



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## ESTIMATE FOR FLOOD DAMAGED REPAIR



Name of the Road :-

**Motorable Road from Adarsh Laxmipur To Lal Diara**

DISTRICT	:	Lakhisarai	
DIVISION	:	Lakhisarai	
BLOCK	:	Barahiya	
TOTAL LENGTH OF ROAD	:	7.000	KM
TOTAL COST	:	2.308	Lac
AVERAGE COST PER KM	:	0.330	Lac
TOTAL COST OF PROJECT	:	2.308	Lac

Submitted By:  
Executive Engineer  
RWD WORKS DIVISION  
Lakhisarai

**INSPECTION REPORT FOR MOTORABLE WORK**

Name of PIUs :- R.W.D (W) Div. Lakhsara/Kharagpur, Darrapur.

Name of Block/Road :- Motorable Road from Adarsk Laxmipur to Lal Digera

**A. For Road**

1. Damage Location / Chainage:- 6.5 KM

2. Damage Length 82 m

3. Nature of Damage (Length wise)	(i) Breach :- 63 m
	(ii) Crust Damage :- 19 m
	(iii) Only Flank Damage

Whether Traffic Fully/Partialily Obstructed :-

**4. Details of Restoration**

(i) Material Being Used in Restoration :- Brck bats, GSB.

(ii) Equipment/ Tools being Used in Restoration Works :- Tractor, J.C.B, Roller

(iii) Restored Length	In Open Area :- 82 m
	In Habitation Area :-

(iv) If Restoration work done in habitation Area Give Reason :-

**B. For Bridge (Size of Bridge/Culvert)**

1. Damage Location / Chainage:-

2. No. of Span Damage

3. Length of Span

4. Nature of Damage (Pier/ Abutment/Wing wall/Approach Road Damage)

**5. Details of Restoration**

(i) Material Being Used in Restoration :-

(ii) Equipment/ Tools being Used in Restoration Works :-

(iii) Restored Length	In Open Area :-
	In Habitation Area :-

Overall Grade of Restoration Work (Satisfactory/Unsatisfactory)

*Rajesh*  
18/11/24  
SK

*[Signature]*  
12/11/24  
Signature of Inspector  
(Officail Seal)

SINo	Circle	Division	Block Name	Name of Road	Type	Created Date	Financial Year
1	Munger	Lakhisarai	Barahiya	Nh-80 Jaitpur To Harijan Tola Thakurwari Tola High MMSY[SC]hool (20804012003)	Road	30-Oct-24	2024-25
2	Munger	Lakhisarai	Lakhisarai	NH-80 CHIMNEY BHATTA - SABIKPUR VILLAGE (NEA220001380)	Road	30-Oct-24	2024-25
3	Munger	Lakhisarai	Barahiya	NH-80 Dariapur - Aliwali Road (20804002014)	Road	16-Oct-24	2024-25
4	Munger	Lakhisarai	Surajgarha	Repair of Road from NH -80 Milki Dhala to Abhaypur (20804000827)	Road	16-Oct-24	2024-25
5	Munger	Lakhisarai	Lakhisarai	Babhangama Nimchak to Babhangama Goriyari Tola (20804001018)	Road	16-Oct-24	2024-25
6	Munger	Lakhisarai	Lakhisarai	Babhangama Nimchak to Nemdarganj Road (20804001001)	Road	16-Oct-24	2024-25
7	Munger	Lakhisarai	Barahiya	Jaitpur Khutha Gramin Road to Kabrasthan se Harizan Toli Hote hue Basic school (2080400190022)	Road	16-Oct-24	2024-25
8	Munger	Lakhisarai	Barahiya	NH-80 Dariapur to Aliwali (20803902206)	Road	15-Oct-24	2024-25
9	Munger	Lakhisarai	Chanan	Kiul Jamui Main Road se Vaaskund Kachhua Tola (2080400120059)	Road	15-Oct-24	2024-25
10	Munger	Lakhisarai	Pipariya	Pipariya - Walipur pakar (Rescind work) (20804002047)	Road	14-Oct-24	2024-25
11	Munger	Lakhisarai	Barahiya	Adarsh Laxmipur - Lal Diara (NEA220001318)	Road	14-Oct-24	2024-25
12	Munger	Lakhisarai	Pipariya	RAMCHANDRAPUR BADHI TOLA to KOYALWA- BIND TOLLY PMGSY ROAD (2080400120043)	Road	09-Oct-24	2024-25
13	Munger	Lakhisarai	Pipariya	AOLIPUR RAVIDAS TOLA to L041 AOLIPUR Chock To SUMAN Chowk MMSY Road (2080400120040)	Road	09-Oct-24	2024-25
14	Munger	Lakhisarai	Pipariya	Consturction & Maintenance of Road Ramchandrapur Panchayat of Sri Krishna Chowk to Harizan Tola via High School Yakshraj Asthan (20804000319)	Road	09-Oct-24	2024-25
15	Munger	Lakhisarai	Barahiya	NH-80 Jaitpur to Khutha Path (20804000844)	Road	09-Oct-24	2024-25
16	Munger	Lakhisarai	Lakhisarai	T02_Mohanpur_More - Jagdishpur_Jalappa_Asthan (NEA220001406)	Road	09-Sep-24	2024-25
17	Munger	Lakhisarai	Surajgarha	NH-80 Suryagarha to Koyalwa Barwaswa Bind Tolly (Rescind) (20804002050)	Road	02-Sep-24	2024-25
18	Munger	Lakhisarai	Pipariya	Consturction & Maintenance of Road Walipur Suman Chowk Road to Walipur Harizan Tola via Block Headquarter Pipariya (20804000320)	Road	02-Sep-24	2024-25
19	Munger	Lakhisarai	Chanan	Manpur to Nagrdar via Malya (20804001024)	Road	02-Sep-24	2024-25
20	Munger	Lakhisarai	Surajgarha	Repair of Road from NH-80 Shaheed Gate to Rampur se Lakhochak via Sitarampur Ithari (20804000826)	Road	02-Sep-24	2024-25



## तकनीकी प्रतिवेदन

पथ का नाम :- आदर्श लक्ष्मीपुर से लाला दियारा

पथ की लम्बाई :- 7.000 कि०मी०

प्राक्कलित राशि :-2.308 लाख

उपरोक्त पथ में मोटरेबुल करने हेतु मरम्मत का प्राक्कलन माह सितम्बर 2024 में हुई भारी बारिश के फलस्वरूप गंगा नदी में पानी का दबाव/बहाव निर्धारित सीमा के काफी बढ़ जाने एवं बाढ़ अतिवृष्टि से हुई क्षति, जैसे पथ बरसात में (लगभग 15 दिनों तक) पथ पानी में डूबे रहने के कारण तैयार किया गया। उल्लेखित पथ लखीसराय जिला के बड़हिया प्रखंड में पड़ता है। गंगा नदी में बाढ़ आने एवं अतिविष्ट कारण जलमग्न हो गया था, जिस कारण भी पथ में भारी क्षति हुई है।

अभियंता प्रमुख-सह-अपर आयुक्त-सह विशेष सचिव, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक-मु०अ०-8(अनु० एवं उन्नयन) FDR-03-01/2024-71 दिनांक-09.10.2024 द्वारा प्राप्त निदेश के आलोक में क्षतिग्रस्त पथांश का Drone Video को State MIS पर Upload कराया गया, तत्पश्चात् पथ में Emergent Repair का कार्य पूर्ण कराकर निदेशानुसार पुनः Drone Video को State MIS पर Upload कराया गया एवं कराये गए कार्यों को मापीपुस्त में दर्ज कराकर प्राक्कलन तैयार किया गया है।

प्रस्तुत प्राक्कलन विभाग द्वारा आमंत्रित निविदा Expression of Interest-Cum-Request for Quote for Empanelment of Supply Agencies में निदिवाकार द्वारा दिये गए दर के आलोक में सामग्रियों के औसत लीड के अधार पर बनाया गया है। पथ के क्षतिग्रस्त pot patch में Brick Bats भर कर GSB Gr.-III में Stone Screening Material (जगह-जगह 200mm एवं 150mm मुटोई/गहराई में) भरकर सम्पीडन करने का प्रावधान किया गया है, जिसकी तकनीकी स्वीकृति अपेक्षित है।



कनीय अभियन्ता  
ग्रा०का०वि०, कार्य प्रशाखा,  
बड़हिया



सहायक अभियन्ता  
ग्रा०का०वि०, कार्यअ०प्रमं०,  
बड़हिया



कार्यपालक अभियन्ता  
ग्रा०का०वि०, कार्य प्रमं०,  
लखीसराय

## ESTIMATE FOR FLOOD DAMAGED REPAIR

NAME OF ROAD : Motorable Road from Adarsh Laxmipur To Lal Diara

DISTRICT Lakhisarai

BLOCK Barahiya

DIVISION Lakhisarai

LENGTH OF ROAD (in Km) 7.000

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	RESTORATION COST	
1	Brick Bat Filling	1.807.794
2	GSB GR-II	0.514
	<b>SUB TOTAL</b>	<b>2.308</b>
	<b>TOTAL</b>	<b>2.321.308</b>
	<b>TOTAL COST OF PROJECT IN LACS =</b>	<b>2.308</b>

2.321.308

*[Signature]*  
28/10/24  
JE  
RWD

*[Signature]*  
28/10/24  
AE  
RWD

*[Signature]*  
28/10/24  
EE  
RWD

T/S (provisional) is accorded for Rs. 2,32,100=00

(Rs. Two lakh thirty two thousand one hundred only) /-

*[Signature]*  
27/11/24  
**Superintending Engineer**  
**Rural Works Department**  
**Works Circle, Munger**

*[Signature]*  
27/11/24

Name of Road :- Motorable Road from Adarsh Laxmipur to Lal Diara

SI No.	SDB No.	MORD Ref. No	Description	Unit	NOS	LENGTH	WIDTH	Height	Quantity	Rate	Amount (in Rs.)
<p><b>Sub Head : PAVEMENT LAYERS-GSB &amp; WBM ITEMS</b></p>											
1			<b>Brick BAT Filling</b>								
			Emergent Repair by Filling Brick Bats in Flood damaged Stretch of the Road for marking it Motorable per S/D of E/I								
			Qty as per Measurement	cum					58.89		
			Net Qty						58.89	3,068.19	180685.71
1	4.1	401	<b>Granular Sub- Base With Graded Material (Table 400.1)</b>								
			<b>(ii) For Grading II Material</b>								
			Construction of Granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.								
			Qty as per Measurement cum						17.45		
			Net GSY Qty						17.45	2,944.92	51388.85
<b>TOTAL COST OF PAVEMENT IN RS. (A+B+C+D+E+F)=</b>											<b>232074.56</b>

Rajeswari  
28/10/24

11/05/24  
28/10/24  
AR

**Pot Measurement  
Brick Bats**

Name or Road :- Motorable Road from Adarsh Laxmipur to Lal Diara

Nos.	Length (m)	Width (m)	Width (m) Avg.	Thickness (m)	Qty. (Cum.)
1	10	(1.1+2.2)/2	1.655	0.600	9.930
1	6	(1.2+2.2)/2	1.700	0.600	6.120
1	25	(1.5+2.1)/2	1.800	0.800	36.000
1	8	(0.6+1.3)/2	0.950	0.600	4.560
1	14	(0.9+1.8)/2	1.350	0.900	17.010

63

20% Less for voids

**Total**

**73.620**

**14.72 cum**

**58.89 cum**

*Rajesh*  
*28/10/24*  
*SK*

*Ujjwal*  
*28/10/24*  
*AR*

## Pot Measurement GSB Gr-II

Name of Road:- Motorable Road from Adarsh Laxmipur To Lal Diara

Nos.	Length (m)	Width (m)	Thickness (m)	Qty. (Cum.)
1	10	1.00	0.150	1.50
1	6	1.25	0.200	1.50
1	25	1.00	0.200	5.00
1	2	0.60	0.150	0.18
1	4	1.10	0.150	0.66
1	3	1.20	0.150	0.54
1	5	1.50	0.200	1.50
1	2	0.60	0.150	0.18
1	3	0.80	0.200	0.48
1	2	1.10	0.150	0.33
1	5	1.60	0.200	1.60
1	6	1.80	0.150	1.62
1	4	2.00	0.150	1.20
1	3	1.30	0.200	0.78
1	2	1.25	0.150	0.38

**Total** **17.45**

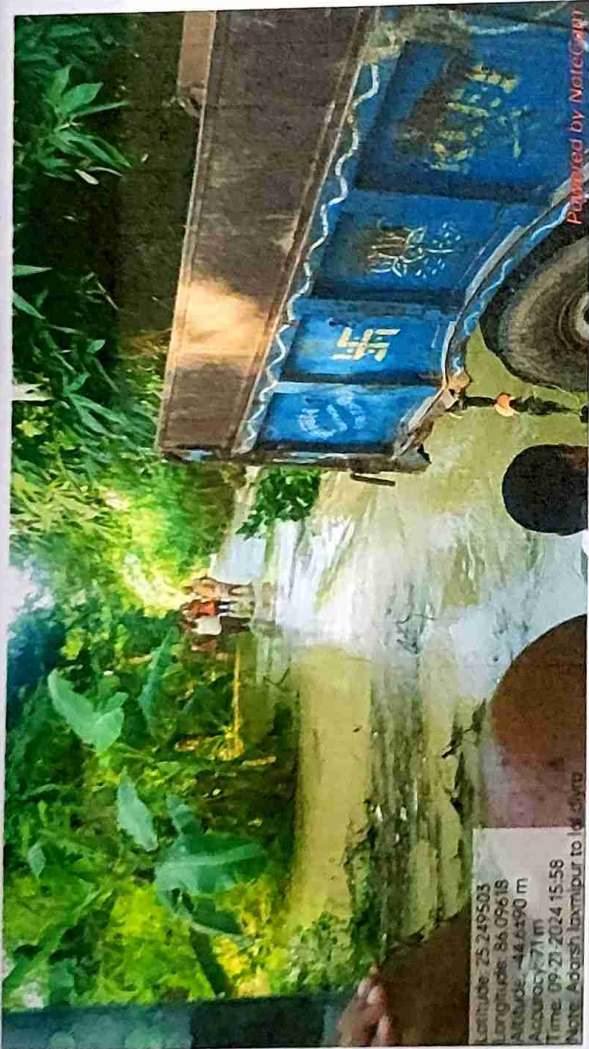
Length - 82

Ramesh  
28/10/24  
OE

Uppal  
28/10/24  
AB

AB  
28/10/24  
B





Latitude: 25.249503  
Longitude: 86.09618  
Altitude: 44.6490 m  
Accuracy: 7.71 m  
Time: 09-21-2024 15:58  
Note: Adarsh Iaxampur to Idli ditya

Powered by NoteCam



Latitude: 25.249567  
Longitude: 86.096107  
Elevation: 19.72432 m  
Accuracy: 8.0 m  
Time: 09-21-2024 15:59  
Note: Adarsh Iaxampur to Idli ditya

Powered by NoteCam



Latitude: 25.249592  
Longitude: 86.096425  
Altitude: 13.84127 m  
Accuracy: 11.3 m  
Time: 09-21-2024 16:16  
Note: Adarsh Iaxampur to Idli ditya

Powered by NoteCam



Latitude: 25.249528  
Longitude: 86.096533  
Altitude: 22.8472 m  
Accuracy: 4.8 m  
Time: 09-21-2024 16:36  
Note: Adarsh Iaxampur to Idli ditya

Powered by NoteCam

Adarsh Iaxampur





Latitude: 25.249518  
Longitude: 86.096283  
Elevation: 53.6249 m  
Accuracy: 7.6 m  
Time: 09-21-2024 10:37  
Note: Adarsh Jampur lai di...

Powered by NoteCam

*Handwritten signature*



Latitude: 25.249518  
Longitude: 86.096283  
Elevation: 53.6249 m  
Accuracy: 7.6 m  
Time: 09-21-2024 10:37  
Note: Adarsh Jampur lai di...

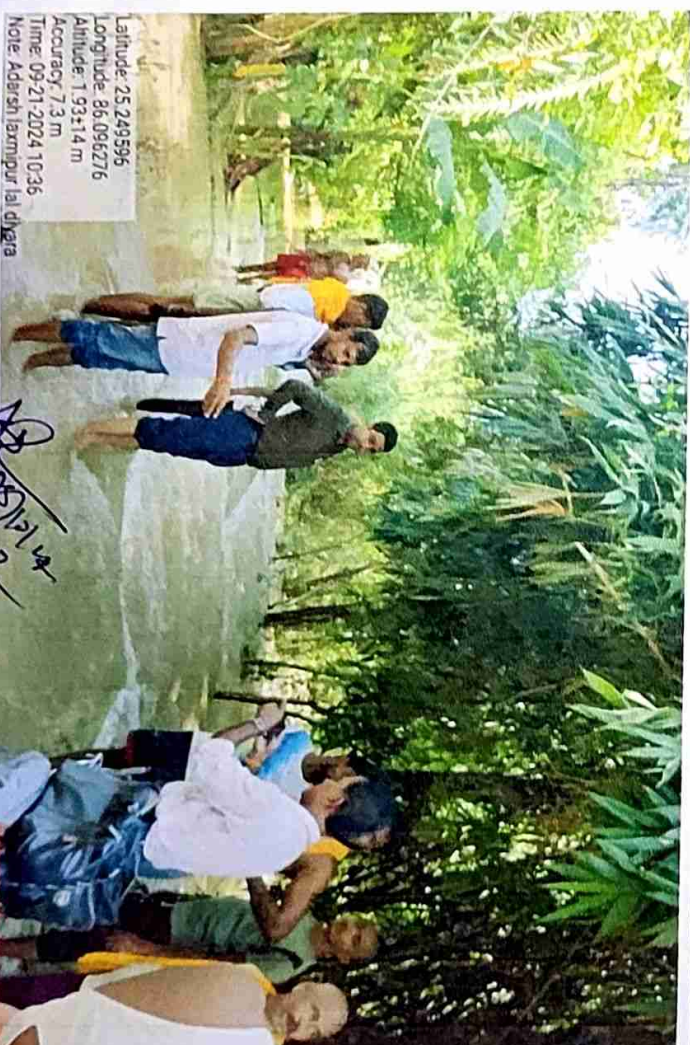
*Handwritten signature*

*Handwritten signature*



Latitude: 25.247249  
Longitude: 86.089376  
Altitude: -9.02-8 m  
Accuracy: 6.9 m  
Time: 09-21-2024 10:26  
Note: Adarsh Jampur lai di...

Powered by NoteCam



Latitude: 25.249596  
Longitude: 86.096276  
Altitude: 1.93-14 m  
Accuracy: 7.3 m  
Time: 09-21-2024 10:35  
Note: Adarsh Jampur lai di...

*Handwritten signature*

Powered by NoteCam





Latitude: 25.249675  
Longitude: 86.096637  
Elevation: 62.7±20 m  
Accuracy: 8.4 m  
Time: 27-11-2024 15:52  
Note: adarsh Laxmipur to lala diya

Powered by MapaCam



Latitude: 25.248579  
Longitude: 86.096171  
Elevation: 62.7±20 m  
Accuracy: 11.3 m  
Time: 27-11-2024 15:52  
Note: adarsh Laxmipur to lala diya

Powered by MapaCam



Latitude: 25.248301  
Longitude: 86.097154  
Elevation: 62.7±21 m  
Accuracy: 8.2 m  
Time: 27-11-2024 15:53  
Note: adarsh Laxmipur to lala diya

Powered by MapaCam

*Prakash*  
27/11/24  
JE

*AD*  
27/11/24  
R







eProcurement System for Pradhan Mantri Gram Sadak Yojana (PMGSY)  
 Created By: Anand Prakash  
 Created Date/Time: 11-Jul-2024 12:22 PM  
 Tender Title: EO-Cum-Request for Quote for Empanelment/Lahisaral  
 Tender ID: 2024\_ECBIH\_135038\_1

Tender Inviting Authority: Engg-in Chief RWD Patna  
 Name of Work: EO-Cum-Request for Quote For Empanelment Of Supply Agencies  
 Contract No.

SCHEDULE OF WORK / ITEM(S)

SLNO	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	Ranjit Kumar (GSTN: 10APVPK4954K) ZG BID ID: 587187	Rate	Amount	SUNDAR NIRMAL (GSTN: NA-587223)	Rate	Amount
1.00	Material									
2.00	Empty Cement Bags (Supply of Empty Cement Bag Capacity 1.2 CFT in Good condition And As per Specification)	1.00	Each		8.91	8.91	10.00			10.00
3.00	Bamboo(75 mm Dia 6 m to 8m Long)	1.00	no		288.20	288.20	300.00			300.00
4.00	100 mm Dia 6m to 8m Long	1.00	no		311.90	311.90	350.00			350.00
5.00	Brick Bats(Brick Bats of Well Burnt Bricks)	1.00	Cum		2256.71	2256.71	3000.00			3000.00
6.00	Local Sand(As per Specification)	1.00	Cum		399.50	399.50	450.00			450.00
7.00	4mm Rubbish(Should be clean & Free from other impurities)	1.00	Cum		1449.30	1449.30	1500.00			1500.00
8.00	Hume Pipe (NP3) 1000mm Dia(NP3 Rcc Hume Pipe)	1.00	Meter		7852.71	7852.71	8000.00			8000.00
9.00	Hume Pipe (NP3) 501mm Dia(NP3 Rcc Hume Pipe)	1.00	Meter		3311.70	3311.70	4000.00			4000.00
10.00	Boulders(Boulders Size 150mm & below)	1.00	Cum		2041.41	2041.41	2100.00			2100.00
11.00	Boulder minimum Size 300mm	1.00	Cum		2041.41	2041.41	2100.00			2100.00
12.00	Granular Sub Base material Grading-(Granular Sub Base Material Grading-as per Specification)	1.00	Cum		1943.21	1943.21	2000.00			2000.00
13.00	Stone Metal Aggregates Gr-III(Stone metal aggregate Grade-III as per Specification)	1.00	Cum		2482.50	2482.50	2500.00			2500.00
14.00	Stone Metal Aggregates Gr-IV(Stone metal aggregate Grade-IV as per Specification)	1.00	Cum		2623.61	2623.61	2700.00			2700.00
15.00	Screening Material Type B(Screening Materials Types As per Specification)	1.00	Cum		1745.41	1745.41	1800.00			1800.00
16.00	Labour									
17.00	Unskilled Labour(6 hrs/Day)	1.00	Per day		470.01	470.01	500.00			500.00

L1 Amount	L1 Vendor
8.91	Ranjit Kumar
288.20	Ranjit Kumar
311.90	Ranjit Kumar
2256.71	Ranjit Kumar
399.50	Ranjit Kumar
1449.30	Ranjit Kumar
7852.71	Ranjit Kumar
3311.70	Ranjit Kumar
2041.41	Ranjit Kumar
2041.41	Ranjit Kumar
1943.21	Ranjit Kumar
2482.50	Ranjit Kumar
2623.61	Ranjit Kumar
1745.41	Ranjit Kumar
470.01	Ranjit Kumar

Handwritten signature and date: 11/7/24

18.00	Semi Skilled Labour(8 hrs/ Day)	1.00	Per day
19.00	Skilled Labour(8 hrs/ Day)	1.00	Per day
20.00	Mason(8 hrs/ Day)	1.00	Per day
21.00	Head Mason(8 hrs/ Day)	1.00	Per day
22.00	Bhisal(8 hrs/ Day)	1.00	Per day
23.00	Carpenter(8 hrs/ Day)	1.00	Per day
24.00	Night Guard(8 hrs/ Day)	1.00	Per day
25.00	Electrician(8 hrs/ Day)	1.00	Per day
26.00	Ill. Tools, Paint & Machines With Driver & Fuel		
27.00	Front End Loader 1.0 cum(Soil Loading/ Aggregate Loading) Cum/ Hour 60/25	1.00	Cum/ Hour
28.00	6-10 Ton smooth Wheeled(Compaction / Consolidation) Cum/ hour 70/25	1.00	Cum/ Hour
30.00	Tractor With Trolley(Transportation of Material) Cum 3 to 5 ton	1.00	Cum
31.00	Tipper(Transportation of Material) Cum 5	1.00	Cum
32.00	Tractor With Tipper(Transportation of Material) Cum 3 to 5 ton	1.00	Cum
33.00	Generator Set With Fuel(Generation of Electrical Energy) KVA. 5	1.00	KVA

Total in Figures

Lowest Amount Quoted BY: Ranjit Kumar(44133.99)

*[Signature]*  
 Divisional Accounts Officer  
 Rural Works Department  
 Work Division, Lakhisarai

*[Signature]*  
 Executive Engineer  
 RWD Works Division  
 Lakhisarai

489.01	489.01	489.01	500.00	500.00	500.00
595.00	595.00	595.00	800.00	800.00	600.00
564.00	564.00	564.00	600.00	600.00	600.00
531.81	531.81	531.81	550.00	550.00	550.00
470.00	470.00	470.00	500.00	500.00	500.00
564.01	564.01	564.01	600.00	600.00	600.00
631.81	631.81	631.81	650.00	650.00	650.00
481.91	481.91	481.91	600.00	600.00	600.00
1704.01	1704.01	1704.01	1800.00	1800.00	1800.00
1918.21	1918.21	1918.21	2000.00	2000.00	2000.00
818.70	818.70	818.70	900.00	900.00	900.00
1714.71	1714.71	1714.71	1800.00	1800.00	1800.00
2465.61	2465.61	2465.61	2500.00	2500.00	2500.00
1958.71	1958.71	1958.71	2000.00	2000.00	2000.00

44133.99

46910.00

489.01	Ranjit Kumar
595.00	Ranjit Kumar
564.00	Ranjit Kumar
531.81	Ranjit Kumar
470.00	Ranjit Kumar
564.01	Ranjit Kumar
631.81	Ranjit Kumar
481.91	Ranjit Kumar

1704.01	Ranjit Kumar
1918.21	Ranjit Kumar
818.70	Ranjit Kumar
1714.71	Ranjit Kumar
2465.61	Ranjit Kumar
1958.71	Ranjit Kumar