

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE – R.W.D. works Circle, Kishanganj

DIVISION – R.W.D. works Division, Kishanganj-1

Name of Work :- L027-T02 to Bharbhari
Block :- Terhagachh
Length of Road:-
Damage Length:-
Estimated cost :- Rs 7205672.00

Year : 2021-22

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग कार्य प्रमंडल किशनगंज -1 अन्तर्गत प्रखंड के पथ1027-702 to bharr bhari'..... (pm4sy.) जो विभागीय Online Monitoring System MIS पर अपलोड है के बाढ़ 2021 से क्षतिग्रस्त हो जाने के कारण यातायात लायक Moterale हेतु बनाया गया है। इस कार्य को करने का निर्देश ग्रामीण कार्य विभाग, बिहार सरकार के पत्रांक- मु0अ0-4 (मु0) विविध कार्य-23-60 / 2020-1937 / पटना, दिनांक 07.07.2021 से प्राप्त है। इस पत्र से Real time Geotagged Photographs को कार्य के दौरान अपलोड करते हुए (Moterale) कार्य कराना सुनिश्चित करने का निर्देश प्राप्त है।

उक्त निर्देश के आलोक में Kankai..... नदी/नदी उपधार से आए बाढ़ के कारण इस पथ के रोडवे के क्षतिग्रस्त हो जाने से सुरक्षित आवागमन हेतु मोटेरेबल कार्य कराया गया है। MIS में अपलोडेड फोटो दिनांकका Lat/Long के साथ लिया गया है। इस नदी में स्थल पर दुबारा बाढ़ की स्थिति बन जाने से पथ पुनः क्षतिग्रस्त हो गया था, जिसके कारण दोबारा मोटेरेबल कार्य कराना आवश्यक हो गया था ऐसी स्थिति में पुनः कराए गए मोटेरेबल कार्य के फोटोग्राफ को भी Lat/Long with Realtime के साथ अपलोड किया गया है जो दिनांक.....का है। नेपाल तराई से निकलनेवाली इस नदी के तेज धार से इस पथ में कटाव की स्थिति बनी। मोटेरेबल कार्य में आवश्यकतानुसार Bomboo Pilling/Pitching of E.C.Bag Filled With Local Sand/Local Sand Filling/Brick Bats का इस्तेमाल किया गया है। मोटेरेबल कार्य कराकर यातायात बहाल करा दिया गया है। निर्देशानुसार कराए गए कार्य की Geotagged Photo Realtime के साथ MIS पर उद्धत है। MIS की छायाप्रति, अपलोडेड फोटोग्राफ की छायाप्रति, दर विश्लेषण एवं विभागीय आदेशों की छायाप्रति प्राक्कलन में संलग्न की जा रही है। प्राक्कलन में प्रयुक्त दर अद्यतन है प्राक्कलन की यथाशीघ्र अनुमोदन अपेक्षित है ताकि अग्रेत्तर कार्रवाई की जा सके।

13/11/2022
कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा

13.01.2022
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल किशनगंज-1

Inspection Report for Flood Damage Work

Name of PIUs - Executive Eng. RWD works division, Kishanganj-1.

Name of Block/Road - Terhagachh | Lo27 - To 2 to bharbharri (VR 27).

or Road

Damage Location/Chainage : 2

Damage Length : 228m.

Nature of Damage : Surface and flank damage.

Details of Restoration Works :

- i. Material being used in Restoration works : brick bdt, local sand
- ii. Equipments/Tools being used in Restoration works : Tractor.
- iii. Procedure taken up in Restoration works : Manual.
- iv. Restored Length : 228m.

r Bridge

Damage Location/Chainage :

Damage Length :

Nature of Damage :

Details of Restoration Works :

- i. Material being used in Restoration works :
- ii. Equipments/Tools being used in Restoration works :
- iii. Procedure taken up in Restoration works :
- iv. Restored Length : Satisfactory.

Signature of JE/AE/EE

Signature

Signature
कार्यपालक अभियन्ता
(Name of Inspector)
कार्य प्रमण्डल, अररिया

ग्रामीण कार्य विभाग
बिहार, सरकार

पत्रांक - मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/07/2021

प्रेषक,

पंकज कुमार पाल (भा0प0र0)
सचिव

सेवा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

विषय- बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों/पुलियों को यातायात लायक (Motorable) करने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में निदेश दिया जाता है कि प्रमंडल अन्तर्गत सभी अभियंता बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों का शत प्रतिशत निरीक्षण करेंगे। पथों/पुलियों के क्षतिग्रस्त भाग से पानी उतरते ही उसे यातायात लायक बनाने की कारवाई एवं Motorable किये जाने से पहले तथा Motorable कार्य के बाद का Real time, Geo tagged photographs को MIS पर तत्क्षण अपलोड किया जाना सुनिश्चित करेंगे। इन कार्यों को कराने हेतु कार्यपालक अभियंता पूर्ण रूप से जिम्मेवार होंगे। कार्य न कराने की स्थिति में उनके विरुद्ध अनुशासनिक कार्रवाई की बाध्यता होगी।

विश्वासभाजन

(पंकज कुमार पाल)

सचिव

ज्ञापांक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/7/2021

प्रतिलिपि:-सभी अधीक्षण अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। साथ ही उन्हें निदेश दिया जाता है कि वे लगातार अनुश्रवण एवं निरीक्षण करते हुए क्षतिग्रस्त भाग को अतिशीघ्र यातायात लायक बनवाने की कार्रवाई सुनिश्चित करेंगे।

सचिव

ज्ञापांक-मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/7/2021

प्रतिलिपि:-सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण करने हेतु प्रेषित।

सचिव

Abstract of Cost

Name of Work:- L027-T02 to Bharbhari

Block :- Terhagachh

District:- Kishanganj

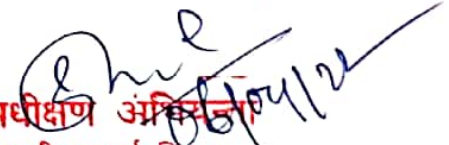
S.L No.	Name of cutting of roads	Amount (In Rs.)
1	1st Cutting	Rs 3448916.00
2	2nd Cutting	Rs 1116276.00
3	3rd Cutting	Rs 550992.00
4	4th Cutting	Rs 725098.00
5	5th Cutting	Rs 1364390.00
	Total Cost=	Rs 7205672.00

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J.E
RWD
Terhagachh


R.A.E/13.10.2022
R.W.D
Terhagachh


E.E
RWD
Kishanganj-I

Technically Sanctioned for Rs:- 72,05,672.00 (Rs:-
Seventy two Lacs five thousand seventy two) only.


अधीक्षक अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज
Pallavi
06/04/22
E.O

Detailed Estimate

Name of Work :-			L027-T02 to Bharbhari									
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	WRD	5.7.7	Providing bamboo piles including labour for cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I	1	552	4.00	-	-	2208.00			
				0	0	0.00	-	-	0.00			
			Total:-						2208.00	Mtr.	55.40	122323.00
3	WRD	5.7.9	Supplying, fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails, all material and labour complete job as per specification and direction of E/I.	1	110	8.00	-	-	880.00			
				0	0	0.00	-	-	0.00			
			Total:-						880.00	Mtr.	30.27	27166.00
7	WRD	5.7.40	Brick bats									
			Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	2	30.00	0.85	0.60	30.60			
				1	1	20.00	0.85	0.60	10.20			
			Total:-						40.80	Cum	2168.72	88484.00
13		5.7.53	Providing and filling empty cement bags									
			Supply of new bag with labour for filling new EC bag with local sand (volume of filled bag 1.2 cft and weight 50kg), stitching on two line by approved nylon thread with stitching machine & generator, stacking the bags and placing with a lead of 150m including supply of nylon threads etc all complete as per approved design, specification and direction of E/I.	1	4	30.00	4.60	4.50	2484.00			
				0	0	0.00	0.00	0.00	0.00			
			Total:-						2484.00	Cum		
			@ 0.034 Cum each bag						73059	No.	38.03	2778434.00
											TOTAL	3016407.00

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RWD
Terhagachh

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Terhagachh

13/11/22
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R.W.D
Kishanganj - I

ABSTRACT OF QUANTITY & COST

Item of Works	Quantity	Unit	Earth Work	Stone Materials			Brick Bats	Local Sand	Total
				26.5mm to 9.50mm	9.50mm to 4.75mm	4.75mm below			
Earth Work:-	0.00	Cum	0.000	-	-	-	-	-	
GSB (Gr.-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	
Brick Bats:-	40.80	Cum	-	-	-	-	48.960	-	
Local Sand Filling:-	0.00	Cum	-	-	-	-	-	0.000	
Providing & Filling Empty Cement Bags:-	73059.00	No.	-	-	-	-	-	2484.006	
Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
Total Quantity:-			0.000	0.000	0.000	0.000	48.960	2484.006	
Rate:-			Rs 34.78	Rs 285.35	Rs 285.35	Rs 285.35	Rs 1050.00	Rs 141.85	
Total Amount:-			0.00	0.00	0.00	0.00	51408.00	352356.00	Rs 403764.00
							S.Fee@10% of M.Cost:-		Rs 40376.00

694
13/1/22
JE/RWD
Terhagachh


AE/RWD
Terhagachh


EE/RWD
Kishanganj-1

ABSTRACT OF COST

Name of Work :-		L027-T02 to Bharbhari
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 957668.00
B	Add 12 % GST	Rs 114920.00
C	Add 1 % L. Cess	Rs 9577.00
D	Add S.Fee @ 10 % of Material Cost	Rs 34111.00
	Total Cost with GST, LC & S.Fee	Rs 1116276.00

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RWD
Terhagachh


A.E / 13.01.2022
R.W.D
Terhagachh


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R.W.D
Kishanganj - I

Detailed Estimate

Name of Work :- L027-T02 to Bharbhari												
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	WRD	5.7.7	Providing bamboo piles including labour for cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I									
				1	60	3.00	-	-	180.00			
				0	0	0.00	-	-	0.00			
				Total:-					180.00	Mtr.	55.40	9972.00
3	WRD	5.7.9	Supplying, fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails, all material and labour complete job as per specification and direction of E/I.									
				1	40	3.00	-	-	120.00			
				0	0	0.00	-	-	0.00			
				Total:-					120.00	Mtr.	30.87	3704.00
6	9.2 (i)	1100 & 800	Sand filling or Type B (First class) bedding									
			Filling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9									
				1	1	30.00	5.80	2.20	382.80			
				0	0	0.00	0.00	0.00	0.00			
				Total:-					382.80	Cum	514.43	196924.00
7	WRD	5.7.40	Brick bats									
			Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I									
				1	1	30.00	5.00	1.30	195.00			
				0	0	0.00	0.00	0.00	0.00			
				Total:-					195.00	Cum	2168.72	422900.00
13		5.7.53	Providing and filling empty cement bags									
			Supply of new bag with labour for filling new EC bag with local sand (volume of filled bag 1.2 cft and weight 50kg), stitching on two line by approved nylon thread with stitching machine & generator, stacking the bags and placing with a lead of 150m including supply of nylon threads etc all complete as per approved design, specification and direction of E/I.									
				1	2	30.00	2.10	2.30	289.80			
				0	0	0.00	0.00	0.00	0.00			
				Total:-					289.80	Cum		
				@ 0.034 Cum each bag					8524	No.	38.03	324168.00
											TOTAL	957668.00

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J.E
RWD
Terhagachh

A.E 13.01.2022
R.W.D
Terhagachh

RWD
Kishanganj - I

ABSTRACT OF QUANTITY & COST

Item of Works	Quantity	Unit	Earth Work	Stone Materials			Brick Bats	Local Sand	Total
				26.5mm to 9.50mm	9.50mm to 4.75mm	4.75mm below			
Earth Work:-	0.00	Cum	0.000	-	-	-	-	-	
GSB (Gr.-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	
Brick Bats:-	195.00	Cum	-	-	-	-	234.000	-	
Local Sand Filling:-	382.80	Cum	-	-	-	-	-	382.800	
Providing & Filling Empty Cement Bags:-	8524.00	No.	-	-	-	-	-	289.816	
Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
Total Quantity:-			0.000	0.000	0.000	0.000	234.000	672.616	
Rate:-			Rs 34.78	Rs 285.35	Rs 285.35	Rs 285.35	Rs 1050.00	Rs 141.85	
Total Amount:-			0.00	0.00	0.00	0.00	245700.00	95411.00	Rs 341111.00
							S.Fee@10% of M.Cost:-		Rs 34111.00

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AE/RWD
Terhagachh

EE/RWD
Kishanganj-1

ABSTRACT OF COST

Name of Work :-		L027-T02 to Bharbhari
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 463759.00
B	Add 12 % GST	Rs 55651.00
C	Add 1 % L. Cess	Rs 4638.00
D	Add S.Fee @ 10 % of Material Cost	Rs 26944.00
	Total Cost with GST, LC & S.Fee	Rs 550992.00

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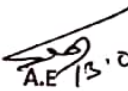

A.E 13.01.2022
R.W.D
Terhagachh

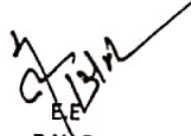

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Detailed Estimate

Name of Work :-			L027-T02 to Bharbhari									
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	WRD	5.7.40	Brick bats									
			Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I									
				1	1	18.00	4.95	2.40	213.84			
				0	0	0.00	0.00	0.00	0.00			
Total:-									213.84	Cum	2168.72	463759.00
TOTAL												463759.00

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A.E 13/01/22
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Terhagachh


R.W.D
Kishanganj - I

ABSTRACT OF QUANTITY & COST

Item of Works	Quantity	Unit	Earth Work	Stone Materials			Brick Bats	Local Sand	Total
				26.5mm to 9.50mm	9.50mm to 4.75mm	4.75mm below			
Earth Work:-	0.00	Cum	0.000	-	-	-	-	-	
SB (Gr.-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	
Brick Bats:-	213.84	Cum	-	-	-	-	256.608	-	
Local Sand filling:-	0.00	Cum	-	-	-	-	-	0.000	
Providing & filling Empty cement Bags:-	0.00	No.	-	-	-	-	-	0.000	
Providing & filling Empty cement Bags with Nylon rate:-	0.00	No.	-	-	-	-	-	0.000	
Total Quantity:-			0.000	0.000	0.000	0.000	256.608	0.000	
Rate:-			Rs 34.78	Rs 285.35	Rs 285.35	Rs 285.35	Rs 1050.00	Rs 141.85	
Total Amount:-			0.00	0.00	0.00	0.00	269438.00	0.00	Rs 269438.00
			S.Fee@10% of M.Cost:-						Rs 26944.00

Sanj
 13/1/22
 JE/RWD
 Terhagachh

AE/RWD
 Terhagachh

Sanj
 13/1/22
 EE/RWD
 Kishanganj-1

ABSTRACT OF COST

Name of Work :-		L027-T02 to Bharbhari
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 613270.00
B	Add 12 % GST	Rs 73592.00
C	Add 1 % L. Cess	Rs 6133.00
D	Add S.Fee @ 10 % of Material Cost	Rs 32103.00
Total Cost with GST, LC & S.Fee		Rs 725098.00

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13/1/22
J.E
RWD
Terhagachh

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A.E 13.01.2022
R.W.D
Terhagachh

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R.W.D
Kishanganj - I

Detailed Estimate

Name of Work :- L027-T02 to Bharbhari												
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	WRD	5.7.40	Brick bats									
			Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I									
				1	1	30.00	5.891	1.60	282.79			
				0	0	0.00	0.00	0.00	0.00			
Total:-									282.79	Cum	2168.72	6,13,270.00
TOTAL												613270.00

13/11/22
J.E
RWD
Terhagachh

12.01.2022
A.E
R.W.D
Terhagachh

13/11/22
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R.W.D
Kishanganj - I

ABSTRACT OF QUANTITY & COST

Item of Works	Quantity	Unit	Earth Work	Stone Materials			Brick Bats	Local Sand	Total
				26.5mm to 9.50mm	9.50mm to 4.75mm	4.75mm below			
Earth Work:-	0.00	Cum	0.000	-	-	-	-	-	
GSB (Gr.-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	
Brick Bats:-	235.20	Cum	-	-	-	-	282.240	-	
Local Sand Filling:-	174.00	Cum	-	-	-	-	-	174.000	
Providing & Filling Empty Cement Bags:-	0.00	No.	-	-	-	-	-	0.000	
Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
Total Quantity:-			0.000	0.000	0.000	0.000	282.240	174.000	
Rate:-			Rs 34.78	Rs 285.35	Rs 285.35	Rs 285.35	Rs 1050.00	Rs 141.85	
Total Amount:-			0.00	0.00	0.00	0.00	296352.00	24682.00	Rs 321034.00
							S.Fee@10% of M.Cost:-		Rs 32103.00

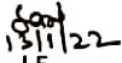
13/11/22
JE/RWD
Terhagachh

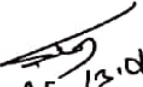
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AE/RWD
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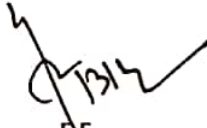
13/11/22
EE/RWD
Kishanganj-1

ABSTRACT OF COST

Name of Work :-	L027-T02 to Bharbhari	
Block :-	Terhagachh	
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 1190601.00
B	Add 12 % GST	Rs 142872.00
C	Add 1 % L. Cess	Rs 11906.00
D	Add S.Fee @ 10 % of Material Cost	Rs 19011.00
	Total Cost with GST, LC & S.Fee	Rs 1364390.00

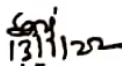

J.E.
RWD
Terhagachh


A.E. 13.01.2022
R.W.D
Terhagachh

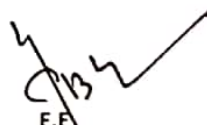

E.E.
R.W.D
Kishanganj - I

Detailed Estimate

Name of Work :- L027-T02 to Bharbhari													
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	
1	WRD	5.7.7	Providing bamboo piles including labour for cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I	1	155	3.00	-	-	465.00				
				0	0	0.00	-	-	0.00				
									Total:- 465.00	Mtr.	55.40	25761.00	
2	WRD	5.7.9	Supplying, fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails, all material and labour complete job as per specification and direction of E/I.	1	155	3.00	-	-	465.00				
				0	0	0.00	-	-	0.00				
									Total:- 465.00	Mtr.	30.87	14355.00	
3	9.2 (i)	1100 & 800	Sand filling or Type B (First class) bedding Filling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9	1	5	30.00	2.50	1.50	562.50				
				1	1	5.00	2.00	1.45	14.50				
									Total:- 577.00	Cum	514.43	296826.00	
4		5.7.53	Providing and filling empty cement bags Supply of new bag with labour for filling new EC bag with local sand (volume of filled bag 1.2 cft and weight 50kg), stitching on two line by approved nylon thread with stitching machine & generator, stacking the bags and placing with a lead of 150m including supply of nylon threads etc all complete as per approved design, specification and direction of E/I.	1	5	30.00	2.15	2.30	741.75				
				1	1	5.00	2.20	1.95	21.45				
									Total:- 763.20	Cum			
									@ 0.034 Cum each bag	22447	No.	38.03	853659.00
												TOTAL	1190601.00


 J.E.
 RWD
 Terhagachh


 A.E.
 R.W.D
 Terhagachh


 E.E.
 R.W.D
 Kishanganj - I