Three coats Chappra paint with one coat primer for MDW	Sqm	251.94	219.08	36.08	
113.0	Supplying & painting work of Two coats Enamel paint after one coat primer for windows grill	Sqm	411.50	357.83	118.23	
114.0	Supplying and applying Two coat aluminium paint with one coat primer of approved colour in outer side of building as per specifications and instruction of the site engineer.	Sqm	394.47	343.02	92.54	
115.0	Supplying and applying Two coat varnesh paint of approved colour in outer side of building as per specifications and instruction of the site engineer.	Sqm	195.32	169.84	50.05	
116.0	Supplying and applying Two coat bitumin paint of approved colour in outer side of building as per specifications and instruction of the site engineer.	Sqm	129.68	112.77	59.52	
117.0	Supplying and applying Two coat tata red oxide paint of approved colour in outer side of building as per specifications and instruction of the site engineer.	Sqm	244.37	212.50	130.95	
118.0	Supplying and applying Duracel paint over clading tile face of approved colour in outer side wall of building as per specifications and instruction of the site engineer.	Sqm				
	WATER PROOF WORKS					
119.0	Supplying and applying of two coat plastic felt waterproofing coating including cleaning the surface.	Sqm	1,765.24	1,534.99	769.09	
120.0	Supplying and applying of two coat elastocrete cementitious elastomeric waterproofing coating including cleaning the surface.	Sqm	643.44	559.51	559.52	
121.0	Supplying and applying of two coat waterproofing treatment by Crystallization process including cleaning the surface.	Sqm	668.19	581.03	581.04	
121.0	Supplying and laying of 500 gauge polythine sheet on floor above earth filling	Sqm	202.51	176.10	36.30	
	PRESSURE GROUTING					
122.0	Providing material & applying pressure grouting on RCC Roof slab	Sqm	593.95	516.48	516.48	
123.0	Providing material & applying pressure grouting on Basement slab	Sqm	593.95	516.48	516.48	
124.0	Providing material & applying pressure grouting and sealing RCC slab crack.	Sqm	593.95	516.48	516.48	
125.0	Providing material & applying pressure grouting on RCC column.	Sqm	373.75	325.00	325.00	
126.0	Expansion Joint Works: - Chipping and laying thermacol in the hole, masking tape on the thermacol and plaster with mixing Perma Bond SBR or eqv. Modified mortar upto 40mm wide and levelling all complete.	Sqm	11,097.50	9,650.00	9,650.00	
	RAILING WORKS					
127.0	Stainless Steel Work: Railing Works: Supplying and fixing of Stainless steel pipe railing 50mm on top and vertical supports of 50mm dia stainless steel at center to center spacing of 1 m on side with 25mm stainless steel on 2 layers below with height of 0.9m all complete	Rm	4,752.72	4,132.80	4,132.80	

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
128.0	Supplying and fixing of Stainless steel pipe railing 50 mm on top and vertical supports of 50 mm dia stainless steel at center to center spacing of 2 m on side with 25mm stainless steel on 2 layers below with height of 0.9m all complete	Rm	4,156.74	3,614.56	3,614.56	
	UPVC WORKS					
129.0	Supplying and fitting UPVC Casement Window 60*60 mm, sash 60x76 White Colour all complete as per specification and instruction of site engineer	Sqm	9,047.05	7,867.00	7,867.00	
130.0	Supplying and fitting UPVC Single Door (frame 60X60mm, sash 60X 104mm) all complete as per specification and instruction of site engineer	Sqm	9,917.60	8,624.00	8,624.00	
131.0	Supplying and fitting UPVC Single Door with full pannel (frame 60*60mm sash 60X100mm all complete as per specification and instruction of site engineer	Sqm	10,055.60	8,744.00	8,744.00	
132.0	Supplying and fitting UPVC 110X64X9mm thick board and 5mm thick glass panel white colour all complete as per specification and instruction of site engineer	Sqm	12,382.05	10,767.00	10,767.00	
133.0	Supplying and fitting UPVC 60*60mm white colour Swing Door With 5mm Glass Panel all complete as per specification and instruction of site engineer	Sqm	8,122.45	7,063.00	7,063.00	
134.0	Supplying and fitting UPVC sliding window with net (frame 50 X 80mm sash 58 X 36mm, white colour with 5mm glass all complete as per specification and instruction of site engineer	Sqm	8,711.25	7,575.00	7,575.00	
135.0	Supplying and fitting UPVC sliding window without net (frame 60 X 60mm sash 66 X 42mm, white colour with 5mm glass all complete as per specification and instruction of site engineer	Sqm	8,046.55	6,997.00	6,997.00	
136.0	Supplying and fitting UPVC sliding Door with net (frame 52 X 88mm sash 88X 42mm, white colour with 5mm glass all complete as per specification and instruction of site engineer	Sqm	10,727.20	9,328.00	9,328.00	
137.0	Supplying and fitting UPVC sliding Door without net (frame 60 X 60mm sash 88 X 42mm, white colour with 5mm glass all complete as per specification and instruction of site engineer	Sqm	10,391.40	9,036.00	9,036.00	
138.0	Supplying and fitting UPVC Double Door (frame 60 X 60mm sash 60 X 104 mm, white colour with 5mm glass all complete as per specification and instruction of site engineer	Sqm	10,727.20	9,328.00	9,328.00	
	ROOFING WORKS					
139.0	Supplying and Fitting 0.5mm thick CGI Sheet including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	1,240.26	1,078.49	807.19	
140.0	Supplying and Fitting 0.45mm thick CGI Sheet including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	1,160.02	1,008.71	737.42	
141.0	Supplying and Fitting 0.5mm thick plain GI sheet ridge Cover 600mm width including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	2,624.96	2,282.57	1,339.25	

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
142.0	Supplying and Fitting 0.45mm thick plain GI sheet 600mm width for ridge cover including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	2,486.34	2,162.03	1,218.71	
143.0	Supplying and Fitting 0.5mm thick corrugated coloured GI sheet including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	1,371.11	1,192.27	920.98	
144.0	Supplying and Fitting 0.45mm thick corrugated coloured GI sheet including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	1,286.67	1,120.58	849.29	
145.0	Supplying and Fitting 0.5mm thick coloured GI sheet for ridge cover including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	2,834.31	2,464.62	1,521.29	

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
146.0	Supplying and Fitting 0.45mm thick coloured GI sheet for ridge cover including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	2,671.17	2,322.76	1,379.43	
147.0	Supplying and Fitting 0.5mm thick plain sheet 150mm width making gutter including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	2,058.83	1,790.29	1,069.04	
148.0	Supplying and Fitting 0.5mm thick coloured sheet 150mm width making gutter including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	2,155.39	1,874.25	1,153.01	
149.0	Supplying and Fitting slate tile roof including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	-	-	-	
150.0	Supplying and Fitting clay tile roof including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	672.17	584.50	368.00	
151.0	Supplying and Fitting 1.2mm thick corrugated fiber glass sheet for roof including fixing in proper shape & size with all necessary rails screws bolts & nuts Washer J & L hooks etc as per drawing & instruction all complete.	Sqm	2,400.04	2,086.99	1,815.69	
	FALSE CEILING/PARTITION WORKS					
152.0	Supplying,making and fixing of false ceiling with everest fibre designer board in E-grid all complete as per specification and instruction of site engineer	Sqm	1,065.24	926.30	926.30	
153.0	Supplying,making and fixing of 6mm thick water proof cement board for false ceiling all complete as per specification and instruction of site engineer	Sqm	398.12	346.19	346.19	
154.0	Supplying,making and fixing of 70mm thick exterior with full height of partition with fibre cement board all complete as per specification and instruction of site engineer	Sqm	3,195.72	2,778.89	2,778.89	
155.0	Supplying,making and fixing of 91mm thick exterior with full height of partition with fibre cement board all complete as per specification and instruction of site engineer	Sqm	3,561.56	3,097.01	3,097.01	
	DISMENTALING WORKS					
156.0	Dismantaling of existing mud mortar wall and other structure at site, proper stacking of reusable material like wood and metals and disposal of non-usable debris at hauling of up to 10m from the site etc all complete.	Cum	1,219.00	1,060.00		
157.0	Dismantaling of c/m or lime, surkhi motar wall of existing Building and other structure at site, proper stacking of reusable material like wood and metals and disposal of non-usable debris at hauling of up to 10m from the site etc all complete.	Cum	2,438.00	2,120.00		
158.0	Dismantaling & removing RCC or RBC of existing Building and other structure at site, proper stacking of reusable material like wood and metals and disposal of non-usable debris at hauling of up to 10m from the site etc all complete.	Cum	12,650.00	11,000.00		

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S.N	Item Description	Units	Contractor Rate	User Rate	Material rate	Remarks
159.0	Dismantaling & removing plain sheet roof of existing Building and other structure at site, proper stacking of reusable material like wood and metals and disposal of non-usable debris at hauling of up to 10m from the site etc all complete.	Sqm	87.29	75.90		
160.0	Dismantaling & removing roof tiles of existing Building and other structure at site, proper stacking of reusable material like wood and metals and disposal of non-usable debris at hauling of up to 10m from the site etc all complete.	Sqm	175.74	152.82		

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Office of Municipal Executive

Tokha Municipality

Maijuhiti, Kathmandu

FY 2083/84
ROAD RATE ANALYSIS

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Tokha Municipality
Maijuhiti, Kathmandu

SUMMARY OF ITEM RATE F.Y. : 2083/84

S.No	Norms No.	Specification Clause No.	Description	Unit	Rate Including Overhead		Users Committee Rate(Rate Excluding Overhead)	VATable Rate
	Activity : Section 100 :General							
1			Insurance for loss of or damage to works, plant, material, equipment, property and personnel injury or death and third party as per contract data including mobilization, demobilization expenses for manpower, equipment and performance bond commision (Clause 19 of CoC)	L.S.				
2			Reconstruction and Relocation of damaged public utility services(Electricity,watersupply,telecom,etc) , supply of miscellaneous items(Survey and lab equipments etc.) required, engineers facilities, traffic management and traffic safety etc. during construction all complete as directed by Engineer	P.S				
3			Provision of safety clothing and equipment, First Aid/Medical facilities and other safety measures	Month				
4	1.3 & 29.1 A	109 & 2902	Carry out maintenance of the existing road to keep the road serviceable through out the contract period as per specification and instruction of the Engineer					
4a	1.3 & 29.1 A	109 & 2902	a) Maintenance of road during construction phase	Km-Month	11031.90			
4b			b)Routine maintenance work by existing length worker and supervisors (same and wages will be provided by employer)	Month				
5			Provision of Photographs (incl. prints)	No.				
6			Providing and Installation of overhead informative signboards	L.S				
7	1.3	110	Providing and installation of project signboards with size of 1.8 x 1.2 m as per specification and instruction of engineer	No.	18752.36			
	Activity : Section 200 : SITE CLEARANCE							
8	2.1 . I . (I) A	201	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable Material to be used or auctioned, up to a lead/transportation at safe tipping site including removal and disposal of top organic soil not exceeding 150 mm in thickness. (ss 201)	m2	5.61		4.88	4.28
9	2.1 . II . (I) A	201	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal ofunserviceable materials and stacking of serviceable Material to be used or auctioned, up to a lead/transportation at safe tipping site including removal and disposal of top organic soil not exceeding 150 mm in thickness. (SS 201)	m2	7.14		6.21	5.41
10	2.30	201	Clearing Grass and Removal of Rubbish and Dressing and leveling the construction surface Clearing grass/ top soil and remove lead/transportation at safe tipping site outside the periphery of the area , including cutting and filling of small undulation. (201)	m2	11.50		10.00	
11	2.4 (I) II (A)	202	Dismantling of Cement Concrete Grade M-15 & M-20 existing structures like culverts, bridges,retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead at safe tipping site. (202)	m3	2475.56		2152.66	1419.67
12	2.4 (I) II (B)	202	Dismantling of Prestressed / reinforced cement concrete grade M-20 & above existing structures like culverts, bridges,retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead at safe tipping site. (202)	m3	3088.51		2685.66	1419.67
13	2.4 (II) (B)	202	Dismantling of Brick / Tile work (In cement Mortar) existing structures like culverts, bridges,retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead of 1000 meters.	m3	1954.46		1699.53	566.53
14	2.4 (III) (B)	202	Dismantling of rubble Stone Masonry in cement mortar existing structures like culverts, bridges,retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead at safe tipping site. (202)	m3	1954.46		1699.53	566.53
15	2.4 (III) (F)	202	Dismantling of boulders laid in wire crates including opening of crates and stacking dismantled Material existing structures like culverts, bridges,retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead at safe tipping site. (202)	m3	1264.73		1099.77	566.53
16	2.5 I (A)	202	Dismantling of Bituminous course (By Manual means) flexible pavements and disposal of dismantled Material up to a lead of 1000 metres, stacking serviceable and unserviceable Material separately	m3	2529.46		2199.53	566.53
17	2.5 I (B)	202	Dismantling of Granular courses (By Manual means) flexible pavements and disposal of dismantled Material up to a lead of 1000 metres, stacking serviceable and unserviceable Material separately	m3	2184.46		1899.53	566.53
18	2.5 II (A)	202	Dismantling of Bituminous course (By Mechnical means) flexible pavements and disposal of dismantled Material up to a lead/including transportation at safe tipping site, stacking serviceable and unserviceable Material separately. (SS 202)	m3	1245.48		1083.03	566.53

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19	2.5 I (B)	202	Excavation of metalled road and removal of all materials in Water bound macadam materials including toling /base/ sub-base and screening, sorting out reusable materials and disposing unusable materials lead/including transportation at safe tipping site all complete as directed by engineer and all complete as per specification. [SS 202]*	m3	82.20	Excavation in roadway by mechanical means given	71.48	59.45
20	2.14	202	Removal of telephone / Electric poles and lines including excavation and dismantling of foundation concrete and electic cables under the supervision of concerned department, disposal with all lead/including transportation at safe tipping site, and stacking the serviceable and unserviceable Material Separately. (202)	No.	1096.92		953.84	566.53
21	2.2	201	Felling/Cutting of trees (the girth measured at a height of 1m above the ground level) including cutting of trunks and branches, removal of stumps, roots, stacking of serviceable materials with all lifts and lead at approved offical locations as directed by engineer etc. all complete. [SS 201]*					
		I	(i) Girth from 300 mm to 600 mm	No.	1175.50		1022.17	566.53
		II	(ii) Girth from 600 mm to 900 mm	No.	3526.51		3066.53	566.53
		III	(iii) Girth from 900 mm to 1800 mm	No.	9353.02		8133.06	566.53
		IV	(iv) Girth from 1800 - 2500 mm	No.	21657.55		18832.65	566.53
		V	(iv) Girth above 2500 mm	No.	70530.23		61330.63	11330.64
	Activity : Section 700 : PIPE DRAINS, PIPE CULVERTS AND CONCRETE							
22	7.1 (A)	701	Providing, jointing and laying PE-100,PN6 HDPE pipes with or without collar etc. complete in place as per Drawing andTechnical Specifications (200 mm outer dia. NS-40)	Rm.	2169.62		1886.63	1746.83
23	7.1 (A)	701	Providing, jointing and laying PE-100,PN6 HDPE HDPE pipes with or without collar etc. complete in place as per Drawing andTechnical Specifications (110 mm outer dia. NS-40)	Rm.	872.87		759.02	619.22
24	7.1 (A)	701	Providing, jointing and laying PE-100,PN6 HDPE HDPE pipes with or without collar etc. complete in place as per Drawing andTechnical Specifications (50 mm dia. HDPE pipe NS-40)	Rm.	428.61		372.70	232.91
25	7.1 (A)	701	Providing, jointing and laying PE-100,PN10 HDPE HDPE pipes with or without collar etc. complete in place as per Drawing andTechnical Specifications (32 mm dia. HDPE pipe NS-40)	Rm.	387.24		336.73	196.94
26	7.1 (A)	701	Providing, jointing and laying PE-100,PN12 HDPE HDPE pipes with or without collar etc. complete in place as per Drawing andTechnical Specifications (25 mm internal dia. HDPE pipe NS-40)	Rm.	367.10		319.22	179.42
27	7.2 A	701	Providing and Laying Reinforced cement concrete 300 mm internal dia. NP3 Flush jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specifications	Rm.	4306.41		3744.70	3238.31
28	7.2 B	701	Providing and Laying Reinforced cement concrete 450 mm internal dia. NP3 Flush jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specifications	Rm.	5980.06		5200.05	4613.66
29	7.2 C	701	Providing and Laying Reinforced cement concrete 600 mm internal dia. NP3 Flush jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specifications	Rm.	8044.71		6995.40	6329.01
30	7.2 D	701	Providing and Laying Reinforced cement concrete 900 mm internal dia. NP3 Flush jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specifications	Rm.	15025.28		13065.46	12319.07
31	7.2 F	701	Providing and Laying Reinforced cement concrete 1200 mm internal dia. NP3 Flush jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specifications	Rm.	20125.13		17500.11	16327.32
	Activity : Section 900 : EARTH WORKS							
32	9.1 I (A)	905	Road way Excavation in all types of soil as per Drawing and technical specifications including removal of stumps and other deleterious matter, disposal of excavated material at approved environmentally safe tipping sites, etc. all complete as per specification[SS 905]*	m3	894.12	by Manual Means	777.50	
33	9.1 I (B)	905	Roadway excavation in all type of soil including disposal of excavated material at approved environmentally safe tipping sites, etc. all complete as per specification[SS 905]*	m3	82.20	by Mechanical	71.48	59.45
34	9.1 II (B)	905	Roadway Excavation in ordinary rock as per Drawing and Technical specification, including all lift and lead as per Drawing and instruction of the engineer	m3	246.60	by Mechanical	214.43	178.35
35	9.1 IV	905	Roadway Excavation in hard rock with rock breakers, including breaking rock, lifts and lead for disposal as per Drawing and Technical Specifications	m3	770.32	by Mechanical	669.84	
36	9.2	905	Removal of unserviceable soil including excavation,loading and disposal up to a lead/transportation at safe tipping site etc. all complete (905)	m3	167.68		145.81	131.01
37	9.4 (B) I	907	Earth work in excavation of foundation of structures, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications, etc. all complete as per specification[SS 907]*	m3	123.30	by Mechanical Means.	107.22	89.18
38	9.4 (A) I	907	Earth work in excavation of foundation of structures, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications, etc. all complete as per specification[SS 907]*	m3	1072.95	by Manual Means. (Ordinary soil)	933.00	

39	9.7	909 & 910	Preparation and surface treatment of Formation by removing mud and slurry, watering to the extent needed to maintain desired moisture content ,compacting all complete as per Drawing and Technical Specifications	m2	9.25		8.04	3.37
40	9.8	909 & 910	Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting in layers not exceeding 150 mm compacted depth to meet requirement as per Drawing and Technical Specifications. (SS 909 & 910)	m3	553.94	With borrowed soil material	481.69	463.93
41	9.9 (B)	909 & 910	Construction of embankment with approved material with all lifts and leads, transporting to site, spreading, grading to required slope and compacting in layers not exceeding 150 mm compacted depth to meet requirement as per Drawing and Technical Specifications. (SS 909 & 910)	m3	344.91	With Roadway cutting material	299.92	252.16
42	9.11 A	908	Providing suitable material and Back filling with granular material, behind abutment ,wall, wing, wall and return wall complete as per Drawing and Technical Specifications (908 & 910)	m3	1480.17		1287.10	760.51
43	9.11 C	908	Providing suitable material and Back filling behind abutment with Local available material including compaction, wing wall and return wall complete as per Drawing and Technical Specifications. (SS 908 & 910)	m3	852.02		740.89	214.29
44			Transportation of material by truck, including loading,unloading and stacking in stockpiles/safe disposal at safe tipping site all complete as per specification and instruction of engineer	m3	468.33		407.24	225.41
	Activity : Section 1000 : SUBGRADE							
45	10.2 A	1003	Scarifying the existing road surface upto a depth of 50 mm and disposal of scarified Material with in all lifts and lead as per Drawing and Technical Specifications	m2	24.90		21.65	9.44
46	10.2 A	1003	Scarifying the existing road surface upto a depth of 50 mm and disposal of scarified Material with in all lifts and lead as per Drawing and Technical Specifications	m3	498.15		433.17	9.44
47	10.2 B	1003	Scarifying the existing bituminous road surface to a depth upof 50 mm and disposal of scarified Material with in all lifts and lead as per Drawing and Technical Specifications	m2	14.29		12.43	9.99
48	10.2 B	1003	Scarifying the existing bituminous road surface to a depth upof 50 mm and disposal of scarified Material with in all lifts and lead as per Drawing and Technical Specifications	m3	285.87		248.58	9.99
49	10.30	1004	Construction of subgrade by Providing and laying sub-grade and earthen shoulders with approved Material obtained from borrow pits with all lifts & leads as per Drawing and Technical Specifications. (Capping layer with granular material)	m3	952.34		828.12	815.91
50	10.30	1003 & 1005	Subgrade construction with loose untreated materials, preparation and formation of subgrade in fill areas all complete as per specification [SS 1001]*	m3	952.34		828.12	815.91
51	10.4 Case-I	1003 & 1005	Compacting original ground supporting sub-grade Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers as per Drawing and Technical Specifications	m3	128.03		111.33	100.78
52	10.4 Case-II	1003 & 1005	Loosening, leveling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing and Technical Specifications	m3	89.99		78.25	69.37
53	10.80	1006	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications	m3	8352.93		7298.20	3302.21
	Activity : Section 1200 : SUB BASE , BASE							
54	12.1 A	1201	Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Table 12.1 grading VI, Technical Specifications	m3	3317.72		2884.97	2844.98
55	12.1 A	1201	Providing and laying Crusher Run sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Table 12.1 grading VI, Technical Specifications	m3	4124.53	Kathmandu	3586.55	3537.69
56	12.1 A	1201	Providing, laying, spreading, watering, levelling and compaction of scarified base and subbase material to construct subbase grading as per table 12.1 of standard specification all completed as directed by engineer [SS 1201]	m3	281.55		244.83	195.97
	12.30	1202	Providing, laying and spreading Cement Treated Crushed Rock having grading requirement as per specification for Base Material on a prepared surface, adding the designed quantity of cement to the spread Material, grading and compacting at OMC to achieve the desired unconfined compressive strength and to form a layer of base as per Drawing and Technical Specifications	m3	5954.70		5178.00	5114.70
57	12.7	1204	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing , watering and compacting to form a layer of Base course as per 53 mm nominal size grading and TechnicalSpecifications.	m3	5254.78	Kathmandu	4569.36	4519.39
	12.7	1204	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing , watering and compacting to form a layer of Base course as per 37.50 mm nominal size grading and TechnicalSpecifications.	m3	5264.78		4578.07	4528.10
58	12.7	1204	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing , watering and compacting to form a layer of Sub-Base course 63 mm down size grading and TechnicalSpecifications.	m3	4150.59	Kathmandu	3609.21	3559.24

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59	12.14 (A)	1208	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC laying in uniform layers in sub- base / base course on well prepared surface and compacting to achieve required density as per Drawing and Technical Specifications.Base course with B1 material	m3	5404.24		4699.34	2898.23
	Activity : Section 1300 : BITUMINOUS SURFACE							
60	13.1 (A)	1302	Providing and applying prime coat with MC 30/70 of Hot Bitumen (including cutter) on prepared surface of granular base including cleaning of road surface and spraying as per Technical Specification	litre	215.95		187.78	Use 1litre per Sq.m
61	13.2 A	1302	Providing and applying tack coat with hot Bitumen at specified rate on the prepared non-bituminous surfaces including cleaning as per Technical Specication	litre	204.65		177.96	Use 0.6 litre per Sq.m
62	13.50	1308	Providing and laying dense bituminous macadam using crushed aggregates of specified grading, premixed with bituminous binder and filler as per Drawing and Technical Specifications	m3	26872.74		23367.60	
		1311	20 mm thick Open-Graded Premix Carpet using Bituminous (Paving bitumen / Modified bitumen) Binder Providing and laying open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates as wearing course on a previously prepared base including sand seal as per drawing and Technical Specifications	m3	24942.87		21689.46	
63	13.60	1309	Providing and laying Bituminous concrete/ Asphalt concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler as per Drawing and Technical Specifications	m3	33506.56		29135.27	
			Providing and laying penetration macadam over prepared Base by providing a lyer of compacted crushed coarse aggregate with application of bituminous binder and key aggregate, 50mm thick(commonly semi - grouting) as per Drawing and Technical Specifications	Sqm	895.18			
		1310	Providing and laying slurry seal consisting of a mixture of fine aggregates, Portland cement filler, bituminous emulsion and water on a road surface including cleaning of surface, mixing of slurry seal in a suitable mobile plant, laying and compacting to provide even riding surface as per Drawing and Technical Specifications (Even thickness)	Sqm	155.46			
	Activity : Section 1400 : KERBS AND FOOTPATHS							
64	14.10	1401	Providing and laying of M20 precast cement concrete Kerb 38 cm * 20 cm * 25 cm (H*B*L) with 12 mm thick 1:3 cement sand mortar bedding and joints including foundation excavation levelling but excluding foundation concrete for foundation or sand gravel material, all complete as per Drawing and Technical Specifications	R.m.	1500.65		1304.91	1254.94
65	14.10	1401	Providing and laying of M25 precast cement concrete Kerb 38 cm * 20 cm * 25 cm (H*B*L) with 12 mm thick 1:3 cement sand mortar bedding and joints including foundation excavation levelling but excluding foundation concrete for foundation or sand gravel material, all complete as per Drawing and Technical Specifications	R.m.	1643.98		1429.55	1058.25
66	14.10	1401	Providing and laying of M20 precast cement concrete median Kerb (45 cm*20 cm Avg)with 12 mm thick 1:3 cement sand mortar bedding and joints including foundation excavation levelling but excluding foundation concrete for foundation or sand gravel material, all complete as per Drawing and Technical Specifications	R.m.	1274.45		1108.22	1058.25
67	14.10	1401	Providing and laying of M25 precast cement concrete Kerb 35 cm * 20 cm * 30 cm (H*B*L) with 12 mm thick 1:3 cement sand mortar bedding and joints including foundation excavation levelling but excluding foundation concrete for foundation or sand gravel material, all complete as per Drawing and Technical Specifications	R.m.	1643.98		1429.55	1379.58
68	14.20	1401	Tactile block for footpath; Providing and laying Tactile Matrix Slab (Single Color) with Compressive Strength M35 or Above. 40mm thickness dimension: 400mmx400mmx40mm all complete as per specification	m2	2182.50		1897.83	1596.06
69	14.20	1401	Providing and Laying of 60mm thick cement concrete M20 interlocking block (Grey colour) for footpath over 50 mm thick stone dust, all complete(1401)	m2	1728.06		1502.66	903.16
70	14.20	1401	Providing and Laying of 60mm thick cement concrete M35 Hexagonal interlocking block (Grey colour) for footpath over 50 mm thick stone dust, etc all complete(1401)	m2	2778.32		2415.93	1816.44
71	14.20	1401	Providing and Laying of 60mm thick cement concrete M35 Hexagonal interlocking block (Multi colour) for footpath over 50 mm thick stone dust, etc all complete(1401)	m2	3126.20		2718.43	2118.94
72	14.20	1401	Providing and Laying of 60mm thick cement concrete M35 Rectangular interlocking block (Grey colour) for footpath over 50 mm thick stone dust, etc all complete(1401)	m2	3284.08		2856.33	2236.84
73	14.20	1401	Providing and Laying of 60mm thick cement concrete M35 Rectangular interlocking block (Multi colour) for footpath over 50 mm thick stone dust, etc all complete(1401)	m2	4567.03		3971.33	3371.84
74	14.5 B	1403	Providing and laying flat brick over 60 mm thick sand bed in footpath including excavation sand bedding all complete as per specification	m2	997.84		867.69	567.94
	Activity : Section 1500 : TRAFFIC SIGN ROAD MARKINGS							
75	15.1	1501	Providing and fixing 60cm Dia. Circular, 60cm. equilateral triangle and 80cm.x 60cm. rectangular shaped sign (single post) of warning, mandatory and informatory sign board of 2 mm thick MS Sheet with back support angle 50 x 50 x 6 mm flatte fixed on 50 mm heavy grade steel tube firmly fixed to the ground by means of properly designed foundation with M 20 grade cement concrete 300 mm x 300 mm x 300 mm, I as per drawings and Technical Specification/ IRC Publication	no	5255.85		4570.30	
76	15.4	1501	Providing and Painting two coats after filling the surface with synthetic enamel paint after filling the surface with primer in all shades on concrete / plaster surfaces etc all completeas per Drawing and Technical Specifications	m2	1110.17		965.37	
77	15.5	1501	Providing and applying two coats of ready mix paint enamel on steel surface with priming, after through cleaning of surface to give an even shade as per Drawing and Technical Specifications	m2	221.27		192.41	

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78	15.6	1509	Providing and applying two coats of ready mix enamel paint of approved brand on wood surface with priming after thorough cleaning of surface to give an even shade as per Drawing and Technical Specifications.	m2	213.21		185.40	
79	15.9 I	1504	Providing and laying of hot applied thermoplastic (paint) compound On smooth surface (similar to Asphalt concrete and rigid pavement) at least 2 mm thick including reflectorizing glass beads as per DOR Traffic sign manual/ Specifications. The finished surface to be level, uniform and free from streaks and holes.	m2	1060.89		922.51	
80	15.9 I	1504	Providing and laying of hot applied thermoplastic (paint) compound On rough surface (similar to surface dressing) at least 2 mm thick including reflectorizing glass beads as per DOR Traffic sign manual/ Specifications .The finished surface to be level, uniform and free from streaks and holes.	m2	1817.90		1580.78	
81	15.11 (i)	1501	Supplying and placing Standard R.C.C. Kilometer post placed at each kilometer (concrete M15/40) including excavation, back filling, painting and writing etc. all complete as per design, drawing and specification. [SS 1506]*	no	10722.60		9324.00	
82	15.11 (ii)	1501	Supplying and placing Bigger (placed at each 5 km.) R.C.C. kilometer post (concrete M20/20) including excavation, back filling, painting and writing etc. all complete as per design, drawing and specification. [SS 1506]*	no	14735.19		12813.21	
83	15.12	1507	Providing and installation of 150 mm * 150 mm 1. 5 m (M20 grade concrete) long delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 20 cm wide strips, buried or pressed into the ground and conforming to the drawings and Technical Specifications.	no	2017.96		1754.75	
84	15.14 A	1507	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m center to center, 1.8 m high, 1.1 m below ground/road level metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per Drawing and Technical Specifications.	Rm.	5299.57		4608.32	
85	15.16		Providing and fixing Solar powered LED Street Lighting Systems automatically switched on and off including excavation, fixing in position and concreting (M25 - 1.00m*0.50m*0.50m) etc. all complete as per specification and drawing in median and tapered portion of intersection etc all complete as per specification. (Specification :- Twin Arm circular type - 30 Watt X 2, Luminous Efficiency at least 100 Lumen/watt , Operational hour 12, Back up time 12 hrs, Battery bank 12 volt 2 X 75 AH SOLAR TUBULAR OR GEL, Working Temperature & Humidity -5 to +55 degree Celcius to 85% RH, Pole Height 9m (4 inch dia - 4.5m length + 3 inch dia - 2.5m length) Galvanized pole at least 75 kg weight of per pole, Minimum guarentee period 10 years in solar panels and 2 years in battery and electronics). All the specification should be fulfilled and satisfied by the manufacturer and is the responsibility of the contractor - should submit for approval prior to the supply and Installation of solar light.	no.	136918.21		119059.32	
86	15.16		Providing and fixing Street Lighting Systems automatically switched on and off and auto dimming option, including excavation, fixing in position and concreting (including M25/20 concrete,reinforcement as schedule - 1.40m*0.50m*0.50m as per drawing) etc. all complete as per specification and drawing in median,footpath and tapered portion of intersection etc all complete as per specification. (Specification :- 1.8 meter overhang Twin Arm if fixed in the median and on one side if fixed on the footpath, 2 X 100 Watt LED AC Street light with auto on-off switch and auto dimming option system, heavy octagonal conical Pole of Height 10 meter, no. of side-8, Top dia.-90 mm, base dia.-200 mm,wall thickness minimum-3 mm,Base plate of (300*300*20 mm), anchor of base plate with 24 mm. dia bolt of 750 mm length, door length (opening)-300mm, Galvanized pole with all electrical accessories fittings system etc. all complete) All the specification should be fulfilled and satisfied by the manufacturer and is the responsibility of the contractor - should submit for approval prior to the supply and Installation of street light all complete as per specification and as directed by the Engineer.	no.	69272.13		60236.64	
87			Supply and installation of 11/0.4, 50 KVA three phase transformer including dropout fuse set, lighting arrestor,earthing set cable legs, channels, pole clamp, angle bracing, switching system for street light,stay set, stay insulator, nut bolts including all necessary ancillaries as directed by engineer.	no.	502510.92		436966.02	
88			Supply and installation of 11m P.S.c Pole etc, all complete as per standard specification.	no.	37311.75		32445.00	
89			Supply and installation of 4 Sq. mm Copper conductor Armoured power cable for street light, underground (minimum depth 60 cm. below the earth surface) in 6 kg/cm2 HDP 50 mm. dia pipe, including all required accessories, ancillaries etc all complete as directed by engineer.	no.	574.09		499.21	
							0.00	
	Activity : Section 1800 : FALSEWORK,FORMWORK						0.00	
90	18.1 (a)	1804 & 1805	Providing , Preparing and Installing form work including necessary supports and removing after completion for foundation and footings. (Class F1 Finish)	m2	657.54		571.77	172.28
91	18.2 (a) (i)	1804 & 1805	Providing , Preparing and Installing form work including necessary supports and removing after completion for walls (Class F2 Finish), vertical plain surface (upto height 3 m)	m2	868.06		755.70	243.11
92	18.2 (a) (ii)	1804 & 1805	Providing , Preparing and Installing form work including necessary supports and removing after completion for walls. (Class F2 Finish), vertical plain surface. (Height above 3 m to 6 m)	m2	1037.01		901.75	275.95
			Weightage Rate of Farmwork per M2		953.03		828.72	
	Activity : Section 2000 : CONCRETE							
92	20.1	2000	Providing and laying of Plain Cement Concrete M 10 (or1:3:6 for nominal mix) in Foundation complete as per Drawing and Technical Specifications.	m3	10728.46		9329.10	7685.10

93	20.2 A	2000	Providing and laying of Plain Cement Concrete grade M15 in Foundation including formwork etc. all complete as per Drawing and Technical Specifications	m3	12593.23		10950.63	8263.46
94	20.2 C	2000	Providing and laying of Plain Cement Concrete (PCC) grade M20 in Foundation/sub-structure including formwork etc. all complete as per Drawing and Technical Specifications	m3	13656.35		11875.09	9152.36
95	20.2 C	2000	Providing and laying of Reinforced Cement Concrete (RCC) grade M20 in Foundation/sub-structure including formwork etc. all complete as per Drawing and Technical Specifications	m3	13706.90		11920.78	9196.30
96	20.2 D	2000	Providing and laying of Plain Cement Concrete (PCC) grade M25 in Foundation/sub-structure including formwork,admixture etc. all complete as per Drawing and Technical Specifications	m3	15190.58		13209.20	10465.77
97	20.2 E	2000	Providing and laying of Reinforced Cement Concrete (RCC) grade M25 in Foundation/sub-structure including formwork,admixture etc. all complete as per Drawing and Technical Specifications	m3	15719.96		13669.53	10524.20
98	20.2 F	2000	Providing and laying of Plain Cement Concrete (PCC) grade M30 in Foundation/sub-structure including formwork,admixture etc. all complete as per Drawing and Technical Specifications	m3	15256.05		13266.13	10551.52
99	20.2 G	2000	Providing and laying of Reinforced Cement Concrete (RCC) grade M30 in Foundation/sub-structure including formwork,admixture etc. all complete as per Drawing and Technical Specifications	m3	15760.05		13704.39	10571.84
100	20.3 & 20.5	2014	Providing and laying Reinforcement Fe 500 including cutting, bending, binding, fixing in position etc. all complete in foundation/sub-structure as per drawing and technical specification	Mt.	132687.00		115380.00	101060.00
101	20.6	2014	Providing and laying Reinforcement Fe 500 including cutting, bending, binding, fixing in position etc. all complete in super-structure complete as per drawing and technical specifications	Mt.	139207.50		121050.00	105730.00
102	20.9	2014	Providing and laying Reinforcement Fe 500 including cutting, bending, binding, fixing in position etc. all complete in super-structure complete as per drawing and technical specifications	Mt.	138137.00		118080.00	101060.00
				Weighage Rate of Reinforcement per Mt.	136010.50		118270.00	102816.66
	Activity : Section 2400 : RIVER TRAINING AND PROTECTION WORKS							
104	24.2,24.3 & 24.4	2402	Providing mechanically woven double twisted gabion boxes/mats /matress with diaphragm including rolling, cutting and with lacing wire of Heavy zinc coated Hexagonal mesh type 100 mm x 120 mm,mesh wire 3 mm, selvage wire 3.9 mm, lacing wire 2.4 mm ; assembling Gabion boxes mattresses, paining in position including stretching, forming compartments, tying with bracing wires and tie wires, tying down the lid complete; and providing and filling stone / boulder in gabion boxes / mattresses etc. including dressing, beding, bonding and all transporation as per specification. [SS 2402]*	m3	5733.89		4985.99	4647.02
105	24.50	2404	Providing, laying, fixing in positions of Geo-textile (filter fabrics) [SS 2404]*	m2	186.64		162.30	151.20
106		2405	Supply and fixing Geo-grid fibre glass with tensile strength (bi-axial) (50KN*50KN) (SS-2405)* after assurance of quality	m2	93.66		81.44	7.03
107	24.21 A i	2416	Providing and laying Plain Concrete (Boulder Mixed Concrete) with 60% M15/40 Concrete and 40% Boulders/ Stones including required formworks, providing 100 mm dia HDP pipes (4 Kgf) for weep holes (if necessary) including geotextile, all lifts and lead, compaction, curing etc using mechanical aids, all complete as per Drawing and Specifications and Engineer's Instruction [SS 2421]	m3	11543.91		10038.18	6633.19
109	24.22	2414	Providing and laying subsurface drain with perforated pipe of 300 mm external diameter of metal/ asbestos cement/ cement concrete/PVC, closely jointed, perforations ranging from 3 mm to 6 mm depending upon size of material surrounding the pipe, with 150 mm bedding below the pipe and 300 mm cushion above the pipe,, as per Drawing and Specifications	Rm.	1748.19		1520.17	1087.17
	Activity : Section 2500 : BRICKWORK							
110	25.1 C	2500	Providing and laying Brick Masonry Work in Cement sand mortar (1:4) in Foundation / structure,mixing mortar with concrete mixture, First class Brick, etc all complete , as per Drawing and Technical Specifications (SS2500)	m3	16194.87		14082.50	10686.51
111	25.2 C	2500	Providing and laying Brick Masonry Work in Cement sand mortar (1:4) in superstructure/sub-structure mixing mortar with concrete mixer etc all complete , as per Drawing and Technical Specifications (SS2500)	m3	16390.14		14252.30	10856.31
				Weighage Rate of brick work per cu.m	16292.5		14167.39	
112	25.4 C	2500	Providing and applying 12.5 mm thick Plaster with cement mortar 1:4 (1 cement : 4 sand) on brick work structure as per Technical Specifications.	m2	439.19		381.90	128.91
	Activity : Section 2600 : STONE MASONARY							
113	26.3 (B)	2602,2603,2607	RRM works in 1:4 cement/sand mortar with preparation of mortar ,including scaffolding , curing with supply of materials, providing necessary 100 mm dia HDP pipes (4 Kgf) for weep holes including geotextile, pointing works with cement mortar (1:3) etc all complete as per specification and drawings [SS 2602,2603,2607]	m3	12245.71		10648.44	5986.45
114	26.5 (A)	2602,2603,2607	Providing and laying of Random Rubble Stone Masonry Work in Cement Mortar 1:4 in structure complete as per Drawing and Technical Specifications	m3	13829.16		12025.36	6163.36
			RRM works in 1:6 cement/sand mortar with preparation of mortar ,including scaffolding , curing with supply of materials, providing necessary 100 mm dia HDP pipes (4 Kgf) for weep holes including pointing works with cement mortar (1:3) etc all complete as per specification and drawings [SS 2602,2603,2607]	m3	12010.09		10443.56	5781.56
				Weighage Rate of stone masonary per Cum.	13037.43		11336.90	
115	26.7 A	2600	Providing and Pointing with cement mortar (1:3) on stone masonry work in structure as per Technical Specifications	m2	311.48		270.85	61.16
	Activity : Section 2900 : MAINTENANCE OF ROAD							
116	29.1 A	2902	Carryout Routine (regular maintenance) of Black top/ Gravel road in plain area (Terai) as per Technical Specifications and direction of the Engineer	Km-month	11031.90		9592.96	

117	29.1 B	2902	Carryout Routine (regular maintenance) of Black top/ Gravel road in Hilly area as per Technical Specifications and direction of the Engineer	Km-month	15516.90		13492.96	
	Activity : Section 2800 : BIO-ENGINEERING WORKS							
			Providing and laying in position Grass carpet (Dubo) etc. all complete as directed by engineer	m2	720.25		626.30	408.50
	Activity : Section 3100 : MISCELLANEOUS WORK							
118	31.3	3100	Providing and fixing Drainage Spouts complete as per Drawing and Technical specifications	no.	15531.09		13505.30	12639.30
119	31.7	3105	Providing, fencing and erecting 50 mm dia heavy GI steel pipe railing in 3 rows on precast M 25 grade RCC vertical posts 1.8 metres high (1.2 m above GL) with 3 holes 50 mm dia for pipe, fixed 2 metres center to centre, complete as per Drawing and Technical Specifications	Rm.	4492.94		3906.90	3833.61
120			Providing and installing Expansion Joints with minimum 10 mm thick rubber seal/tarfelt sheet including all necessary axiliary and incidental works etc. complete as per drawing and specification. [SS 1901]*	m2	160.71		139.75	139.75
121			Providing and fixing ISA-100*100*8 mm armour angle with 200 mm long V-type 12 dia. Bars @300 mm C/C including fixing in position etc all complete as directed by engineer	Rm.	1814.66		1577.97	1577.97
122			Providing, fencing and erecting 50 mm dia heavy GI steel pipe for railing, etc all complete as per Drawing and Technical Specifications	Rm.	895.11		778.36	778.36
123			providing and fixing C.I. Manhole cover of 24 " (600mm) dia. (Heavy duty) (85kg) with frame at requird level including dismentalling, concreting nut bolting etc. all complete as per drawing and specification etc all complete as directed by engineer	No.	14276.78		12414.59	12414.59
124			providing and fixing cover of Iron. Grid in Required shape and size (20kg) with frame at requird level including dismentalling, concreting nut bolting etc. all complete as per drawing and specification (2710)	no.	4050.99		3522.60	3522.60
	Activity : Section : BUILDING NORMS & OTHERS							
125			Providing, laying and levelling of dry stone soling works in the foundation/floor etc. all complete as per specification	m3	5522.53		4802.20	3302.21
126			Providing and fixing Sal wood work for Door and window Frame with well seasoned including MS Holdfasts of sizes (3x10x300mm) 6 Nos. for Door & 4 Nos. for window frame ,necessary screw,cement concrete fixing the frame in position in perfect line and level etc all complete as per Drawing specification and instruction of Site Engineer	m3	329730.89		286722.51	238102.52
127			Providing and fixing 38 mm th sal wood panelled door shutter fixing in position in perfect line & level with 125mm.size 6nos of steel butt hinges,150mm & 250mm size Tower bolts (heavy Aluminium) 250mm aldrop of well reconized brand,250mm heavy CP pull handles,necessary screw and nails etc all complete as per drawing , specification and instruction of Site Engineer	m2	17823.59		15498.77	18464.42
128			Supplying and fixing Aluminium framed Sliding window With ventilator and Mosquito Net (Aluminium :- Natural anodised 101mmx38mm x1.2mm , Glass 5mm clear)	m2	7151.10		6218.35	6218.35
129			Providing and fixing and fixing 4.5 mm*20 mm M. S. grill work all complete as per the specification and instruction of site incharge	kg	149.50		130.00	130.00
130			Supplying ,making and fixing of 90 cm height stainless steel pipe railing work for staircase made with 50 mm dia handrail pipe 20 mm dia 3 rows pipe in between handrail and step floor 40mm dia pipe vertical post and 75 mm dia bluaster pipe with all fancy fittings with all complete work as directed by engineer.	Rm.	4526.40		3936.00	3936.00
131			Providing and laying Fancy type porcelain glazed/Non-glazed tile supply and fitting work in (1:4) cement sand mortar of good finish all complete work as per specification & instruction	m2	3893.32		3385.50	1206.50
132			Providing and applying Two coat of enamel paint work over primer coat of approved colour and shade on wood/steel surface including cleaning,wetting and scaffolding all complete as per specification and instruction	m2	410.03		356.55	116.95
133			Providing and applying Two coat of Plastic emulsion paint work over primer coat of approved colour and shade including cleaning,wetting and scaffolding all complete as per specification and instruction	m2	402.46		349.97	110.37
134			Providing and applying Two coat of Apex paint (weather coat) work over primer coat of approved colour and shade including cleaning,wetting and scaffolding all complete as per specification and instruction	m2	373.27		324.58	115.28
135			Cement sand pointing (1:3) 3 mm thick work over cement sand plaster in line & level with trowelling the top surface to give a smooth finish on floor, wall & skirting etc in perfect line & level including clearing, curing with all complete	m2	346.26		301.10	68.10
136			Back filling in foundation, floor etc with the earth from outside of the construction area as per instruction of site engineer	m3	287.50		250.00	
137			Earth filling under floors with good quality earth including Transported from quarry site, compacting in 150 mm thick layers with sprinkling water, ramming & consolidating with all complete	m3	940.70		818.00	318.00

			Providing and laying DWC pipes						
			200mm dia	Rm	2045.85		1779.00	1668.00	
			250mm dia	Rm	2557.50		2224.00	2113.00	
			100mm dia	RM	4246.57		3692.67	3515.00	
			400mm dia	Rm	5487.03		4771.33	4527.00	
			500mm dia	Rm	6587.20		5728.00	5496.00	
			600mm dia	Rm	11115.13		9665.33	9310.00	
			800mm dia	Rm	17607.37		15484.67	14965.00	
			Providing and laying broken flat brick over 60 mm thick sand bed in including excavation sand bedding all complete as per specification.	Sqm	353.01		306.97	7.22	

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Tokha Municipality
Manjushree, Kathmandu

Summary Rate of HDPE Pipe 2083/84

S.No.	Description of Items	Unit	Supply Rate (NRs.)				Laying & Jointing Rate (NRs.)		Amount (NRs.)						Remarks
A	HDPE Pipe (PE-100)		PN 6	PN 10	PN 12.5	PN 16			PN 6(contractors)	PN 6(users)	PN 10(contractors)	PN 10(users)	PN 12.5(contractors)	PN 12.5(users)	PN 16(contractors)	PN 16(users)	
1	Supplying, laying & jointing 20mm dia PE 100 Grade HDPE pipe (NS-40)	Rm				37.87	7.46	6.49							45.33	44.36	
2	Supplying, laying & jointing 25mm dia PE 100 Grade HDPE pipe (NS-40)	Rm			48.57	59.62	7.46	6.49							67.08	66.11	
3	Supplying, laying & jointing 32mm dia PE 100 Grade HDPE pipe (NS-40)	Rm		66.09	78.51	97.41	7.46	6.49			78.55	72.58			104.87	103.90	
4	Supplying, laying & jointing 40mm dia PE 100 Grade HDPE pipe (NS-40)	Rm		103.26	124.94	151.48	7.46	6.49			116.72	109.75			158.94	157.97	
5	Supplying, laying & jointing 50mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	102.06	159.36	194.27	234.90	8.85	7.30									
6	Supplying, laying & jointing 63mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	162.14	254.90	303.83	369.20	103.36	89.88									
7	Supplying, layer, & jointing 75mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	232.79	361.53	431.41	525.82	103.36	89.88									
8	Supplying, laying & jointing 90mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	327.62	519.17	623.96	757.17	103.36	89.88									
9	Supplying, laying & jointing 110mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	488.37	767.80	930.23	1,125.80	155.53	135.24									
10	Supplying, laying & jointing 125mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	632.57	991.03	1,195.17	1,454.39	155.53	135.24									
11	Supplying, laying & jointing 140mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	795.39	1,242.70	1,503.91	1,825.44	208.98	181.72									
12	Supplying, laying & jointing 160mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	1,036.94	1,626.75	1,962.55	2,389.19	208.98	181.72									
13	Supplying, laying & jointing 180mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	1,310.47	2,062.42	2,482.14	3,015.71	208.98	181.72									
14	Supplying, laying & jointing 200mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	1,615.98	2,549.72	3,062.67	3,729.50	312.32	271.58									
15	Supplying, laying & jointing 225mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	2,057.12	3,238.06	3,882.62	4,716.10	312.32	271.58									
16	Supplying, laying & jointing 250mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	2,530.26	3,984.11	4,780.66	5,818.34	312.32	271.58									
17	Supplying, laying & jointing 280mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	3,181.52	4,970.80	5,994.29	7,301.76	312.32	271.58									
18	Supplying, laying & jointing 315mm dia PE 100 Grade HDPE pipe (NS-40)	Rm	4,132.96	6,297.41	7,595.53	9,229.94	372.51	497.83									

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