

# कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 8798 / निर्माण / 2023

सिस्टम टेंडर नं 131760

कोरबा दिनांक 21.04.2023

## ई-निविदा आमंत्रण सूचना ( प्रथम निविदा)

कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में एकीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा सड़क कार्य हेतु दिनांक 01.01.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त तरोधनों के साथ शोइंगूल अनुसार प्रतिशत दर पर ई-प्रोक्चुरमेंट (E-Tendering) के माध्यम से निविदाएं आमंत्रित की जाती हैं -

क्र.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	नगर पालिक निगम कोरबा के समस्त जोन के विभिन्न वार्डों में डामरीकृत सड़कों का मरम्मत एवं पेच रिपेयरिंग कार्य। (जीएन शीर्ष डामरीकृत सड़कों का मरम्मत एवं संधारण) (प्रथम निविदा)	349.47	262200/-	03 माह (वर्षा ऋतु छोड़कर)	वर्ग बी एच प्रवर श्रेणी	12.05.2023 से —

1. निविदा दरे प्रचलित सीएसआर से कम या अधिक प्रतिशत दरों पर दिया जावे सीएसआर के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
2. जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
3. इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशिप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, आयकर प्रमाण पत्र/पैन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाईन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं धरोहर राशि का स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयको में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए रोकी जावेगी।
5. निविदा उन्ही ठेकेदारों को प्रदाय किये जावेगे जो कि कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो अन्यथा निविदा प्रदाय नहीं किया जावेगा।
6. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में वैध शपथपत्र देना अनिवार्य होगा।
7. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
8. सशर्त निविदा स्वीकार नहीं की जावेगी। निविदा उन्ही ठेकेदारों को दी जावेगा जिन्हें इस प्रकार के कार्य का अनुभव हो।
9. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
10. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
11. अन्य सूचनाएं नगर पालिक निगम, साकेत भवन रामपुर कोरबा कार्यालय में प्राप्त की जा सकती हैं।
12. बिना कारण बताये निविदा स्वीकृत/अस्वीकृत या पूर्ण रूप से अमान्य करने का अधिकार सक्षम अधिकारी/प्राधिकारी को रहेगा।
13. डामरीकरण कार्य का निविदा प्रपत्र कय करते समय ठेकेदार को स्वयं के स्वामित्व / लीज के आटोमेटिक ड्रम मिक्स प्लांट, रोलर एवं अन्य मशीनरी, हॉट मिक्स प्लांट, पेवर फिनिशर एवं रोड रोलर आदि मशीनों के प्रमाण पत्र आवेदन के साथ संलग्न करना आवश्यक होगा तथा निविदाकार का 60 किमी. की परिधि में हॉल मिक्स प्लांट होना आवश्यक है।
14. ठेकेदार द्वारा 60/70 ग्रेड का डामर IOC, BPCL, HPCI से ही कय कर लगाना होगा। ठेकेदार को तेल कंपनी को दी जाने वाली प्रदाय आदेश की प्रतिलिपि इस कार्यालय को देनी होगी।
15. कार्य में प्रयुक्त डामर खरीदी के देयक (बिल) कार्यालय में प्रस्तुत करने पर ही भुगतान किया जावेगा।
16. जब निविदा के दरों में असामान्य कमी प्रतीत हो तब सफल निविदादाता से अनुबंध के समय अतिरिक्त परफार्मेंस राशि जमा कराई जावेगी, जबकि निविदा की दरों में काफी कमी हो, जैसे निविदादाता को अनुमानित लागत से 10 प्रतिशत से कम निविदा दर होने पर सफल निविदादाता को निविदा दर एवं अनुमानित लागत के 90 प्रतिशत के अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ.डी.आर पोस्ट ऑफिस टाईम डिपॉजिट, एन.एस.सी. जो कि संबंधित निकाय के आयुक्त / मुख्य नगर पालिका अधिकारी के नाम से देय होगा, जमा कराना अनिवार्य होगा उपरोक्त राशि को जमा न कराने की दशा में निविदा निरस्त कर दी जावेगी।

कार्यपालन अभियंता  
नगर पालिक निगम  
कोरबा (छत्तीसगढ़)

प्रतिलिपि-

प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, रायपुर को [uad.cg.gov.in](http://uad.cg.gov.in) में अपलोड करने हेतु प्रेषित।

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

ESTIMATE

कार्य का नाम :- वार्ड नं. 66 अंतर्गत बांकी मोंगरा 02 में डामरीकृत सड़क मरम्मत कार्य।

- 1( इंदिरा नगर रामकुमार साहू घर से एस.एल.आर.एम. सेंटर रोड तक )
- 2( इंदिरा नगर अंसारी वकील घर से आंगन बाड़ी होते हुए मेन रोड तक )
- 3( डॉ. गुप्ता घर पानी टंकी चौक से लेकर मेन रोड बांकी साइड तक )
- 4( जंगल साइड आजाद आटा चक्की से लेकर मैग्जीन ग्राउंड तक )

S. N.	Item No.	ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
1		Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3								
			8	25.00	3.60		720.00			
			6	30.00	3.60		648.00			
			2	50.00	3.60		360.00			
			2	75.00	3.60		540.00			
			4	60.00	3.60		864.00			
							3132.00	sqm	23.00	72036.00
2		2.2 Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area)								
							0.48	hect	13438.00	6450.24
3		Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.								
			8	25.00	3.60	0.15	108.00			
			6	30.00	3.60	0.15	97.20			
			2	50.00	3.60	0.15	54.00			
			2	75.00	3.60	0.15	81.00			
			4	60.00	3.60	0.15	129.60			
							469.80	cum	95.00	44631.00

	Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.)								
		8	25.00	3.60	0.15	108.00			
		6	30.00	3.60	0.15	97.20			
		2	50.00	3.60	0.15	54.00			
		2	75.00	3.60	0.15	81.00			
		4	60.00	3.60	0.15	129.60			
						469.80	cum	1434.00	673693.20
5	5.1 Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade confirming to IS:8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502.								
		8	25.00	3.60		720.00			
		6	30.00	3.60		648.00			
		2	50.00	3.60		360.00			
		2	75.00	3.60		540.00			
		4	60.00	3.60		864.00			
						3132.00	sqm	64.00	200448.00
6	5.3 Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)								
	B With mechanical paver finisher (ii) for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)								
		8	25.00	3.60	0.05	36.00			
		6	30.00	3.60	0.05	32.40			
		2	50.00	3.60	0.05	18.00			
		2	75.00	3.60	0.05	27.00			
		4	60.00	3.60	0.05	43.20			
						156.60	cum	6255.00	979533.00
7	5.2 Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.								







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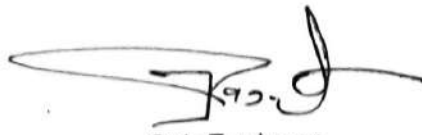
ESTIMATE

कार्य का नाम :- वार्ड नं. 59 खम्हरिया बस्ती में S.L.R.M. सेंटर मोड़ से हीरू घर तक डामरीकृत सड़क मरम्मत कार्य ।

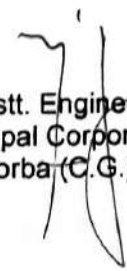
S. N.	Item No.	ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
1		Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3								
			7	25.00	3.60		630.00			
			6	30.00	3.60		648.00			
			2	50.00	3.60		360.00			
			2	75.00	3.60		540.00			
			4	60.00	3.60		864.00			
							3042.00	sqm	23.00	69966.00
2		2.2 Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area)								
							0.48	hect	13438.00	6450.24
3		Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.								
			7	25.00	3.60	0.15	94.50			
			6	30.00	3.60	0.15	97.20			
			2	50.00	3.60	0.15	54.00			
			2	75.00	3.60	0.15	81.00			
			4	60.00	3.60	0.15	129.60			
							456.30	cum	95.00	43348.50
4	4.1	Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.)								
			7	25.00	3.60	0.15	94.50			
			6	30.00	3.60	0.15	97.20			
			2	50.00	3.60	0.15	54.00			
			2	75.00	3.60	0.15	81.00			
			4	60.00	3.60	0.15	129.60			
							456.30	cum	1434.00	654334.20

	5.1 Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade confirming to IS:8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502.								
		7	25.00	3.60		630.00			
		6	30.00	3.60		648.00			
		2	50.00	3.60		360.00			
		2	75.00	3.60		540.00			
		4	60.00	3.60		864.00			
						3042.00	sqm	64.00	194688.00
6	5.3 Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)								
	B With mechanical paver finisher								
	(ii) for Grading-II (19 mm nominal maximum size, bitumen content 3.40%)								
		7	25.00	3.60	0.05	31.50			
		6	30.00	3.60	0.05	32.40			
		2	50.00	3.60	0.05	18.00			
		2	75.00	3.60	0.05	27.00			
		4	60.00	3.60	0.05	43.20			
						152.10	cum	6255.00	951385.50
7	5.2 Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.								
	(i) Bituminous surface @ 0.25 kg /Sqm for seal								
		7	25.00	3.60		630.00			
		6	30.00	3.60		648.00			
		2	50.00	3.60		360.00			
		2	75.00	3.60		540.00			
		4	60.00	3.60		864.00			
		8	30.00	3.60		864.00			
	for lbm	2	43.50	3.60		313.20			
						4219.20	sqm	15.00	63288.00
8	Providing and laying leveling course / profile corrective course with bituminous macadam With minimum 40-60 TPH capacity hot mix plant using crushed aggregates of Grading-I premixed with bituminous binder @ 3.1% transported to site and laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clause-501.6 and 501.7 to achieve the desired compaction complete in all respect and as per relevant clause section								
		2	43.50	3.60	0.05	15.66			

					15.66	cum	5432.00	85065.12
9	5.8 Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508)							
	II. With mechanical paver finisher							
	A With bitumen							
	ii) Type B ( 13.2 mm to 0.09 mm size aggregates )							
		7	25.00	3.60			630.00	
		6	30.00	3.60			648.00	
		2	50.00	3.60			360.00	
		2	75.00	3.60			540.00	
		4	60.00	3.60			864.00	
	seal	8	30.00	3.60			864.00	
					3906.00	sqm	146.00	570276.00
							total=	2638801.56
							say rs.=	2638800.00



Sub Engineer  
Municipal Corporation  
Korba (C.G.)



Asstt. Engineer  
Municipal Corporation  
Korba (C.G.)



# OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

## ESTIMATE

का नाम :- वार्ड नं. 54 अंतर्गत बरम्पुर चौक से मिडिल स्कूल दूरवा तक डामरीकृत सड़क मरम्मत कार्य ।

S. N.	Item No.	ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
1		Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3								
			7	25.00	3.60		630.00			
			6	30.00	3.60		648.00			
			2	50.00	3.60		260.00			
			2	75.00	3.60		540.00			
			4	60.00	3.60		864.00			
							3042.00	sqm	23.00	69966.00
2		2.2 Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area)								
							0.48	hect	13438.00	6450.24
3		Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.								
			7	25.00	3.60	0.15	94.50			
			6	30.00	3.60	0.15	97.20			
			2	50.00	3.60	0.15	54.00			
			2	75.00	3.60	0.15	81.00			
			4	60.00	3.60	0.15	129.60			
							456.30	cum	95.00	43348.50
4	4.3	Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at 0.8% in mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with power in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density) as per clause 406.)								
			7	25.00	3.60	0.15	94.50			
			6	30.00	3.60	0.15	97.20			
			2	50.00	3.60	0.15	54.00			
			2	75.00	3.60	0.15	81.00			
			4	60.00	3.60	0.15	129.60			
							456.30	cum	434.00	198134.20

# OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

## ESTIMATE

कार्य का नाम :- वार्ड नं. 54 अंतर्गत बरमपुर चौक से मिडिल स्कूल दूरपा तक डामरीकृत सड़क मरम्मत कार्य ।

S. N.	Item No.	ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
1		Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3								
			7	25.00	3.60		630.00			
			6	30.00	3.60		648.00			
			2	50.00	3.60		360.00			
			2	75.00	3.60		540.00			
			4	60.00	3.60		864.00			
							3042.00	sqm	23.00	69966.00
2		2.2 Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area)								
							0.48	hect	13438.00	6450.24
3		Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.								
			7	25.00	3.60	0.15	94.50			
			6	30.00	3.60	0.15	97.20			
			2	50.00	3.60	0.15	54.00			
			2	75.00	3.60	0.15	81.00			
			4	60.00	3.60	0.15	129.60			
							456.30	cum	95.00	43348.50
4	4.1	Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.)								
			7	25.00	3.60	0.15	94.50			
			6	30.00	3.60	0.15	97.20			
			2	50.00	3.60	0.15	54.00			
			2	75.00	3.60	0.15	81.00			
			4	60.00	3.60	0.15	129.60			
							456.30	cum	1434.00	654334.20

	5.1 Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade confirming to IS:8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502.								
		7	25.00	3.60		630.00			
		6	30.00	3.60		648.00			
		2	50.00	3.60		360.00			
		2	75.00	3.60		540.00			
		4	60.00	3.60		864.00			
						3042.00	sqm	64.00	194688.00
6	5.3 Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)								
	B With mechanical paver finisher (ii) for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)								
		7	25.00	3.60	0.05	31.50			
		6	30.00	3.60	0.05	32.40			
		2	50.00	3.60	0.05	18.00			
		2	75.00	3.60	0.05	27.00			
		4	60.00	3.60	0.05	43.20			
						152.10	cum	6255.00	951385.50
7	5.2 Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.								
	(i) Bituminous surface @ 0.25 kg /Sqm for seal								
		7	25.00	3.60		630.00			
		6	30.00	3.60		648.00			
		2	50.00	3.60		360.00			
		2	75.00	3.60		540.00			
		4	60.00	3.60		864.00			
		8	30.00	3.60		864.00			
	for lbm	4	43.50	3.60		626.40			
						4532.40	sqm	15.00	67986.00
8	Providing and laying leveling course / profile corrective course with bituminous macadam With minimum 40-60 TPH capacity hot mix plant using crushed aggregates of Grading-I premixed with bituminous binder @ 3.1% transported to site and laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clause-501.6 and 501.7 to achieve the desired compaction complete in all respect and as per relevant clause section 500.								
		4	43.50	3.60	0.05	31.32			



5.8 Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508)					31.32	cum	5432.00	170130.24
II. With mechanical paver finisher								
A With bitumen								
ii) Type B ( 13.2 mm to 0.09 mm size aggregates )								
	7	25.00	3.60		630.00			
	6	30.00	3.60		648.00			
	2	50.00	3.60		360.00			
	2	75.00	3.60		540.00			
	4	60.00	3.60		864.00			
seal	8	30.00	3.60		864.00			
					3906.00	sqm	146.00	570276.00
							<b>total=</b>	<b>2728564.68</b>
							<b>say rs.=</b>	<b>2728500.00</b>



Sub Engineer  
Municipal Corporation  
Korba (C.G.)



Asstt. Engineer  
Municipal Corporation  
Korba (C.G.)



OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

DETAILED ESTIMATE

of work:-Repair and Maintenance of Various Patches of B.T. Road Kosabadi Zone Area.

Sor :- Schedule of Rates Public Works Department [ PWD ROAD 01-01-2015]

Sl. No.	ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
3.11	Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3								
	<b>Ward 33 pwd school</b>	5	20.00	3.00		300.00			
	arya mandir	1	200.00	4.00		800.00			
	in front of school	6	20.00	4.00		480.00			
	school k bagal	5	30.00	3.50		525.00			
	<b>cyber crime thana k samne</b>	1	130.00	4.50		585.00			
	near shiv mandir	5	10.00	4.00		200.00			
	ward 32 rishdi basti	5	20.00	4.00		400.00			
	school mohalla	1	150.00	4.00		600.00			
	dingapur basti	15	30.00	3.30		1485.00			
	Risdi (Chandralok ke ghar)	1	200.00	3.50		700.00			
		1	41.00	3.30		135.30			
		1	13.00	2.90		37.70			
		1	17.00	2.80		47.60			
		1	18.00	3.80		68.40			
		1	7.50	3.70		27.75			
	Kali Mandir ke piche ward 31	1	100.00	4.00		400.00			
	Kharmora Samudayik Bhawan ke pass	1	300.00	3.50		1050.00			
	School ke pass	1	3.30	1.50		4.95			
		1	32.00	3.00		96.00			
		1	16.00	2.80		44.80			
		35	1.20	0.90		37.80			
		5	20.00	5.00		500.00			
		1	22.00	3.00		66.00			
		1	28.00	3.20		89.60			
		1	32.00	3.30		105.60			
		1	18.00	3.20		57.60			
		1	9.00	3.20		28.80			
		1	23.00	3.00		69.00			
		1	6.00	3.00		18.00			
		1	15.00	3.60		54.00			
		1	35.00	3.20		112.00			
		1	30.00	3.50		105.00			
		1	16.00	3.30		52.80			
		1	32.00	3.60		115.20			
		36	0.90	0.60		19.44			
						9418.34	sqm	23.00	216621.82
2	2.2 Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area)					0.65	hect	13438.00	8734.7

Deepak Estimate. boundry (ramesh)

मिथ्या

व्यापक दिनांक 01/20



Excavation in Soil (by Mechanical Means.)

Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.

**Ward 33 pwd school**

arya mandir

in front of school

school k bagal

**cyber crime thana k samne**

near shiv mandir

ward 32 rishdi basti

school mohalla

dingapur basti

Risdi (Chandralok ke ghar)

Kali Mandir ke piche ward 31

Kharmora Samudayik Bhawan ke pass

School ke pass

Total

cum

95.00

134211.345

12/12/2023

Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.)									
<b>Ward 33 pwd school</b>	5	20.00	3.00	0.15	45.00				
arya mandir	1	200.00	4.00	0.15	120.00				
in front of school	6	20.00	4.00	0.15	72.00				
school k bagal	5	30.00	3.50	0.15	78.75				
<b>cyber crime thana k samne</b>	1	130.00	4.50	0.15	87.75				
near shiv mandir	5	10.00	4.00	0.15	30.00				
ward 32 rishdi basti	5	20.00	4.00	0.15	60.00				
school mohalla	1	150.00	4.00	0.15	90.00				
dingapur basti	15	30.00	3.30	0.15	222.75				
Risdi (Chandralok ke ghar)	1	200.00	3.50	0.15	105.00				
	1	41.00	3.30	0.15	20.30				
	1	13.00	2.90	0.15	5.66				
	1	17.00	2.80	0.15	7.14				
	1	18.00	3.80	0.15	10.26				
Kali Mandir ke piche ward 31	1	7.50	3.70	0.15	4.16				
Kharmora Samudayik Bhawan ke pass	1	100.00	4.00	0.15	60.00				
School ke pass	1	300.00	3.50	0.15	157.50				
	1	3.30	1.50	0.15	0.74				
	1	32.00	3.00	0.15	14.40				
	1	16.00	2.80	0.15	6.72				
	35	1.20	0.90	0.15	5.67				
	5	20.00	5.00	0.15	75.00				
	1	22.00	3.00	0.15	9.90				
	1	28.00	3.20	0.15	13.44				
	1	32.00	3.30	0.15	15.84				
	1	18.00	3.20	0.15	8.64				
	1	9.00	3.20	0.15	4.32				
	1	23.00	3.00	0.15	10.35				
	1	6.00	3.00	0.15	2.70				
	1	15.00	3.60	0.15	8.10				
	1	35.00	3.20	0.15	16.80				
	1	30.00	3.50	0.15	15.75				
	1	16.00	3.30	0.15	7.92				
	1	32.00	3.60	0.15	17.28				
	36	0.90	0.60	0.15	2.92				
					1412.75	cum	1434.00	2025884.934	

	1	Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade confirming to IS 8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502.																		
		<b>Ward 33 pwd school</b>	5	20.00	3.00				300.00											
		arya mandir	1	200.00	4.00				800.00											
		in front of school	6	20.00	4.00				480.00											
		school k bagal	5	30.00	3.50				525.00											
		<b>cyber crime thana k samne</b>	1	130.00	4.50				585.00											
		near shiv mandir	5	10.00	4.00				200.00											
		ward 32 rishdi basti	5	20.00	4.00				400.00											
		school mohalla	1	150.00	4.00				600.00											
		dingapur basti	15	30.00	3.30				1485.00											
		Risdi (Chandralok ke ghar)	1	200.00	3.50				700.00											
			1	41.00	3.30				135.30											
			1	13.00	2.90				37.70											
			1	17.00	2.80				47.60											
			1	18.00	3.80				68.40											
		Kali Mandir ke piche ward 31	1	7.50	3.70				27.75											
		Kharmora Samudayik Bhawan ke pass	1	100.00	4.00				400.00											
		School ke pass	1	300.00	3.50				1050.00											
			1	3.30	1.50				4.95											
			1	32.00	3.00				96.00											
			1	16.00	2.80				44.80											
			35	1.20	0.90				37.80											
			5	20.00	5.00				500.00											
			1	22.00	3.00				66.00											
			1	28.00	3.20				89.60											
			1	32.00	3.30				105.60											
			1	18.00	3.20				57.60											
			1	9.00	3.20				28.80											
			1	23.00	3.00				69.00											
			1	6.00	3.00				18.00											
			1	15.00	3.60				54.00											
			1	35.00	3.20				112.00											
			1	30.00	3.50				105.00											
			1	16.00	3.30				52.80											
			1	32.00	3.60				115.20											
			36	0.90	0.60				19.44											
								Total	9418.34	sqm		64.00							602773.76	
6	5.3	5.3 Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)																		

		with mechanical paver finisher											
		(i) for Grading-II(19 mm nominal maximum size, bitumen content											
		<b>Ward 33 pwd school</b>	5	20.00	3.00	0.05	15.00						
		arya mandir	1	200.00	4.00	0.05	40.00						
		in front of school	6	20.00	4.00	0.05	24.00						
		school k bagal	5	30.00	3.50	0.05	26.25						
		<b>cyber crime thana k samne</b>	1	130.00	4.50	0.05	29.25						
		near shiv mandir	5	10.00	4.00	0.05	10.00						
		ward 32 rishdi basti	5	20.00	4.00	0.05	20.00						
		school mohalla	1	150.00	4.00	0.05	30.00						
		dingapur basti	15	30.00	3.30	0.05	74.25						
		Risdi (Chandralok ke ghar)	1	200.00	3.50	0.05	35.00						
			1	41.00	3.30	0.05	6.77						
			1	13.00	2.90	0.05	1.89						
			1	17.00	2.80	0.05	2.38						
			1	18.00	3.80	0.05	3.42						
		Kali Mandir ke piche ward 31	1	7.50	3.70	0.05	1.39						
		Kharmora Samudayik Bhawan ke pass	1	100.00	4.00	0.05	20.00						
		School ke pass	1	300.00	3.50	0.05	52.50						
			1	3.30	1.50	0.05	0.25						
			1	32.00	3.00	0.05	4.80						
			1	16.00	2.80	0.05	2.24						
			35	1.20	0.90	0.05	1.89						
			5	20.00	5.00	0.05	25.00						
			1	22.00	3.00	0.05	3.30						
			1	28.00	3.20	0.05	4.48						
			1	32.00	3.30	0.05	5.28						
			1	18.00	3.20	0.05	2.88						
			1	9.00	3.20	0.05	1.44						
			1	23.00	3.00	0.05	3.45						
			1	6.00	3.00	0.05	0.90						
			1	15.00	3.60	0.05	2.70						
			1	35.00	3.20	0.05	5.60						
			1	30.00	3.50	0.05	5.25						
			1	16.00	3.30	0.05	2.64						
			1	32.00	3.60	0.05	5.76						
			36	0.90	0.60	0.05	0.97						
							Total	470.92	cum	6255.00	2945585.835		
7	5.2	5.2 Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.											
		(i) Bituminous surface @ 0.25 kg /Sqm											
		<b>Ward 33 pwd school</b>	5	20.00	3.00		300.00						
		arya mandir	1	200.00	4.00		800.00						
		in front of school	6	20.00	4.00		480.00						
		school k bagal	5	30.00	3.50		525.00						
		<b>cyber crime thana k samne</b>	1	130.00	4.50		585.00						
		near shiv mandir	5	10.00	4.00		200.00						
		ward 32 rishdi basti	5	20.00	4.00		400.00						
		school mohalla	1	150.00	4.00		600.00						

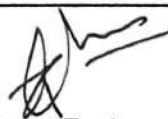


		15	30.00	3.30		1485.00			
		1	200.00	3.50		700.00			
		1	41.00	3.30		135.30			
		1	13.00	2.90		37.70			
		1	17.00	2.80		47.60			
		1	18.00	3.80		68.40			
	Kali Mandir ke piche ward 31	1	7.50	3.70		27.75			
	Kharmora Samudayik Bhawan ke pass	1	100.00	4.00		400.00			
	School ke pass	1	300.00	3.50		1050.00			
		1	3.30	1.50		4.95			
		1	32.00	3.00		96.00			
		1	16.00	2.80		44.80			
		35	1.20	0.90		37.80			
		5	20.00	5.00		500.00			
		1	22.00	3.00		66.00			
		1	28.00	3.20		89.60			
		1	32.00	3.30		105.60			
		1	18.00	3.20		57.60			
		1	9.00	3.20		28.80			
		1	23.00	3.00		69.00			
		1	6.00	3.00		18.00			
		1	15.00	3.60		54.00			
		1	35.00	3.20		112.00			
		1	30.00	3.50		105.00			
		1	16.00	3.30		52.80			
		1	32.00	3.60		115.20			
		36	0.90	0.60		19.44			
					Total	9418.34	sqm	15.00	141275.1

9	5.8	<p>5.8 Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508)</p> <p>II. With mechanical paver finisher A With bitumen</p>							
5		<p>ii) Type B ( 13.2 mm to 0.09 mm size aggregates )</p>							
		5	20.00	3.00		300.00			
		1	200.00	4.00		800.00			
		6	20.00	4.00		480.00			
		5	30.00	3.50		525.00			
		1	130.00	4.50		585.00			
		5	10.00	4.00		200.00			
		5	20.00	4.00		400.00			

		1	150.00	4.00		600.00		
		15	30.00	3.30		1485.00		
		1	200.00	3.50		700.00		
		1	41.00	3.30		135.30		
		1	13.00	2.90		37.70		
		1	17.00	2.80		47.60		
		1	18.00	3.80		68.40		
		1	7.50	3.70		27.75		
		1	100.00	4.00		400.00		
		1	300.00	3.50		1050.00		
		1	3.30	1.50		4.95		
		1	32.00	3.00		96.00		
		1	16.00	2.80		44.80		
		35	1.20	0.90		37.80		
		5	20.00	5.00		500.00		
		1	22.00	3.00		66.00		
		1	28.00	3.20		89.60		
		1	32.00	3.30		105.60		
		1	18.00	3.20		57.60		
		1	9.00	3.20		28.80		
		1	23.00	3.00		69.00		
		1	6.00	3.00		18.00		
		1	15.00	3.60		54.00		
		1	35.00	3.20		112.00		
		1	30.00	3.50		105.00		
		1	16.00	3.30		52.80		
		1	32.00	3.60		115.20		
		36	0.90	0.60		19.44		
					Total	9418.34	sqm	146.00
								1375077.64
10	1.1	1.1 Transportation of metal i/c loading & unloading						
			9418.34		0.10	941.83	cum	92.00
								86648.728
								<b>Total</b>
								<b>7536813.86</b>
								<b>Say Rs</b>
								<b>7537000.00</b>

  
 Sub Engineer  
 Municipal Corporation  
 Korba (C.G.)

  
 Asstt. Engineer  
 Municipal Corporation  
 Korba (C.G.)

**OFFICE OF THE MUNICIPAL CORPORATION, KORBA ( C.G.)**

**ABSTRACT**

**MAINTENANCE WORK OF TARRING ROAD FROM SUNALIYA CHOWK TO AGRASEN TIRAHA CANAL SIDE AND STATION ROAD TO WASAN CHAAL**

**SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ROAD-01.01.2015]**

REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	3.1 Excavation in Soil (by Manual Means.) Excavation for roadway in soil using including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.	Cum.	307.35	140.00	43,029.00
2	3.11 Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3.	Sqm.	1024.5	23.00	23,563.50
3	4.10 Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.)	Cum	307.35	1434.00	440,739.90
4	5.1 Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade confirming to IS:8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502.				
	(i) on WBM/WMM surface @ 0.85 Kg/sqm.	Sqm	1024.50	64.00	65,568.00
5	5.2 Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.				
	(i) Bituminous surface @ 0.25 kg /Sqm	Sqm	5695	15.00	85,425.00
6	5.4 Dense Bituminous Macadam (Providing and laying dense bituminous macadam with minimum 40-60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.0 to 4.5% by weight of total mix of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.505 complete in all respects.)				
	B With mechanical paver finisher	Cum	71.71	7269.00	521,259.99
	(i) for Grading-I (37.5 mm nominal size, bitumen content 4.0%)				
7	5.5 Bituminous Concrete (Providing and laying bituminous concrete with minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.0 to 6.0% by weight of total mix of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507				

DESCRIPTION	UNIT	QTY	RATE	AMOUNT
complete in all respects)				
With mechanical paver finisher				
Grading II (13.2 mm nominal size) with bitumen 6.0 %	Cum	268.66	9812.00	2,636,091.92
<b>As per Estimate Amount Rs.</b>				<b>3815677.31</b>



Sub Engineer  
Nagar PalikNigam  
Korba (C.G.)



Assistant Engineer  
Nagar PalikNigam  
Korba (C.G.)



ICE OF THE MUNICIPAL CORPORATION, KORBA ( C.G.)

DETAILED ESTIMATE

MAINTENANCE WORK OF TARRING ROAD FROM SUNALIYA CHOWK TO AGRASEN TIRAHA CANAL  
SIDE AND STATION ROAD TO WASAN CHAAL

SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ROAD-01.01.2015]

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT	
3.1	Excavation in Soil (by Manual Means.) Excavation for roadway in soil using including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.									
		1	30.00	2.50	0.30	22.50				
		1	30.00	2.50	0.30	22.50				
		1	30.00	2.50	0.30	22.50				
		1	15.00	2.50	0.30	11.25				
		1	30.00	2.50	0.30	22.50				
		1	30.00	7.90	0.30	71.10				
		1	30.00	2.50	0.30	22.50				
		1	30.00	2.50	0.30	22.50				
		1	30.00	2.50	0.30	22.50				
		1	30.00	2.50	0.30	22.50				
		1	30.00	2.50	0.30	22.50				
		1	30.00	2.50	0.30	22.50				
		1	30.00	2.50	0.30	22.50				
		1	30.00	2.50	0.30	22.50				
						Total	307.35	Cum.	140.00	43029.00
2	3.11	Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3.								
		1	30.00	2.50		75.00				
		1	30.00	2.50		75.00				
		1	30.00	2.50		75.00				
		1	15.00	2.50		37.50				
		1	30.00	2.50		75.00				



	DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	primer coat with ed bitumen emulsion grade confirming to 8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502.								
(i)	on WBM/WMM surface @0.85 Kg/sqm.					1024.50	Sqm	64.00	65568.00
5.2	Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.								
(i)	Bituminous surface @ 0.25 kg /Sqm								
		1	30.00	6.90		207.00			
		1	30.00	7.00		210.00			
		1	30.00	7.10		213.00			
		1	30.00	7.20		216.00			
		1	10.00	7.20		72.00			
		1	30.00	7.00		210.00			
		1	30.00	7.00		210.00			
		1	30.00	7.00		210.00			
		1	30.00	7.00		210.00			
		1	30.00	7.00		210.00			
		1	30.00	7.00		210.00			
		1	30.00	7.00		210.00			
		1	30.00	7.90		237.00			
		1	330.00	7.20		2376.00			
		1	30.00	14.20		426.00			
		1	30.00	14.00		420.00			
		1	20.00	13.00		260.00			
	Deduction-Deduction--					1024.50			
		1	236.00	3.50		822.50			
					<b>Total</b>	5686.00	Sqm	15.00	85426.00
6	5.4 Dense Bituminous Macadam (Providing and laying dense bituminous macadam with minimum 40-60 TPH capacity HMP using crushed aggregates								







**OFFICE OF THE NAGAR PALIK NIGAM, KORBA ( C.G.)**

**ABSTRACT**

Name of Work **REPAIRING/MAINTENANCE OF VARIOUS PATCHES OF B.T. ROAD AT BALCO ZONE AREA.**

As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ROAD-01.01.2015]

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	3.11	Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3.	Sqm.	1046	23.00	24,058.00
2	3.2	Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.	Cum.	90.15	95.00	8,564.25
3	4.10	Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.)	Cum	220.05	1434.00	315,551.70
4	5.1	Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade confirming to IS:8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502.				
	(i)	on WBM/WMM surface @0.85 Kg/sqm.	Sqm	3291.00	64.00	210,624.00
5	5.2	Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.				
	(i)	Bituminous surface @ 0.25 kg /Sqm	Sqm	4406.00	15.00	66,090.00
6	5.3	Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)				
	B	With mechanical paver finisher		0		
	(ii)	for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)	Cum	220.30	6255.00	1,377,976.50
7	5.8	Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508)				
	II.	With mechanical paver finisher		0		
	A	With bitumen		0		
	ii)	Type B ( 13.2 mm to 0.09 mm size aggregates )	Sqm	4406.00	146.00	643,276.00

ITEM	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4.13	Construction of Shoulders (Construction of shoulders as per clause 408 with selected soil from borrow pits / borrow areas having CBR not less than 12 and shall have L.L. and P.I. not more than 25% and 6% respectively, inclusive of all leads and lifts, including clearing and scrapping of existing surface providing required cross fall, compacting watering rolling and royalty charges etc. complete.				
B	With smooth wheeled roller	Cum	270	277.00	74,790.00

As per Estimate Amount Rs. 2720930.45

*gulep*  
SE  
Nagar Palik Nigam  
Korba(C.G.)

*[Signature]*  
A.E.  
Nagar palik Nigam  
Korba(C.G.)

**OFFICE OF THE NAGAR PALIK NIGAM, KORBA ( C.G.)**

**DETAILED ESTIMATE**

Name of Work : REPAIRING/MAINTENANCE OF VARIOUS PATCHES OF B.T. ROAD AT BALCO ZONE AREA.  
 as per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ROAD-01.01.2015]

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	3.11	Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3.								
		gayatri mandir road ward 35-36	2	9.00	6.00		108.00			
			3	4.00	6.00		72.00			
		gramin bank road ward 37	1	10.00	3.00		30.00			
			1	3.00	3.00		9.00			
		shishu mandir road ward 37	2	5.00	3.00		30.00			
			1	25.00	3.00		75.00			
		over head tank daihanpara road	1	20.00	3.00		60.00			
			1	10.00	5.00		50.00			
			2	5.00	3.00		30.00			
		nehrunagar sahu kirana store gali ward 40	1	30.00	3.00		90.00			
			2	6.00	3.00		36.00			
			3	4.00	3.00		36.00			
		shantinagar main road ward 42	1	30.00	3.00		90.00			
			1	20.00	3.00		60.00			
			1	15.00	3.00		45.00			
		shivnagar main road ward 42	2	15.00	3.00		90.00			
		parshad gali ward 42	1	25.00	3.00		75.00			
			2	10.00	3.00		60.00			
						<b>Total</b>	1046.00	Sqm.	23.00	24058.00
2	3.2	Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts								



ITEM DESCRIPTION		N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
and lead upto 1000 meters as per relevant clauses of section 300.									
		3	3.00	3.00	0.15	4.05			
		2	6.00	4.00	0.15	7.20			
		1	3.00	4.00	0.15	1.80			
		1	10.00	4.00	0.15	6.00			
		4	1.00	1.00	0.15	0.60			
		2	2.00	2.00	0.15	1.20			
		1	5.00	5.00	0.15	3.75			
		1	30.00	4.00	0.15	18.00			
		3	2.00	3.00	0.15	2.70			
		2	10.00	2.00	0.15	6.00			
		2	6.00	2.00	0.15	3.60			
		1	10.00	2.00	0.15	3.00			
		3	3.00	3.00	0.15	4.05			
		1	20.00	5.00	0.15	15.00			
		2	10.00	2.00	0.15	6.00			
		2	3.00	3.00	0.15	2.70			
		2	3.00	5.00	0.15	4.50			
<b>Total</b>						90.15	Cum.	95.00	8564.25
3	4.10	Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.)							
		3	3.00	3.00	0.15	4.05			
		2	6.00	4.00	0.15	7.20			
		1	3.00	4.00	0.15	1.80			
		1	10.00	4.00	0.15	6.00			
		4	1.00	1.00	0.15	0.60			
		2	2.00	2.00	0.15	1.20			
		1	5.00	5.00	0.15	3.75			

ITEM DESCRIPTION	N	L	B	HD	QTY	UNIT	RATE	AMOUNT
near school	1	30.00	4.00	0.15	18.00			
ambika mandir	3	2.00	3.00	0.15	2.70			
	2	10.00	2.00	0.15	6.00			
solanki hadi	2	6.00	2.00	0.15	3.60			
	1	10.00	2.00	0.15	3.00			
	3	3.00	3.00	0.15	4.05			
	1	20.00	5.00	0.15	15.00			
	2	10.00	2.00	0.15	6.00			
	2	3.00	3.00	0.15	2.70			
	2	3.00	5.00	0.15	4.50			
	1	10.00	3.00	0.15	4.50			
	1	3.00	3.00	0.15	1.35			
	2	5.00	3.00	0.15	4.50			
	1	25.00	3.00	0.15	11.25			
	1	20.00	3.00	0.15	9.00			
	1	10.00	5.00	0.15	7.50			
	2	5.00	3.00	0.15	4.50			
	1	30.00	3.00	0.15	13.50			
	2	6.00	3.00	0.15	5.40			
	3	4.00	3.00	0.15	5.40			
	1	30.00	3.00	0.15	13.50			
	1	20.00	3.00	0.15	9.00			
	1	15.00	3.00	0.15	6.75			
	2	15.00	3.00	0.15	13.50			
	1	25.00	3.00	0.15	11.25			
	2	10.00	3.00	0.15	9.00			

Total      220.05      Cum      1434.00      315551.70

4	5.1	Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade conforming to IS:8887) on prepared surface of granular base including clearing of road surface and spraying primer using mechanical means as per clause 502.						
	ii)	on WBM/WMM surface @0.85 Kg/sqm.						
			3	3.00	3.00		27.00	
			2	6.00	4.00		48.00	
			1	3.00	4.00		12.00	
			1	10.00	4.00		40.00	
			4	1.00	1.00		4.00	
			2	2.00	2.00		8.00	
			1	5.00	5.00		25.00	
			1	30.00	4.00		120.00	

ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	3	2.00	3.00		18.00			
	2	10.00	2.00		40.00			
	2	6.00	2.00		24.00			
	1	10.00	2.00		20.00			
	3	3.00	3.00		27.00			
	1	20.00	5.00		100.00			
	2	10.00	2.00		40.00			
	2	3.00	3.00		18.00			
	2	3.00	5.00		30.00			
	1	10.00	3.00		30.00			
	1	3.00	3.00		9.00			
	2	5.00	3.00		30.00			
	1	25.00	3.00		75.00			
	1	20.00	3.00		60.00			
	1	10.00	5.00		50.00			
	2	5.00	3.00		30.00			
	1	30.00	3.00		90.00			
	2	6.00	3.00		36.00			
	3	4.00	3.00		36.00			
	1	30.00	3.00		90.00			
	1	20.00	3.00		60.00			
	1	15.00	3.00		45.00			
	2	15.00	3.00		90.00			
	1	25.00	3.00		75.00			
	2	10.00	3.00		60.00			
rikshaw mohalla 36-37	2	15.00	4.00		120.00			
	1	30.00	4.00		120.00			
	2	20.00	4.00		160.00			
	2	12.00	4.00		96.00			
	5	4.00	4.00		80.00			
daihanpara main road ward 37	1	20.00	3.00		60.00			
daihanpara aanganbadi road 37	2	10.00	3.00		60.00			
	2	15.00	3.00		90.00			
	1	10.00	3.00		30.00			
oht road 37	1	20.00	3.00		60.00			
	5	4.00	3.00		60.00			
	2	10.00	3.00		60.00			
nehrunagar 40	4	3.00	3.00		36.00			
	3	5.00	3.00		45.00			
	1	19.00	3.00		57.00			
shantinagar 42	5	3.00	3.00		45.00			
	1	10.00	3.00		30.00			
	1	15.00	3.00		45.00			
shivnagar 42	4	4.00	3.00		48.00			
	3	5.00	3.00		45.00			
	3	10.00	3.00		90.00			
	1	20.00	3.00		60.00			

DESCRIPTION		N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		1	16.00	3.00		48.00			
		1	12.00	3.00		36.00			
		1	23.00	3.00		69.00			
		1	18.00	3.00		54.00			
	odia mohalla road 42	1	20.00	3.00		60.00			
		2	10.00	3.00		60.00			
<b>Total</b>						3291.00	Sqm	64.00	210624.00
5	5.2	Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.							
	(i)	Bituminous surface @ 0.25 kg /Sqm							
		3	3.00	6.00		54.00			
		2	6.00	6.00		72.00			
		1	3.00	6.00		18.00			
		1	10.00	6.00		60.00			
		4	1.00	6.00		24.00			
		2	2.00	6.00		24.00			
		1	5.00	6.00		30.00			
		1	30.00	6.00		180.00			
		3	2.00	6.00		36.00			
		2	10.00	6.00		120.00			
		2	6.00	6.00		72.00			
		1	10.00	6.00		60.00			
		3	3.00	6.00		54.00			
		1	20.00	6.00		120.00			
		2	10.00	6.00		120.00			
		2	3.00	6.00		36.00			
		2	3.00	6.00		36.00			
		2	30.00	6.00		360.00			
		2	20.00	6.00		240.00			
		1	10.00	3.00		30.00			
		1	3.00	3.00		9.00			
		2	5.00	3.00		30.00			
		1	25.00	3.00		75.00			
		1	20.00	3.00		60.00			
		1	10.00	5.00		50.00			
		2	5.00	3.00		30.00			
		1	30.00	3.00		90.00			
		2	6.00	3.00		36.00			
		3	4.00	3.00		36.00			

ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT	
	1	30.00	3.00		90.00				
	1	20.00	3.00		60.00				
	1	15.00	3.00		45.00				
	2	15.00	3.00		90.00				
	1	25.00	3.00		75.00				
	2	10.00	3.00		60.00				
rikshaw mohalla 36-37	2	15.00	4.00		120.00				
	1	30.00	4.00		120.00				
	2	20.00	4.00		160.00				
	2	12.00	4.00		96.00				
	5	4.00	4.00		80.00				
	1	20.00	3.00		60.00				
	2	10.00	3.00		60.00				
	2	15.00	3.00		90.00				
	1	10.00	3.00		30.00				
	1	20.00	3.00		60.00				
	5	4.00	3.00		60.00				
	2	10.00	3.00		60.00				
	4	3.00	3.00		36.00				
	3	5.00	3.00		45.00				
	1	19.00	3.00		57.00				
	5	3.00	3.00		45.00				
	1	10.00	3.00		30.00				
	1	15.00	3.00		45.00				
	4	4.00	3.00		48.00				
	3	5.00	3.00		45.00				
	3	10.00	3.00		90.00				
	1	20.00	3.00		60.00				
	1	16.00	3.00		48.00				
	1	12.00	3.00		36.00				
	1	23.00	3.00		69.00				
	1	18.00	3.00		54.00				
	1	20.00	3.00		60.00				
	2	10.00	3.00		60.00				
					<b>Total</b>	4406.00	Sqm	15.00	66090.00
6	5.3	Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level							



ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
and alignment and rolled to achieve the desired compaction)								
B With mechanical paver finisher						0	0.00	
(ii) for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)								
	3	3.00	6.00	0.05	2.70			
	2	6.00	6.00	0.05	3.60			
	1	3.00	6.00	0.05	0.90			
	1	10.00	6.00	0.05	3.00			
	4	1.00	6.00	0.05	1.20			
	2	2.00	6.00	0.05	1.20			
	1	5.00	6.00	0.05	1.50			
	1	30.00	6.00	0.05	9.00			
	3	2.00	6.00	0.05	1.80			
	2	10.00	6.00	0.05	6.00			
	2	6.00	6.00	0.05	3.60			
	1	10.00	6.00	0.05	3.00			
	3	3.00	6.00	0.05	2.70			
	1	20.00	6.00	0.05	6.00			
	2	10.00	6.00	0.05	6.00			
	2	3.00	6.00	0.05	1.80			
	2	3.00	6.00	0.05	1.80			
	2	30.00	6.00	0.05	18.00			
	2	20.00	6.00	0.05	12.00			
	1	10.00	3.00	0.05	1.50			
	1	3.00	3.00	0.05	0.45			
	2	5.00	3.00	0.05	1.50			
	1	25.00	3.00	0.05	3.75			
	1	20.00	3.00	0.05	3.00			
	1	10.00	5.00	0.05	2.50			
	2	5.00	3.00	0.05	1.50			
	1	30.00	3.00	0.05	4.50			
	2	6.00	3.00	0.05	1.80			
	3	4.00	3.00	0.05	1.80			
	1	30.00	3.00	0.05	4.50			
	1	20.00	3.00	0.05	3.00			
	1	15.00	3.00	0.05	2.25			
	2	15.00	3.00	0.05	4.50			
	1	25.00	3.00	0.05	3.75			
	2	10.00	3.00	0.05	3.00			
rikshaw mohalla 36-37	2	15.00	4.00	0.05	6.00			
	1	30.00	4.00	0.05	6.00			
	2	20.00	4.00	0.05	8.00			
	2	12.00	4.00	0.05	4.80			
	5	4.00	4.00	0.05	4.00			
	1	20.00	3.00	0.05	3.00			

ITEM DESCRIPTION		N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		2	10.00	3.00	0.05	3.00			
		2	15.00	3.00	0.05	4.50			
		1	10.00	3.00	0.05	1.50			
		1	20.00	3.00	0.05	3.00			
		5	4.00	3.00	0.05	3.00			
		2	10.00	3.00	0.05	3.00			
		4	3.00	3.00	0.05	1.80			
		3	5.00	3.00	0.05	2.25			
		1	19.00	3.00	0.05	2.85			
		5	3.00	3.00	0.05	2.25			
		1	10.00	3.00	0.05	1.50			
		1	15.00	3.00	0.05	2.25			
		4	4.00	3.00	0.05	2.40			
		3	5.00	3.00	0.05	2.25			
		3	10.00	3.00	0.05	4.50			
		1	20.00	3.00	0.05	3.00			
		1	16.00	3.00	0.05	2.40			
		1	12.00	3.00	0.05	1.80			
		1	23.00	3.00	0.05	3.45			
		1	18.00	3.00	0.05	2.70			
		1	20.00	3.00	0.05	3.00			
		2	10.00	3.00	0.05	3.00			
						<b>Total</b>	220.30	Cum	6255.00
7	5.8	Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508)							
	ii.	With mechanical paver finisher							
	A	With bitumen							
	ii)	Type B ( 13.2 mm to 0.09 mm size aggregates )							

ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	3	3.00	6.00		54.00			
	2	6.00	6.00		72.00			
	1	3.00	6.00		18.00			
	1	10.00	6.00		60.00			
	4	1.00	6.00		24.00			
	2	2.00	6.00		24.00			
	1	5.00	6.00		30.00			
	1	30.00	6.00		180.00			
	3	2.00	6.00		36.00			
	2	10.00	6.00		120.00			
	2	6.00	6.00		72.00			
	1	10.00	6.00		60.00			
	3	3.00	6.00		54.00			
	1	20.00	6.00		120.00			
	2	10.00	6.00		120.00			
	2	3.00	6.00		36.00			
	2	3.00	6.00		36.00			
	2	30.00	6.00		360.00			
	2	20.00	6.00		240.00			
	1	10.00	3.00		30.00			
	1	3.00	3.00		9.00			
	2	5.00	3.00		30.00			
	1	25.00	3.00		75.00			
	1	20.00	3.00		60.00			
	1	10.00	5.00		50.00			
	2	5.00	3.00		30.00			
	1	30.00	3.00		90.00			
	2	6.00	3.00		36.00			
	3	4.00	3.00		36.00			
	1	30.00	3.00		90.00			
	1	20.00	3.00		60.00			
	1	15.00	3.00		45.00			
	2	15.00	3.00		90.00			
	1	25.00	3.00		75.00			
	2	10.00	3.00		60.00			
rikshaw mohalla 36-37	2	15.00	4.00		120.00			
	1	30.00	4.00		120.00			
	2	20.00	4.00		160.00			
	2	12.00	4.00		96.00			
	5	4.00	4.00		80.00			
	1	20.00	3.00		60.00			
	2	10.00	3.00		60.00			
	2	15.00	3.00		90.00			
	1	10.00	3.00		30.00			
	1	20.00	3.00		60.00			
	5	4.00	3.00		60.00			
	2	10.00	3.00		60.00			
	4	3.00	3.00		36.00			
	3	5.00	3.00		45.00			

ITEM DESCRIPTION		N	L	B	HD	QTY	UNIT	RATE	AMOUNT
		1	19.00	3.00		57.00			
		5	9.00	3.00		45.00			
		1	10.00	3.00		30.00			
		1	15.00	3.00		45.00			
		4	4.00	3.00		48.00			
		3	5.00	3.00		45.00			
		3	10.00	3.00		90.00			
		1	20.00	3.00		60.00			
		1	16.00	3.00		48.00			
		1	12.00	3.00		36.00			
		1	23.00	3.00		69.00			
		1	18.00	3.00		54.00			
		1	20.00	3.00		60.00			
		2	10.00	3.00		60.00			
<b>Total</b>						4406.00	Sqm	146.00	643276.00
8	4.13	Construction of Shoulders (Construction of shoulders as per clause 408 with selected soil from borrow pits / borrow areas having CBR not less than 12 and shall have L.L. and P.I. not more than 25% and 6% respectively, inclusive of all leads and lifts, including clearing and scrapping of existing surface, providing required cross fall, compacting, watering rolling and royalty charges etc. complete.							
	B	With smooth wheeled roller							
		2	1000.00	0.90	0.15	270.00			
<b>Total</b>						270.00	Cum	277.00	74790.00

As per Estimate Amount Rs. 2720930.45  
Say Rs.

*gilerp*  
S/E  
Nagar Palik Nigam  
Korba(C.G.)

*[Signature]*  
A.E.  
Nagar palik Nigam  
korba(C.G.)

**OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)**  
**DETAILED ESTIMATE**

Work:- Patch Repairing of Bitumen Road At Various Places Under Ward No. 23

rates public works department[PWD ROAD-01-01-2015]

Sl. No.	DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT
	Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3								
		2*3	7.20	3.80		164.16			
		5*2	3.60	3.40		122.40			
		2*5	4.60	2.80		128.80			
						415.36	sqm	23.00	9553.28
10.8	Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area)								
		2	2000.00	2.00		8000.00			
						0.800	Hectare	13438.00	10750.40
5.19	Providing and laying leveling course / profile corrective course with bituminous macadam With minimum 40-60 TPH capacity hot mix plant using crushed aggregates of Grading-1 premixed with bituminous binder @ 3.1% transported to site and laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clause-501.6 and 501.7 to achieve the desired compaction complete in all respect and as per relevant clause section 500								
		2*3	7.20	3.80	0.05	8.21			
		5*2	3.60	3.40	0.05	6.12			
		2*5	4.60	2.80	0.05	6.44			
						20.77	cum	5432.00	112811.78
6	5.3 Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)								
	B With mechanical paver finisher								
	(ii) for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)								
	Near HIG 1 To 18	4*2	7.00	3.60	0.05	10.08			
	Near MIG 73 To 117	8*2	2.50	3.60	0.05	7.20			
	Near MIG 135 To 143	1	14.70	3.60	0.05	2.65			
		2*7	8.00	2.20	0.05	12.32			
	Near Plot No. 40 To MIG I-50	4*2	8.00	2.80	0.05	8.96			

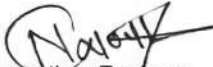


		Near MIG I-50 To MIG I-42	2*7	2.00	3.20	0.05	4.48			
		Near MIG 86 To MIG 104	2*9	6.00	3.20	0.05	17.28			
		Near MIG 108 To 153	11	4.00	3.00	0.05	6.60			
		Near MIG 152 To 145	2	10.50	3.20	0.05	3.36			
		Near mig 24 To 15	6*9	2.20	1.80	0.05	10.69			
		Near LIG 23	7*2	4.60	2.60	0.05	8.37			
		Near LIG 81 To 92	5*5	3.20	2.80	0.05	11.20			
		Near 135 To 142	4*2	8.20	3.60	0.05	11.81			
		Near 143 To 146	2*5	8.70	4.00	0.05	17.40			
		Near Sent Palloti School	2*5*2	4.30	3.60	0.05	15.48			
		Near Rathore Street	2*4	4.70	3.80	0.05	7.14			
		Near Kankalin Mandir	4*3	5.20	3.60	0.05	11.23			
		Turning	10	7.20	5.00	0.05	18.00			
							Total=	184.25	Cum	6255.00
3	5.1	Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503								
		Bituminous surface @ 0.25 kg /Sqm								
		Near HIG 1 To 18	4*2	7.00	3.60			201.60		
		Near MIG 73 To 117	8*2	2.50	3.60			144.00		
		Near MIG 135 To 143	1	14.70	3.60			52.92		
			2*7	8.00	2.20			246.40		
		Near Plot No. 40 To MIG I-50	4*2	8.00	2.80			179.20		
		Near MIG I-50 To MIG I-42	2*7	2.00	3.20			89.60		
		Near MIG 86 To MIG 104	2*9	6.00	3.20			345.60		
		Near MIG 108 To 153	11	4.00	3.00			132.00		
		Near MIG 152 To 145	2	10.50	3.20			67.20		
		Near mig 24 To 15	6*9	2.20	1.80			213.84		
		Near LIG 23	7*2	4.60	2.60			167.44		
		Near LIG 81 To 92	5*5	3.20	2.80			224.00		
		Near 135 To 142	4*2	8.20	3.60			236.16		
		Near 143 To 146	2*5	8.70	4.00			348.00		
		Near Sent Palloti School	2*5*2	4.30	3.60			309.60		
		Near Rathore Street	2*4	8.80	3.80			267.52		
		Near Kankalin Mandir	4*3	7.20	3.60			311.04		
		Near Parsad House	5*2	7.20	3.20			230.40		
		Turning	10	7.20	5.00			360.00		
		Tack Coat For LBM								
			2*3	7.20	3.80			164.16		
			5*2	3.60	3.40			122.40		
			2*5	4.60	2.80			128.80		
							total=	4541.88	sqm	15.00
7	5.5	Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508)								
		II. With mechanical paver finisher								
		ii) Type B ( 13.2 mm to 0.09 mm size aggregates )								


To 18	4*2	7.00	3.60		201.60			
G 73 To 117	8*2	2.50	3.60		144.00			
MIG 135 To 143	1	14.70	3.60		52.92			
Plot No. 40 To MIG I-50	2*7	8.00	2.20		246.40			
Near MIG I-50 To MIG I-42	4*2	8.00	2.80		179.20			
Near MIG 86 To MIG 104	2*7	2.00	3.20		89.60			
Near MIG 108 To 153	2*9	6.00	3.20		345.60			
Near MIG 152 To 145	11	4.00	3.00		132.00			
Near mig 24 To 15	2	10.50	3.20		67.20			
Near LIG 23	6*9	2.20	1.80		213.84			
Near LIG 81 To 92	7*2	4.60	2.60		167.44			
Near 135 To 142	5*5	3.20	2.80		224.00			
Near 143 To 146	4*2	8.20	3.60		236.16			
Near Sent Palloti School	2*5	8.70	4.00		348.00			
Near Rathore Street	2*5*2	4.30	3.60		309.60			
Near Kankalin Mandir	2*4	8.80	3.80		267.52			
Near Parsad House	4*3	7.20	3.60		311.04			
Turning	5*2	7.20	3.20		230.40			
	10	7.20	5.00		360.00			
					Total= 4126.52	Sqm	146.00	602471.92

Total 1956224.35

19.57 Lakh

  
Executive Engineer  
Municipal Corporation  
Korba (C.G.)

  
Asstt. Engineer  
Municipal Corporation  
Korba (C.G.)

  
Sub Engineer  
Municipal Corporation  
Korba (C.G.)

**OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)  
DETAILED ESTIMATE**


**-Patch Repairing of Bitumen Road At Various Places Under Ward No. 24**  
public works department[PWD ROAD-01-01-2015]


	DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT
	Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3								
		7*2	5.20	3.20		232.96			
						232.96	sqm	23.00	5358.08
10.8	Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area)								
		2	1000.00	1.00		2000.00			
						0.200	Hectare	13438.00	2687.60
5.19	Providing and laying leveling course / profile corrective course with bituminous macadam With minimum 40-60 TPH capacity hot mix plant using crushed aggregates of Grading-1 premixed with bituminous binder @ 3.1% transported to site and laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clause-501.6 and 501.7 to achieve the desired compaction complete in all respect and as per relevant clause section 500								
		7*2	5.20	3.20	0.05	11.65			
						11.65	cum	5432.00	63271.94
6	5.3 Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)								
	B With mechanical paver finisher								
	(ii) for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)								
	Near EWS 50 To MIG I -110	4*2*2	5.60	2.20	0.05	9.86			
	Near Shiv Mandir	4*2	9.60	2.80	0.05	10.75			
	Near MIG I- 116 To MIG I - 73	2*7	4.60	3.20	0.05	10.30			
	Near MIG 105	2*5	7.20	1.80	0.05	6.48			
	Near LIG 07 To MIG II - 10	2*4	10.20	3.80	0.05	15.50			
	Near Transformer	7*2	5.20	2.40	0.05	8.74			
	Near Gogi Class Road	2*5	8.40	1.60	0.05	6.72			
	Near Parsad House Road	5*2*4	2.20	2.00	0.05	8.80			
	Near Atal Awas Samudayik Bhawan	4*2	5.20	3.20	0.05	6.66			
	Near EWS Houses	7	4.70	3.80	0.05	6.25			
	Turning	5*2	7.00	5.00	0.05	17.50			
					Total=	107.56	Cum	6255.00	672781.55


		Providing and applying tack coat with bitumen (S-1, grade conforming to IS:8887) using pressure distributor on the prepared continuous/granular surface cleaned with mechanical broom and as per clause 503											
		Continuous surface @ 0.25 kg /Sqm											
		Near EWS 50 To MIG I -110	4*2*2	5.60	2.20				197.12				
		Near Shiv Mandir	4*2	9.60	2.80				215.04				
		Near MIG I- 116 To MIG I - 73	2*7	4.60	3.20				206.08				
		Near MIG 105	2*5	7.20	1.80				129.60				
		Near LIG 07 To MIG II - 10	2*4	10.20	3.80				310.08				
		Near Transformer	7*2	5.20	2.40				174.72				
		Near Gogi Class Road	2*5	8.40	1.60				134.40				
		Near Parsad House Road	5*2*4	2.20	2.00				176.00				
		Near Atal Awas Samudayik Bhawan	4*2	5.20	3.20				133.12				
		Near EWS Houses	7	4.70	3.80				125.02				
		Near Garden	2*5*2	5.20	2.60				270.40				
		Near Bus Stop	5*2	3.20	2.30				73.60				
		Near Samudayik Bhawan	2*2*2	4.60	3.20				117.76				
		Turning	5*2	7.00	5.00				350.00				
		Tack Coat For LBM											
			7*2	5.20	3.20				232.96				
								total=	2845.90	sqm	15.00	42688.50	
7	5.5	Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508)											
		II. With mechanical paver finisher											
		ii) Type B ( 13.2 mm to 0.09 mm size aggregates )											
		Near EWS 50 To MIG I -110	4*2*2	5.60	2.20				197.12				
		Near Shiv Mandir	4*2	9.60	2.80				215.04				
		Near MIG I- 116 To MIG I - 73	2*7	4.60	3.20				206.08				
		Near MIG 105	2*5	7.20	1.80				129.60				
		Near LIG 07 To MIG II - 10	2*4	10.20	3.80				310.08				
		Near Transformer	7*2	5.20	2.40				174.72				
		Near Gogi Class Road	2*5	8.40	1.60				134.40				
		Near Parsad House Road	5*2*4	2.20	2.00				176.00				
		Near Atal Awas Samudayik Bhawan	4*2	5.20	3.20				133.12				
		Near EWS Houses	7	4.70	3.80				125.02				
		Turning	5*2	7.00	5.00				350.00				
		Near Garden	2*5*2	5.20	2.60				270.40				
		Near Bus Stop	5*2	3.20	2.30				73.60				
		Near Samudayik Bhawan	2*2*2	4.60	3.20				117.76				
								Total=	2612.94	Sqm	146.00	381489.24	

Total 1168276.90

11.69 Lakh

  
Executive Engineer  
Municipal Corporation  
Korba (C.G.)

  
Asstt. Engineer  
Municipal Corporation  
Korba (C.G.)

  
Sub Engineer  
Municipal Corporation  
Korba (C.G.)



**OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)**  
**DETAILED ESTIMATE**

Work:- Patch Repairing of Bitumen Road At Nehru Nagar Under Ward No. 25

of rates public works department[PWD ROAD-01-01-2015]

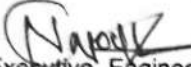
SOR Ref.	DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3								
	Near 40 HP Building To Plot No. 93	3*2	7.20	3.20		138.24			
	Near Sr. MIG 47 To 25	2*2*4	5.40	2.60		224.64			
						362.88	sqm	23.00	8346.24
10.8	Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area)								
		2	1240.00	2.00		4960.00			
						0.496	Hectare	13438.00	6665.25
5.19	Providing and laying leveling course / profile corrective course with bituminous macadam With minimum 40-60 TPH capacity hot mix plant using crushed aggregates of Grading-1 premixed with bituminous binder @ 3.1% transported to site and laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clause-501.6 and 501.7 to achieve the desired compaction complete in all respect and as per relevant clause section 500								
	Near 40 HP Building To Plot No. 93	3*2	7.20	3.20	0.05	6.91			
	Near Sr. MIG 47 To 25	2*2*4	5.40	3.60	0.05	15.55			
						22.46	cum	5432.00	122024.45
6	5.3 Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)								
	B With mechanical paver finisher								
	(ii) for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)								
	Near 40 HP Building To Plot No. 93	3*3*3	5.20	3.80	0.05	26.68			
	Near Plot No. 92 To 89	2*5	3.20	2.80	0.05	4.48			
	Near Plot No. 80 To Sr. MIG 47	5*2	7.00	2.60	0.05	9.10			
	Near Sr. MIG 79 To 75	2*7	4.60	2.00	0.05	6.44			
	Near Sr. MIG 68 To 65	3*3	6.90	2.20	0.05	6.83			



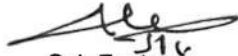
		HIG 08 To Garden	2*2*2	9.20	3.20	0.05	11.78			
		To Sr.MIG 25	2*5*2	3.20	2.80	0.05	8.96			
		Near Sr. MIG 47 To 25	5*2*2	7.20	2.80	0.05	20.16			
		Near Sr. MIG 12 To 01	2*4	9.70	3.00	0.05	11.64			
		Near Sr. MIG 53 To 60	2*5*2	11.20	3.20	0.05	35.84			
		Near Sr. MIG 53 To HIG 01	2*7	7.70	3.60	0.05	19.40			
		Turning	10	7.00	5.00	0.05	17.50			
							Total=	178.81	Cum	6255.00
3	5.1	Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade conforming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503								
		Bituminous surface @ 0.25 kg /Sqm								
		Near 40 HP Building To Plot No. 93	3*3*3	5.20	3.80		533.52			
		Near Plot No. 92 To 89	2*5	3.20	2.80		89.60			
		Near Plot No. 80 To Sr. MIG 47	5*2	7.00	2.60		182.00			
		Near Sr. MIG 79 To 75	2*7	4.60	2.00		128.80			
		Near Sr. MIG 68 To 65	3*3	6.90	2.20		136.62			
		Near HIG 08 To Garden	2*2*2	9.20	3.20		235.52			
		HIG 01 To Sr.MIG 25	2*5*2	3.20	2.80		179.20			
		Near Sr. MIG 47 To 25	5*2*2	7.20	2.80		403.20			
		Near Sr. MIG 12 To 01	2*4	9.70	3.00		232.80			
		Near Sr. MIG 53 To 60	2*5*2	11.20	3.20		716.80			
		Near Sr. MIG 53 To HIG 01	2*7	7.70	3.60		388.08			
		Near Jain Mandir Complex Road	2*5*2	4.30	3.00		258.00			
		Turning	10	7.00	5.00		350.00			
		Tack Coat For LBM								
			3*2	7.20	3.20		138.24			
			2*2*4	5.40	3.60		311.04			
							total=	4283.42	sqm	15.00
7	5.5	Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508)								
		II. With mechanical paver finisher								
		ii) Type B ( 13.2 mm to 0.09 mm size aggregates )								
		Near 40 HP Building To Plot No. 93	3*3*3	5.20	3.80		533.52			
		Near Plot No. 92 To 89	2*5	3.20	2.80		89.60			
		Near Plot No. 80 To Sr. MIG 47	5*2	7.00	2.60		182.00			
		Near Sr. MIG 79 To 75	2*7	4.60	2.00		128.80			
		Near Sr. MIG 68 To 65	3*3	6.90	2.20		136.62			
		Near HIG 08 To Garden	2*2*2	9.20	3.20		235.52			
		HIG 01 To Sr.MIG 25	2*5*2	3.20	2.80		179.20			
		Near Sr. MIG 47 To 25	5*2*2	7.20	2.80		403.20			

S 12 To 01	2*4	9.70	3.00		232.80			
MIG 53 To 60	2*5*2	11.20	3.20		716.80			
MIG 53 To HIG 01	2*7	7.70	3.60		388.08			
Jain Mandir Complex Road	2*5*2	4.30	3.00		258.00			
ing	10	7.00	5.00		350.00			
				Total=	3834.14	Sqm	146.00	559784.44

Total 1879509.46  
18.80 LAKH

  
Executive Engineer  
Municipal Corporation  
Korba (C.G.)

  
Asstt. Engineer  
Municipal Corporation  
Korba (C.G.)

  
Sub Engineer  
Municipal Corporation  
Korba (C.G.)

**OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)**  
**DETAILED ESTIMATE**

Work:- Patch Repairing of Bitumen Road At Various Places Under Ward No. 26 & 30

Rate of rates public works department [PWD ROAD-01-01-2015]

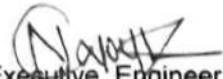
No.	SOR Ref.	DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1		Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and								
			2*7*2	4.60	3.20		412.16			
			2*5*2	5.20	2.20		228.80			
							640.96	sqm	23.00	14742.08
	10.8	Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area)								
			2	1000.00	1.00		2000.00			
							0.200	Hectare	13438.00	2687.60
	5.19	Providing and laying leveling course / profile corrective course with bituminous macadam With minimum 40-60 TPH capacity hot mix plant using crushed aggregates of Grading-1 premixed with bituminous binder @ 3.1% transported to site and laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clause-501.6 and 501.7 to achieve the								
			2*7*2	4.60	3.20	0.05	20.61			
			2*5*2	5.20	2.20	0.05	11.44			
							32.05	cum	5432.00	174084.74
6	5.3	Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and								
		B With mechanical paver finisher								
		(ii) for Grading-II (19 mm nominal maximum size, bitumen content 3.40%)								
		Near KaliBadi Mandir	5*2*2	6.40	4.80	0.05	30.72			


		Near GhantaGhar Turning Chowk	2*2	5.60	4.30	0.05	4.82			
		Near Mudapar Bazar	2*5*2	6.80	3.20	0.05	21.76			
		Near Hanuman Mandir	2*7*2	7.20	2.40	0.05	24.19			
		Near KaliBadi Mandir To Mudapar	2*5	3.20	2.20	0.05	3.52			
		Near little lamp School	2*5	4.60	3.20	0.05	7.36			
		Near DelwaDih Road	3*2	6.40	3.00	0.05	5.76			
		Near Manipur Garden	2*2*7	5.40	2.80	0.05	21.17			
							Total=	119.30	Cum	6255.00
3	5.1	Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface								
		Bituminous surface @ 0.25 kg /Sqm								
		Near KaliBadi Mandir	5*2*2	6.40	4.80		614.40			
		Near GhantaGhar Turning Chowk	2*2	5.60	4.30		96.32			
		Near Mudapar Bazar	2*5*2	6.80	3.20		435.20			
		Near Hanuman Mandir	2*7*2	7.20	2.40		483.84			
		Near KaliBadi Mandir To Mudapar	2*5	3.20	2.20		70.40			
		Near little lamp School	2*5	4.60	3.20		147.20			
		Near DelwaDih Road	3*2	6.40	3.00		115.20			
		Near Manikpur Bazar	5*2	3.60	2.20		79.20			
		Near Manipur Garden	2*2*7	5.40	2.80		423.36			
		Tack Coat For LBM								
			2*7*2	4.60	3.20		412.16			
			2*5*2	5.20	2.20		228.80			
							total=	3106.08	sqm	15.00
7	5.5	Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause								
		ii. With mechanical paver finisher								
		ii) Type B ( 13.2 mm to 0.09 mm size aggregates )								
		Near KaliBadi Mandir	5*2*2	6.40	4.80		614.40			
		Near GhantaGhar Turning Chowk	2*2	5.60	4.30		96.32			
		Near Mudapar Bazar	2*5*2	6.80	3.20		435.20			
		Near Hanuman Mandir	2*7*2	7.20	2.40		483.84			
		Near KaliBadi Mandir To Mudapar	2*5	3.20	2.20		70.40			
		Near little lamp School	2*5	4.60	3.20		147.20			
		Near DelwaDih Road	3*2	6.40	3.00		115.20			
		Near Manikpur Bazar	5*2	3.60	2.20		79.20			


Manipur Garden	2*2*7	5.40	2.80		423.36			
				Total=	2465.12	Sqm	146.00	359907.52

**Total 1344209.62**

**13.45 Lakh**

  
 Executive Engineer  
 Municipal Corporation  
 Korba (C.G.)

  
 Asstt. Engineer  
 Municipal Corporation  
 Korba (C.G.)

  
 Sub Engineer  
 Municipal Corporation  
 Korba (C.G.)



# OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

## ESTIMATE

Name of work - Repair and Maintenance of Patches of BT Road At Darri zone area  
 Schedule of rates public works department [PWD ROAD-01-01-2015]

S. N.	Item No.	ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
1	3.11	Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3								
		<b>ward 45 sahimudi</b> ✓	1	20.00	2.50		50.00			
		infront of shashi sahu house	3	1.20	2.60		9.36			
			1	22.00	2.80		61.60			
			15	0.90	0.90		12.15			
		<b>ward 46 Ayodhyapuri</b> ✓	1	250.00	3.00		750.00			
			2	12.00	2.80		67.20			
			1	15.60	3.00		46.80			
			1	35.00	3.20		112.00			
			1	18.50	3.30		61.05			
			1	41.00	3.30		135.30			
			1	13.00	2.90		37.70			
			1	17.00	2.80		47.60			
			1	18.00	3.80		68.40			
		<b>ayodhyapuri Bhatapara Road</b>	1	7.50	3.70		27.75			
			1	3.30	1.50		4.95			
			1	32.00	3.00		96.00			
			1	16.00	2.80		44.80			
			35	1.20	0.90		37.80			
		<b>Ward47 Semipali chauk</b> ✓	1	10.00	5.00		50.00			
		<b>kumgari basti road</b>	1	22.00	3.00		66.00			
			1	28.00	3.20		89.60			
			1	32.00	3.30		105.60			
			1	18.00	3.20		57.60			
			1	9.00	3.20		28.80			
			1	23.00	3.00		69.00			
			1	6.00	3.00		18.00			
			1	15.00	3.60		54.00			
			1	35.00	3.20		112.00			
			1	30.00	3.50		105.00			
			1	16.00	3.30		52.80			
			1	32.00	3.60		115.20			
			36	0.90	0.60		19.44			
		<b>ward 51 Sada Colony ( Infront of vidya book depo)</b> ✓	1	30.00	3.40		102.00			
		infront of HIG- 255	1	15.00	3.50		52.50			
			1	5.00	3.50		17.50			
			1	13.00	3.60		46.80			
		infront of bhagwati Bazar	1	22.00	3.50		77.00			
			1	11.00	3.20		35.20			
		infront of urmila medico	1	11.00	3.30		36.30			

ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
	1	10.00	3.20		32.00			
Infront of IOCL Gate	2	24.00	3.30		158.40			
	1	6.00	3.40		20.40			
Infront of Sumit Travels	1	7.00	7.90		55.30			
infront of UcoBank	2	15.00	3.50		105.00			
	2	9.00	3.50		63.00			
Near NTPC Gate	1	18.00	3.60		64.80			
	2	11.00	3.00		66.00			
Near Rajyog Kendra	10	1.50	3.20		48.00			
	1	8.00	2.50		20.00			
Infront of Narayani Coaching centre	1	12.00	3.00		36.00			
	1	8.00	2.50		20.00			
Infront of SBI colony H-2	1	19.00	3.00		57.00			
	1	8.00	3.00		24.00			
	1	18.00	2.80		50.40			
Infront of HiG-33	1	21.00	3.20		67.20			
	1	29.00	3.40		98.60			
	1	45.00	3.20		144.00			
	1	5.00	3.40		17.00			
	1	10.00	3.50		35.00			
	1	4.50	3.50		15.75			
Infront of Hemant Dewangan house	1	27.00	3.60		97.20			
	1	10.00	3.50		35.00			
infront of Vishnu patel house	1	30.00	3.60		108.00			
	1	15.00	3.30		49.50			
	1	9.00	3.20		28.80			
Near ICICI ATM	1	28.00	3.20		89.60			
	1	26.00	3.40		88.40			
	1	20.00	3.50		70.00			
	1	21.00	3.20		67.20			
	1	20.00	3.30		66.00			
infront of sunil patel house	2	30.00	3.50		210.00			
<b>Ward 52 Main Road Darri to Fertilizer Basti</b>	1	22.00	3.00		66.00			
	1	9.00	2.90		26.10			
	36	0.90	2.80		90.72			
	15	1.50	3.20		72.00			
	1	11.00	3.00		33.00			
<b>Ward 48 sumedha Main Road</b>	1	30.00	2.40		72.00			
	1	16.00	3.00		48.00			
	1	30.00	2.90		87.00			
	1	28.00	3.20		89.60			
	1	12.00	3.20		38.40			
	1	15.00	3.10		46.50			
	1	10.00	3.20		32.00			
	1	30.00	3.00		90.00			
	1	11.00	3.20		35.20			
	1	23.00	3.10		71.30			
<b>Salihabhata basti</b>	1	13.00	2.40		31.20			
	1	16.00	2.30		36.80			
	1	28.00	2.90		81.20			

ITEM DESCRIPTION		N	L	W	D	QTY	UNIT	RATE	AMOUNT	
		1	30.00	2.80		84.00				
		1	5.00	2.90		14.50				
		1	9.00	2.80		25.20				
		2	30.00	3.00		180.00				
	<b>Salihabhata Railway Track</b>	2	27.00	3.20		172.80				
		4	30.00	3.00		360.00				
		10	2.50	1.50		37.50				
		2	15.00	1.50		45.00				
		8	5.00	3.00		120.00				
		2	20.00	3.20		128.00				
						7302.37	sqm	23.00	167954.51	
2	2.2	2.2 Clearing Grass and Removal of Rubbish (clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area)								
						0.65	hect	13438.00	8734.7	
3	3.4	Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.								
	<b>ward 45 sahimudi</b>	1	20.00	3.20	0.15	9.60				
	infront of shashi sahu house	3	1.20	3.20	0.15	1.73				
		1	22.00	3.20	0.15	10.56				
		15	0.90	0.90	0.15	1.82				
	<b>ward 46 Ayodhyapuri</b>	2	12.00	3.30	0.15	11.88				
		1	15.60	3.30	0.15	7.72				
		1	35.00	3.30	0.15	17.33				
		1	18.50	3.30	0.15	9.16				
		1	41.00	3.30	0.15	20.30				
		1	13.00	3.30	0.15	6.44				
		1	17.00	3.30	0.15	8.42				
		1	18.00	5.00	0.15	13.50				
	ayodhyapuri Bhatapara Road	1	7.50	5.00	0.15	5.63				
		1	3.30	1.50	0.15	0.74				
		1	32.00	3.30	0.15	15.84				
		1	16.00	3.30	0.15	7.92				
		35	1.20	0.90	0.15	5.67				
	<b>Ward47 Semipali chauk</b>	1	10.00	6.00	0.15	9.00				
	kumgari basti road	1	22.00	3.60	0.15	11.88				
		1	28.00	3.60	0.15	15.12				
		1	32.00	3.60	0.15	17.28				
		1	18.00	3.60	0.15	9.72				
		1	9.00	3.60	0.15	4.86				
		1	23.00	3.60	0.15	12.42				
		1	6.00	3.60	0.15	3.24				
		1	15.00	3.60	0.15	8.10				
		1	35.00	3.60	0.15	18.90				



ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
	1	30.00	3.60	0.15	16.20			
	1	16.00	3.60	0.15	8.64			
	1	32.00	3.60	0.15	17.28			
	36	0.90	0.60	0.15	2.92			
<b>ward 51 Sada Colony ( Infront of vidya book depo)</b>	1	30.00	3.60	0.15	16.20			
infront of HIG- 255	1	15.00	3.60	0.15	8.10			
	1	5.00	3.60	0.15	2.70			
	1	13.00	3.60	0.15	7.02			
infront of bhagwati Bazar	1	22.00	3.60	0.15	11.88			
	1	11.00	3.60	0.15	5.94			
infront of urmila medico	1	11.00	3.60	0.15	5.94			
	1	10.00	3.60	0.15	5.40			
Infront of IOCL Gate	2	24.00	3.60	0.15	25.92			
	1	6.00	3.60	0.15	3.24			
Infront of Sumit Travels	1	7.00	9.00	0.15	9.45			
infront of UcoBank	2	15.00	3.60	0.15	16.20			
	2	9.00	3.60	0.15	9.72			
Near NTPC Gate	1	18.00	3.60	0.15	9.72			
	2	11.00	3.60	0.15	11.88			
Near Rajyog Kendra	10	1.50	3.60	0.15	8.10			
	1	8.00	2.50	0.15	3.00			
Infront of Narayani Coaching centre	1	12.00	3.20	0.15	5.76			
	1	8.00	2.50	0.15	3.00			
Infront of SBI colony H-2	1	19.00	3.20	0.15	9.12			
	1	8.00	3.20	0.15	3.84			
	1	18.00	3.20	0.15	8.64			
Infront of HIG-33	1	21.00	3.60	0.15	11.34			
	1	29.00	3.60	0.15	15.66			
	1	45.00	3.60	0.15	24.30			
	1	5.00	3.60	0.15	2.70			
	1	10.00	3.60	0.15	5.40			
	1	4.50	3.60	0.15	2.43			
infront of Hemant Dewangan house	1	27.00	3.60	0.15	14.58			
	1	10.00	3.60	0.15	5.40			
infront of Vishnu patel house	1	30.00	3.60	0.15	16.20			
	1	15.00	3.60	0.15	8.10			
	1	9.00	3.60	0.15	4.86			
Near ICICI ATM	1	28.00	3.60	0.15	15.12			
	1	26.00	3.60	0.15	14.04			
	1	20.00	3.60	0.15	10.80			
	1	21.00	3.50	0.15	11.03			
	1	20.00	3.50	0.15	10.50			
infront of sunil patel house	2	30.00	3.50	0.15	31.50			
<b>Ward 52 Main Road Darri to Fertilizer Basti</b>	1	22.00	3.20	0.15	10.56			
	1	9.00	3.20	0.15	4.32			
	36	0.90	3.20	0.15	15.55			
	15	1.50	3.20	0.15	10.80			
	1	11.00	3.20	0.15	5.28			
<b>Ward 48 sumedha Main Road</b>	1	30.00	2.50	0.15	11.25			

ITEM DESCRIPTION		N	L	W	D	QTY	UNIT	RATE	AMOUNT
		1	16.00	3.30	0.15	7.92			
		1	30.00	3.30	0.15	14.85			
		1	28.00	3.30	0.15	13.86			
		1	12.00	3.30	0.15	5.94			
		1	15.00	3.30	0.15	7.43			
		1	10.00	3.30	0.15	4.95			
		1	30.00	3.30	0.15	14.85			
		1	11.00	3.30	0.15	5.45			
		1	23.00	3.30	0.15	11.39			
	<b>Salihabhata basti</b>	1	13.00	2.50	0.15	4.88			
		1	16.00	2.50	0.15	6.00			
		1	28.00	3.00	0.15	12.60			
		1	30.00	3.00	0.15	13.50			
		1	5.00	3.00	0.15	2.25			
		1	9.00	3.00	0.15	4.05			
		2	30.00	3.00	0.15	27.00			
	<b>Salihabhata Railway Track</b>	2	27.00	3.20	0.15	25.92			
		4	30.00	3.20	0.15	57.60			
		10	2.50	1.50	0.15	5.63			
		2	15.00	1.50	0.15	6.75			
		8	5.00	3.20	0.15	19.20			
		2	20.00	3.20	0.15	19.20			
					Total	1053.48	cum	95.00	100080.1725
4	4.1	Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.)							
	<b>ward 45 sahimudi</b>	1	20.00	3.20	0.15	9.60			
	infront of shashi sahu house	3	1.20	3.20	0.15	1.73			
		1	22.00	3.20	0.15	10.56			
		15	0.90	0.90	0.15	1.82			
	<b>ward 46 Ayodhyapuri</b>	1	250.00	4.00	0.20	200.00			
		2	12.00	3.30	0.15	11.88			
		1	15.60	3.30	0.15	7.72			
		1	35.00	3.30	0.15	17.33			
		1	18.50	3.30	0.15	9.16			
		1	41.00	3.30	0.15	20.30			
		1	13.00	3.30	0.15	6.44			
		1	17.00	3.30	0.15	8.42			
		1	18.00	5.00	0.15	13.50			
	<b>ayodhyapuri Bhatapara Road</b>	1	7.50	5.00	0.15	5.63			
		1	3.30	1.50	0.15	0.74			
		1	32.00	3.30	0.15	15.84			



ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
	1	16.00	3.30	0.15	7.92			
	35	1.20	0.90	0.15	5.67			
Ward 7 Semipali chauk	1	10.00	6.00	0.15	9.00			
kumgari basti road	1	22.00	3.60	0.15	11.88			
	1	28.00	3.60	0.15	15.12			
	1	32.00	3.60	0.15	17.28			
	1	18.00	3.60	0.15	9.72			
	1	9.00	3.60	0.15	4.86			
	1	23.00	3.60	0.15	12.42			
	1	6.00	3.60	0.15	3.24			
	1	15.00	3.60	0.15	8.10			
	1	35.00	3.60	0.15	18.90			
	1	30.00	3.60	0.15	16.20			
	1	16.00	3.60	0.15	8.64			
	1	32.00	3.60	0.15	17.28			
	36	0.90	0.60	0.15	2.92			
ward 51 Sada Colony ( Infront of vidya book depo)	1	30.00	3.60	0.15	16.20			
infront of HIG- 255	1	15.00	3.60	0.15	8.10			
	1	5.00	3.60	0.15	2.70			
	1	13.00	3.60	0.15	7.02			
infront of bhagwati Bazar	1	22.00	3.60	0.15	11.88			
	1	11.00	3.60	0.15	5.94			
infront of urmila medico	1	11.00	3.60	0.15	5.94			
	1	10.00	3.60	0.15	5.40			
Infront of IOCL Gate	2	24.00	3.60	0.15	25.92			
	1	6.00	3.60	0.15	3.24			
Infront of Sumit Travels	1	7.00	9.00	0.15	9.45			
infront of UcoBank	2	15.00	3.60	0.15	16.20			
	2	9.00	3.60	0.15	9.72			
Near NTPC Gate	1	18.00	3.60	0.15	9.72			
	2	11.00	3.60	0.15	11.88			
Near Rajyog Kendra	10	1.50	3.60	0.15	8.10			
	1	8.00	2.50	0.15	3.00			
Infront of Narayani Coaching centre	1	12.00	3.20	0.15	5.76			
	1	8.00	2.50	0.15	3.00			
Infront of SBI colony H-2	1	19.00	3.20	0.15	9.12			
	1	8.00	3.20	0.15	3.84			
	1	18.00	3.20	0.15	8.64			
Infront of HiG-33	1	21.00	3.60	0.15	11.34			
	1	29.00	3.60	0.15	15.66			
	1	45.00	3.60	0.15	24.30			
	1	5.00	3.60	0.15	2.70			
	1	10.00	3.60	0.15	5.40			
	1	4.50	3.60	0.15	2.43			
Infront of Hemant Dewangan house	1	27.00	3.60	0.15	14.58			
	1	10.00	3.60	0.15	5.40			
infront of Vishnu patel house	1	30.00	3.60	0.15	16.20			
	1	15.00	3.60	0.15	8.10			
	1	9.00	3.60	0.15	4.86			

ITEM DESCRIPTION		N	L	W	D	QTY	UNIT	RATE	AMOUNT
	near ICICI ATM	1	28.00	3.60	0.15	15.12			
		1	26.00	3.60	0.15	14.04			
		1	20.00	3.60	0.15	10.80			
		1	21.00	3.50	0.15	11.03			
		1	20.00	3.50	0.15	10.50			
	infront of sunil patel house	2	30.00	3.50	0.15	31.50			
	<b>Ward 52 Main Road Darri to Fertilizer Basti</b>	1	22.00	3.20	0.15	10.56			
		1	9.00	3.20	0.15	4.32			
		36	0.90	3.20	0.15	15.55			
		15	1.50	3.20	0.15	10.80			
		1	11.00	3.20	0.15	5.28			
	<b>Ward 48 sumedha Main Road</b>	1	30.00	2.50	0.15	11.25			
		1	16.00	3.30	0.15	7.92			
		1	30.00	3.30	0.15	14.85			
		1	28.00	3.30	0.15	13.86			
		1	12.00	3.30	0.15	5.94			
		1	15.00	3.30	0.15	7.43			
		1	10.00	3.30	0.15	4.95			
		1	30.00	3.30	0.15	14.85			
		1	11.00	3.30	0.15	5.45			
		1	23.00	3.30	0.15	11.39			
	<b>Salihabbata basti</b>	1	13.00	2.50	0.15	4.88			
		1	16.00	2.50	0.15	6.00			
		1	28.00	3.00	0.15	12.60			
		1	30.00	3.00	0.15	13.50			
		1	5.00	3.00	0.15	2.25			
		1	9.00	3.00	0.15	4.05			
		2	30.00	3.00	0.15	27.00			
	<b>Salihabbata Railway Track</b>	2	27.00	3.20	0.15	25.92			
		4	30.00	3.20	0.15	57.60			
		10	2.50	1.50	0.15	5.63			
		2	15.00	1.50	0.15	6.75			
		8	5.00	3.20	0.15	19.20			
		2	20.00	3.20	0.15	19.20			
						1253.48	cum	1434.00	1797483.867
5	5.1								
	5.1 Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade conforming to IS:8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502.								
	<b>ward 45 sahimudi</b>	1	20.00	3.20		64.00			
	infront of shashi sahu house	3	1.20	3.20		11.52			
		1	22.00	3.20		70.40			
		15	0.90	0.90		12.15			
	<b>ward 46 Ayodhyapuri</b>	1	250.00	3.30		825.00			
		2	12.00	3.30		79.20			
		1	15.60	3.30		51.48			
		1	35.00	3.30		115.50			

ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
	1	18.50	3.30		61.05			
	1	41.00	3.30		135.30			
	1	13.00	3.30		42.90			
	1	17.00	3.30		56.10			
	1	18.00	5.00		90.00			
ayodhyapuri Bhatapara Road	1	7.50	5.00		37.50			
	1	3.30	1.50		4.95			
	1	32.00	3.30		105.60			
	1	16.00	3.30		52.80			
	35	1.20	0.90		37.80			
Ward47 Semipali chauk	1	10.00	6.00		60.00			
kumgari basti road	1	22.00	3.60		79.20			
	1	28.00	3.60		100.80			
	1	32.00	3.60		115.20			
	1	18.00	3.60		64.80			
	1	9.00	3.60		32.40			
	1	23.00	3.60		82.80			
	1	6.00	3.60		21.60			
	1	15.00	3.60		54.00			
	1	35.00	3.60		126.00			
	1	30.00	3.60		108.00			
	1	16.00	3.60		57.60			
	1	32.00	3.60		115.20			
	36	0.90	0.60		19.44			
ward 51 Sada Colony ( Infront of vidya book depo)	1	30.00	3.60		108.00			
infront of HIG- 255	1	15.00	3.60		54.00			
	1	5.00	3.60		18.00			
	1	13.00	3.60		46.80			
infront of bhagwati Bazar	1	22.00	3.60		79.20			
	1	11.00	3.60		39.60			
infront of urmila medico	1	11.00	3.60		39.60			
	1	10.00	3.60		36.00			
Infront of IOCL Gate	2	24.00	3.60		172.80			
	1	6.00	3.60		21.60			
Infront of Sumit Travels	1	7.00	9.00		63.00			
infront of UcoBank	2	15.00	3.60		108.00			
	2	9.00	3.60		64.80			
Near NTPC Gate	1	18.00	3.60		64.80			
	2	11.00	3.60		79.20			
Near Rajyog Kendra	10	1.50	3.60		54.00			
	1	8.00	2.50		20.00			
Infront of Narayani Coaching centre	1	12.00	3.20		38.40			
	1	8.00	2.50		20.00			
Infront of SBI colony H-2	1	19.00	3.20		60.80			
	1	8.00	3.20		25.60			
	1	18.00	3.20		57.60			
Infront of HiG-33	1	21.00	3.60		75.60			
	1	29.00	3.60		104.40			
	1	45.00	3.60		162.00			
	1	5.00	3.60		18.00			

ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT	
	1	10.00	3.60		36.00				
	1	4.50	3.60		16.20				
infront of Hemant Dewangan house	1	27.00	3.60		97.20				
	1	10.00	3.60		36.00				
infront of Vishnu patel house	1	30.00	3.60		108.00				
	1	15.00	3.60		54.00				
	1	9.00	3.60		32.40				
Near ICICI ATM	1	28.00	3.60		100.80				
	1	26.00	3.60		93.60				
	1	20.00	3.60		72.00				
	1	21.00	3.50		73.50				
	1	20.00	3.50		70.00				
infront of sunil patel house	2	30.00	3.50		210.00				
<b>Ward 52 Main Road Darri to Fertilizer Basti</b>	1	22.00	3.20		70.40				
	1	9.00	3.20		28.80				
	36	0.90	3.20		103.68				
	15	1.50	3.20		72.00				
	1	11.00	3.20		35.20				
<b>Ward 48 sumedha Main Road</b>	1	30.00	2.50		75.00				
	1	16.00	3.30		52.80				
	1	30.00	3.30		99.00				
	1	28.00	3.30		92.40				
	1	12.00	3.30		39.60				
	1	15.00	3.30		49.50				
	1	10.00	3.30		33.00				
	1	30.00	3.30		99.00				
	1	11.00	3.30		36.30				
	1	23.00	3.30		75.90				
<b>Salihabhata basti</b>	1	13.00	2.50		32.50				
	1	16.00	2.50		40.00				
	1	28.00	3.00		84.00				
	1	30.00	3.00		90.00				
	1	5.00	3.00		15.00				
	1	9.00	3.00		27.00				
	2	30.00	3.00		180.00				
<b>Salihabhata Railway Track</b>	2	27.00	3.20		172.80				
	4	30.00	3.20		384.00				
	10	2.50	1.50		37.50				
	2	15.00	1.50		45.00				
	8	5.00	3.20		128.00				
	2	20.00	3.20		128.00				
					Total	7848.17	sqm	64.00	502282.88



ITEM DESCRIPTION		N	L	W	D	QTY	UNIT	RATE	AMOUNT
6	5.3								
	5. Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)								
	B With mechanical paver finisher								
	(ii) for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)								
	ward 45 sahimudi ✓	1	20.00	3.20	0.05	3.20			
	infront of shashi sahu house	3	1.20	3.20	0.05	0.58			
		1	22.00	3.20	0.05	3.52			
		15	0.90	0.90	0.05	0.61			
	ward 46 Ayodhyapuri ✓	1	250.00	3.30	0.05	41.25			
		2	12.00	3.30	0.05	3.96			
		1	15.60	3.30	0.05	2.57			
		1	35.00	3.30	0.05	5.78			
		1	18.50	3.30	0.05	3.05			
		1	41.00	3.30	0.05	6.77			
		1	13.00	3.30	0.05	2.15			
		1	17.00	3.30	0.05	2.81			
		1	18.00	5.00	0.05	4.50			
	ayodhyapuri Bhatapara Road	1	7.50	5.00	0.05	1.88			
		1	3.30	1.50	0.05	0.25			
		1	32.00	3.30	0.05	5.28			
		1	16.00	3.30	0.05	2.64			
		35	1.20	0.90	0.05	1.89			
	Ward47 Semipali chauk ✓	1	10.00	6.00	0.05	3.00			
	kumgari basti road	1	22.00	3.60	0.05	3.96			
		1	28.00	3.60	0.05	5.04			
		1	32.00	3.60	0.05	5.76			
		1	18.00	3.60	0.05	3.24			
		1	9.00	3.60	0.05	1.62			
		1	23.00	3.60	0.05	4.14			
		1	6.00	3.60	0.05	1.08			
		1	15.00	3.60	0.05	2.70			
		1	35.00	3.60	0.05	6.30			
		1	30.00	3.60	0.05	5.40			
		1	16.00	3.60	0.05	2.88			
		1	32.00	3.60	0.05	5.76			
		36	0.90	0.60	0.05	0.97			
	ward 51 Sada Colony ( Infront of vidya book depo) ✓	1	30.00	3.60	0.05	5.40			
	infront of HIG- 255	1	15.00	3.60	0.05	2.70			
		1	5.00	3.60	0.05	0.90			



ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
	1	13.00	3.60	0.05	2.34			
infront of bhagwati Bazar	1	22.00	3.60	0.05	3.96			
	1	11.00	3.60	0.05	1.98			
infront of umita medicine	1	11.00	3.60	0.05	1.98			
	1	10.00	3.60	0.05	1.80			
infront of IOC Gate	2	24.00	3.60	0.05	8.64			
	1	6.00	3.60	0.05	1.08			
infront of Sumit Travels	1	7.00	9.00	0.05	3.15			
infront of UcoBank	2	15.00	3.60	0.05	5.40			
	2	9.00	3.60	0.05	3.24			
Near NTPC Gate	1	18.00	3.60	0.05	3.24			
	2	11.00	3.60	0.05	3.96			
Near Rajyog Kendra	10	1.50	3.60	0.05	2.70			
	1	8.00	2.50	0.05	1.00			
infront of Narayani Coaching centre	1	12.00	3.20	0.05	1.92			
	1	8.00	2.50	0.05	1.00			
infront of SBI colony H-2	1	19.00	3.20	0.05	3.04			
	1	8.00	3.20	0.05	1.28			
	1	18.00	3.20	0.05	2.88			
infront of HIG-33	1	21.00	3.60	0.05	3.78			
	1	29.00	3.60	0.05	5.22			
	1	45.00	3.60	0.05	8.10			
	1	5.00	3.60	0.05	0.90			
	1	10.00	3.60	0.05	1.80			
	1	4.50	3.60	0.05	0.81			
infront of Hemant Dewangan house	1	27.00	3.60	0.05	4.86			
	1	10.00	3.60	0.05	1.80			
infront of Vishnu patel house	1	30.00	3.60	0.05	5.40			
	1	15.00	3.60	0.05	2.70			
	1	9.00	3.60	0.05	1.62			
Near IOC ATM	1	28.00	3.60	0.05	5.04			
	1	26.00	3.60	0.05	4.68			
	1	20.00	3.60	0.05	3.60			
	1	21.00	3.50	0.05	3.68			
	1	20.00	3.50	0.05	3.50			
infront of sumi patel house	2	30.00	3.50	0.05	10.50			
Ward 52 Main Road Danti to Fertilizer Bashi	1	22.00	3.20	0.05	3.52			
	1	9.00	3.20	0.05	1.44			
	36	0.90	3.20	0.05	5.18			
	15	1.50	3.20	0.05	3.60			
	1	11.00	3.20	0.05	1.76			
Ward 48 nemotha Main Road	1	30.00	3.30	0.05	3.75			
	1	18.00	3.30	0.05	2.98			
	1	30.00	3.30	0.05	4.35			
	1	28.00	3.30	0.05	4.62			
	1	12.00	3.30	0.05	1.98			
	1	15.00	3.30	0.05	2.48			
	1	10.00	3.30	0.05	1.65			
	1	30.00	3.30	0.05	4.95			
	1	11.00	3.30	0.05	1.82			

ITEM DESCRIPTION		N	L	W	D	QTY	UNIT	RATE	AMOUNT
		1	23.00	3.30	0.05	3.80			
	Salihabhata basti	1	13.00	2.50	0.05	1.63			
		1	16.00	2.50	0.05	2.00			
		1	28.00	3.00	0.05	4.20			
		1	30.00	3.00	0.05	4.50			
		1	5.00	3.00	0.05	0.75			
		1	9.00	3.00	0.05	1.35			
		2	30.00	3.00	0.05	9.00			
	Salihabhata Railway Track	2	27.00	3.20	0.05	8.64			
		4	30.00	3.20	0.05	19.20			
		10	2.50	1.50	0.05	1.88			
		2	15.00	1.50	0.05	2.25			
		8	5.00	3.20	0.05	6.40			
		2	20.00	3.20	0.05	6.40			
						Total	392.41	cum	6255.00
									2454515.168
7	5.2	5.2 Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.							
		(i) Bituminous surface @ 0.25 kg /Sqm							
	ward 45 sahimudi	1	22.00	3.20		70.40			
	infront of shashi sahu house	3	1.20	3.20		11.52			
		1	24.00	3.20		76.80			
		15	0.90	0.90		12.15			
	ward 46 Ayodhyapuri	1	255.00	3.30		841.50			
		2	12.00	3.30		79.20			
		1	17.60	3.30		58.08			
		1	37.00	3.30		122.10			
		1	18.50	3.30		61.05			
		1	43.00	3.30		141.90			
		1	15.00	3.30		49.50			
		1	19.00	3.30		62.70			
		1	20.00	5.00		100.00			
	ayodhyapuri Bhatapara Road	1	7.50	5.00		37.50			
		1	3.30	1.50		4.95			
		1	34.00	3.30		112.20			
		1	18.00	3.30		59.40			
		35	1.20	0.90		37.80			
	Ward47 Semipali chauk	1	12.00	6.00		72.00			
	kumgari basti road	1	24.00	3.60		86.40			
		1	30.00	3.60		108.00			
		1	34.00	3.60		122.40			
		1	20.00	3.60		72.00			
		1	9.00	3.60		32.40			
		1	25.00	3.60		90.00			
		1	6.00	3.60		21.60			
		1	17.00	3.60		61.20			
		1	37.00	3.60		133.20			
		1	32.00	3.60		115.20			

ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
	1	18.00	3.60		64.80			
	1	34.00	3.60		122.40			
	36	0.90	0.60		19.44			
<b>ward 51 Sada Colony ( Infront of vidya book depo)</b>	1	32.00	3.60		115.20			
infront of HIG- 255	1	17.00	3.60		61.20			
	1	5.00	3.60		18.00			
	1	15.00	3.60		54.00			
infront of bhagwati Bazar	1	24.00	3.60		86.40			
	1	13.00	3.60		46.80			
infront of urmila medico	1	13.00	3.60		46.80			
	1	12.00	3.60		43.20			
Infront of IOCL Gate	2	26.00	3.60		187.20			
	1	6.00	3.60		21.60			
Infront of Sumit Travels	1	7.00	9.00		63.00			
infront of UcoBank	2	17.00	3.60		122.40			
	2	9.00	3.60		64.80			
Near NTPC Gate	1	20.00	3.60		72.00			
	2	11.00	3.60		79.20			
Near Rajyog Kendra	10	1.50	3.60		54.00			
	1	8.00	2.50		20.00			
Infront of Narayani Coaching centre	1	14.00	3.20		44.80			
	1	8.00	2.50		20.00			
Infront of SBI colony H-2	1	21.00	3.20		67.20			
	1	8.00	3.20		25.60			
	1	20.00	3.20		64.00			
Infront of HiG-33	1	23.00	3.60		82.80			
	1	31.00	3.60		111.60			
	1	47.00	3.60		169.20			
	1	5.00	3.60		18.00			
	1	12.00	3.60		43.20			
	1	4.50	3.60		16.20			
Infront of Hemant Dewangan house	1	29.00	3.60		104.40			
	1	10.00	3.60		36.00			
infront of Vishnu patel house	1	32.00	3.60		115.20			
	1	15.00	3.60		54.00			
	1	9.00	3.60		32.40			
Near ICICI ATM	1	30.00	3.60		108.00			
	1	28.00	3.60		100.80			
	1	22.00	3.60		79.20			
	1	23.00	3.50		80.50			
	1	22.00	3.50		77.00			
infront of sunil patel house	2	32.00	3.50		224.00			
<b>Ward 52 Main Road Darri to Fertilizer Basti</b>	1	24.00	3.20		76.80			
	1	9.00	3.20		28.80			
	36	0.90	3.20		103.68			
	15	1.50	3.20		72.00			
	1	13.00	3.20		41.60			
<b>Ward 48 sumedha Main Road</b>	1	32.00	2.50		80.00			
	1	18.00	3.30		59.40			


ITEM DESCRIPTION		N	L	W	D	QTY	UNIT	RATE	AMOUNT
		1	32.00	3.30		105.60			
		1	30.00	3.30		99.00			
		1	12.00	3.30		39.60			
		1	17.00	3.30		56.10			
		1	12.00	3.30		39.60			
		1	32.00	3.30		105.60			
		1	13.00	3.30		42.90			
		1	25.00	3.30		82.50			
	Salihabbata basti	1	15.00	2.50		37.50			
		1	18.00	2.50		45.00			
		1	30.00	3.00		90.00			
		1	32.00	3.00		96.00			
		1	5.00	3.00		15.00			
		1	9.00	3.00		27.00			
		2	32.00	3.00		192.00			
	Salihabbata Railway Track	2	29.00	3.20		185.60			
		4	32.00	3.20		409.60			
		10	2.50	1.50		37.50			
		2	17.00	1.50		51.00			
		8	5.00	3.20		128.00			
		2	22.00	3.20		140.80			
					Total	8377.87	sqm	15.00	125668.05
9	5.8	<p>5.8 Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508)</p>							
		II. With mechanical paver finisher							
		A With bitumen							
5		ii) Type B ( 13.2 mm to 0.09 mm size aggregates )							
		1	22.00	3.20		70.40			
		3	1.20	3.20		11.52			
		1	24.00	3.20		76.80			
		15	0.90	0.90		12.15			
		1	255.00	3.30		841.50			
		2	12.00	3.30		79.20			
		1	17.60	3.30		58.08			
		1	37.00	3.30		122.10			
		1	18.50	3.30		61.05			
		1	43.00	3.30		141.90			




ITEM DESCRIPTION	N	L	W	D	QTY	UNIT	RATE	AMOUNT
	1	15.00	3.30		49.50			
	1	19.00	3.30		62.70			
	1	20.00	5.00		100.00			
ayodhyapuri Bhatapara Road	1	7.50	5.00		37.50			
	1	3.30	1.50		4.95			
	1	34.00	3.30		112.20			
	1	18.00	3.30		59.40			
	35	1.20	0.90		37.80			
Ward47 Semipali chauk	1	12.00	6.00		72.00			
kumgari basti road	1	24.00	3.60		86.40			
	1	30.00	3.60		108.00			
	1	34.00	3.60		122.40			
	1	20.00	3.60		72.00			
	1	9.00	3.60		32.40			
	1	25.00	3.60		90.00			
	1	6.00	3.60		21.60			
	1	17.00	3.60		61.20			
	1	37.00	3.60		133.20			
	1	32.00	3.60		115.20			
	1	18.00	3.60		64.80			
	1	34.00	3.60		122.40			
	36	0.90	0.60		19.44			
ward 51 Sada Colony ( Infront of vidya book depo)	1	32.00	3.60		115.20			
infront of HIG- 255	1	17.00	3.60		61.20			
	1	5.00	3.60		18.00			
	1	15.00	3.60		54.00			
infront of bhagwati Bazar	1	24.00	3.60		86.40			
	1	13.00	3.60		46.80			
infront of urmila medico	1	13.00	3.60		46.80			
	1	12.00	3.60		43.20			
Infront of IOCL Gate	2	26.00	3.60		187.20			
	1	6.00	3.60		21.60			
Infront of Sumit Travels	1	7.00	9.00		63.00			
infront of UcoBank	2	17.00	3.60		122.40			
	2	9.00	3.60		64.80			
Near NTPC Gate	1	20.00	3.60		72.00			
	2	11.00	3.60		79.20			
Near Rajyog Kendra	10	1.50	3.60		54.00			
	1	8.00	2.50		20.00			
Infront of Narayani Coaching centre	1	14.00	3.20		44.80			
	1	8.00	2.50		20.00			
Infront of SBI colony H-2	1	21.00	3.20		67.20			
	1	8.00	3.20		25.60			
	1	20.00	3.20		64.00			
Infront of HiG-33	1	23.00	3.60		82.80			
	1	31.00	3.60		111.60			
	1	47.00	3.60		169.20			
	1	5.00	3.60		18.00			
	1	12.00	3.60		43.20			
	1	4.50	3.60		16.20			



ITEM DESCRIPTION		N	L	W	D	QTY	UNIT	RATE	AMOUNT	
	front of Hemant Dewangan house	1	29.00	3.60		104.40				
		1	10.00	3.60		36.00				
	infront of Vishnu patel house	1	32.00	3.60		115.20				
		1	15.00	3.60		54.00				
		1	9.00	3.60		32.40				
	Near ICICI ATM	1	30.00	3.60		108.00				
		1	28.00	3.60		100.80				
		1	22.00	3.60		79.20				
		1	23.00	3.50		80.50				
		1	22.00	3.50		77.00				
	infront of sunil patel house	2	32.00	3.50		224.00				
	Ward 52 Main Road Darri to Fertilizer Basti	1	24.00	3.20		76.80				
		1	9.00	3.20		28.80				
		36	0.90	3.20		103.68				
		15	1.50	3.20		72.00				
		1	13.00	3.20		41.60				
	Ward 48 sumedha Main Road	1	32.00	2.50		80.00				
		1	18.00	3.30		59.40				
		1	32.00	3.30		105.60				
		1	30.00	3.30		99.00				
		1	12.00	3.30		39.60				
		1	17.00	3.30		56.10				
		1	12.00	3.30		39.60				
		1	32.00	3.30		105.60				
		1	13.00	3.30		42.90				
		1	25.00	3.30		82.50				
	Salihabhata basti	1	15.00	2.50		37.50				
		1	18.00	2.50		45.00				
		1	30.00	3.00		90.00				
		1	32.00	3.00		96.00				
		1	5.00	3.00		15.00				
		1	9.00	3.00		27.00				
		2	32.00	3.00		192.00				
	Salihabhata Railway Track	2	29.00	3.20		185.60				
		4	32.00	3.20		409.60				
		10	2.50	1.50		37.50				
		2	17.00	1.50		51.00				
		8	5.00	3.20		128.00				
		2	22.00	3.20		140.80				
						Total	8377.87	sqm	146.00	1223169.02
10	1.1	1.1 Transportation of metal i/c loading &								
		i) For a lead upto 1 Km		7302.37	0.10	730.24	cum	92.00	67181.804	
									Total	6447070.17
									Say Rs	6447500.00

  
 Deepak Estimate. boundry (ramesh)

  
 Sub Engineer  
 Municipal Corporation  
 Korba (C.G.)

  
 Asstt. Engineer  
 Municipal Corporation  
 Korba (C.G.)