

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, दलसिंहसराय, समस्तीपुर

Email ID:- rwddalsinghsaray@gmail.com

पत्रांक 319 अग

दिनांक 03/02/2021

प्रेषक,

कार्यपालक अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रमंडल, दलसिंहसराय

सेवा में,

अधीक्षण अभियंता,

ग्रामीण कार्य विभाग,

कार्य अंचल- समस्तीपुर।

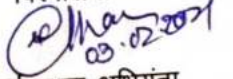
विषय-

एफ0डी0आर0 योजना से संबंधित डी0पी0आर0 का तकनीकी अनुमोदन के संबंध में।

महाशय,

उपरोक्त विषय के संबंध में कहना है कि इस प्रमंडल अंतर्गत एफ0डी0आर0 योजना से संबंधित कुल - 10 डी0पी0आर0 का तकनीकी अनुमोदन करने की कृपा की जाय।
अनु0- कुल 10 डी0पी0आर0 एक प्रति में।

विश्वासभाजन



कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमंडल, दलसिंहसराय

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, दलसिंहसराय, समस्तीपुर

Email ID:- rwddalsinghsaray@gmail.com

पत्रांक १२५५-६९ दिनांक 22/01/2021

प्रेषक, कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, दलसिंहसराय

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, समस्तीपुर।

विषय—

महाशय,

FDR योजनान्तर्गत कराये गये कार्य का जाँच करने के संबंध में।

उपरोक्त विषय के संबंध में कहना है कि एफ0डी0आर0 योजनान्तर्गत इस प्रमंडल के अधीन कराये गये कार्य से संबंधित प्रतिवेदन विहित प्रपत्र में संलग्न कर भेजी जा रही है। स्थल के जाँचोपरांत संबंधित योजनाओं का प्रतिवेदन इस कार्यालय को उपलब्ध कराने का कष्ट करेंगे।
अनु0— यथोक्त।

विश्वासभाजन

(Signature)
22/01/2021

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, दलसिंहसराय



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

FDR

STAE :- BIHAR
DISTRICT :- SAMASTIPUR
BLOCK :- BIBHUTIPUR

NAME OF ROAD :- Repair of Bridge Approach Karak on River Budhi Gandak

TOTAL COST OF CONSTRUCTION
TOTAL COST OF PROJECT

Rs. 1139408
Rs. 1139408

11,01,131=00

SUBMITTED BY:-
EXECUTIVE ENGINEER
RWD (W) DIVISION, DALSINGHSARAI
SAMASTIPUR

FDR
YEAR (2020-2021)
GENERAL ABSTRACT OF COST

BIBHUTIPUR

DISTRICT :- SAMASTIPUR

NAME OF ROAD :- Repair of Bridge Approach Karak on River Budhi Gandak

S.NO	ITEM OF WORK	AMOUNT
A		Rs. 1139408
	TOTAL COST OF CONSTRUCTION	Rs. 1139408
	SUB TOTAL	Rs. 1139408

[Signature]
04/11/2020

Junior Engineer
RWD (W) Section, Bibhutipur

[Signature]
04/11/20

Assistant Engineer
RWD (W) Sub Division,
Bibhutipur

[Signature]
04/11/20

Executive Engineer
RWD, Works Division,
Dalsinghsarai

1/10/131 = 80

SUMMARY OF COST ESTIMAT FOR THE PROJECT

OF ROAD :- Repair of Bridge Approach Karak on River Budhi Gandak

SAMASTIPUR

BIBHUTIPUR

S.NO	DESCRIPTION	AMOUNT LAKH
1	BRICK BAT	766089.000
2	GSB	2,08,863.00 242236.320
	SUB TOTAL:-	9,74,452.00 1008325.320
	12% GST on Total Amount:-	1,16,934.00 120999.038
	1% lab cess	9745.00 10083.253
	Total Cost (including GST and Labour Cess	1139407.612

11,01,131.00


04/11/2022

Junior Engineer

RWD (W) Section, Bibhutipur


04/11/20

Assistant Engineer

RWD (W) Sub Division, Bibhutipur


04/11/20

Executive Engineer

RWD, Works Division, Dalsinghsarai

Technically Approved for Excess work, one thousand,
one Hundred thirty one, only.


20/11/2021

बुद्धिमान विभाग
आवक कार्य विभाग
आवक कार्य, बभुतिपुर

Cost Estimate for Road Work

Jan 9, 74, 452 = 00

Assistant Engineer
RWD (W) Sub Division, Bibhutipur

Executive Engineer
RWD, Works Division, Dalsinghsarai

Junior Engineer
RWD (W) Section, Bibhutipur

ANALYSIS OF RATES. BRICK BAT FILLING.

~~Granular sub~~
providing brick bats including spreading
laying and packing with C.I. Hammers
in layers not exceeding 75MM thick
including cost of eight barriers, dangle
signal, chowkidar, taxes, Royalty, etc,
an complete job, as per specifications
and directions of E/S including cost of
barrels. - - - all complete job.

Unit - Cum.

Assuming - 2.892 M³

Cost of brick bats - 2.892 M³ @ 1096 = 00 - Rs 3163 = 87
Maxdarrun Skilled Labour 0.692 M³ @ 141 = 95/M³ Rs 89 = 65

Labour (unskilled)

1. Carrying, spreading, leveling
packing unskilled labour 1.5 NO @ 287 = 00 - Rs 430 = 50
Compaction of brick bats with
C.I. Hammers 0.670 NO @ 287 = 00 - Rs 192 = 29.
Over head charge @ 6% on (a+b+c) - Rs 228 = 98.
Total - 4045 = 29.
Rate / M³ - Rs 1428 = 42 / M³.

Carrriage Cost

Carrriage for bricks (1 M³ bat) Rs 50 NO @ 669 = 50 / M³ - Rs 199 = 06
Locum Land 0.220 M³ @ 97 = 00 / M³ - Rs 21 = 94.
Cost of Land with Royalty
Rs 141 = 95 / M³ Total Rs 1648 = 81
31 = 24
Total 1680 = 00

2. Granular sub. base, with well
Graded Material, Table 400.1 by
Mix and Place Method for grading
II Material an. complete job.
@ - 300.00 M³

Labels - Mate - 0.48 NO @ 805.00 - Rs 146 = 40
Maxdarrun Skilled - 2.0 NO @ 364.00 - Rs 728 = 00
Maxdarrun Skilled - 10.0 NO @ 287 = 00 - Rs 2870 = 00
Machine 24

Tractor Mounted Grader 6.0 Hour @ 573 = 20 Rs 3439 = 20
Three wheel 80-100 KM Starrevolved
10 M³ / Hour 30.0 Hour - @ 808 = 00 / Hour - Rs 24090 = 00

Tractor with rotator 12.0 Hour @ 573 = 20 - Rs 6878 = 40
25 M³ / Hour
Water Tanker 6K9 Capacity 5.0 H @ 184 = 00 - Rs 920 = 00
Total 39072 = 00

Material

Course Graded Granular sub base
53MM to 9.5MM, 9.5% - 134.40 M³ @ 604 = 91 / M³ - Rs 80695 = 00
9.5MM to 2.36MM, 15% 96.00 M³ @ 514 = 58 / M³ - Rs 49440 = 00
2.36MM to 0.425MM, 15% 153.60 M³ @ 141 = 95 / M³ - Rs 21788 = 00
Add over head charge 6% - Rs 1200 = 00
Total - 1,92,155 = 00
11529 = 00
Total - 2,04,084 = 00

Bf - 2,04,084 = 00
 New / MB Rate - Rs 680 = 28 / MB

Carrage Cof -

HSB material 0.768 MB @ Rs 1221 = 82 / MB
 Local Sand 0.512 MB @ Rs 97 = 00 / MB - Rs 49

New fixed Rate - Rs 1668 = 20 / MB, Total - Rs 98

Item 110-3 Supply of Empty Cement Bag.
 (Synthetic should be old but in good condition of 1.2 cat capacity with Carrage, Local Sand with Cof and Carrage, Labor Cost including Cost of Nylon for filling Empty Bag through local sand, carrying, stacking properly ... all comprise sub work as per specific contract and duration of 2/3

Qty - 100.0 x 10

Old Empty Cement / E.C. Bag 100.0 MB @ 4 = 07 / Bag - Rs 407 = 01
 Stacking with Nylon 2 MB @ 30 = 00 / MB Rs 60 = 00
 Unskilled Labor for filling Stacking 1.67 MB @ 287 = 00 Rs 479 = 29

Unskilled Labor for carrying and placing 3.0 MB @ 287 = 00 Rs 861 = 00

Skilled for stacking - 0.98 MB @ 364 = 00 Rs 120 = 12

Carrage for Empty Cement Bag 100 MB @ 113 = 23 / MB Rs 11 = 32

Cost of Local Sand Total - 1938 = 73

$\frac{100 \times 1.2}{35.31} = 3.399 \text{ MB}$

Mine charge of machine - 0.332 MB @ 50 = 00 / MB - Rs 16 = 60

Add G.P. O.H.C

Hence Rate / Bag

Carrage Cof for Bag say 0.034 MB @ 97 = 00 / MB Rs 3 = 20

Item 110-4 Providing W.P.M. Crane 11/2 ... all comprise sub work through mechanical means. 29 = 14 / Bag.

RATE ANALYSIS
 Taking out Put - 360 cum.
 LABOUR

Man - 0.68 MB @ 305 = 00 - Rs 207 = 40
 Skilled Mazdoor - 2.0 MB @ 364 = 00 Rs 728 = 00
 Unskilled Mazdoor - 15.0 MB @ 287 = 00 Rs 4305 = 00

Machine Bay

Tractor Mounted Grader for grading 14.40 — 57920 — 8254
 100 M³ / day

Three wheel ROPS 80-100 km/hr 45.0 M — 8030 — 3619
 Water Tank 600 Capacity — 2400 — 18420 — 2416

Material
 Grading 50 mm to 22.5 mm 0.9 M — 435.6 M — 51244 R²¹²²⁷
 Stone screening 75 mm to 17.5 mm 144 M — 86.40 M — 397273 R³⁴³⁶
 Water over head charge 6% — 19017 = 1
 Total 335969 = 7
 Say 993 = 25 / M

Carriage
 for aggregate 1.21 M³ C
 Stone screening — 0.24 M³ C
 Total — / M³

5. WBM Gr II
 100 M³ • 68 M³ C 905 = 00 — 207 = 40
 Graded 2.0 M³ C 364 = 00 — 728 = 00
 Crushed 15.0 M³ C 287 = 00 — 4305 = 00
 Tractor mounted Grader 14.40 M³ C 573 = 20 — 8254 = 00
 Three wheel ROPS 45.0 C 803 = 00 — 3619 = 00
 Water tank 600 — 2400 C 184 = 00 — 4416 = 00
 Material
 Grading II — 435.40 M³ C 427 = 69 — 186902 = 00
 65 mm to 45 mm 96.01 C 345 = 22 — 33145 = 00
 Stone screening 75 mm to 17.5 mm 144 M³ C 131 = 28 — 3781 = 00
 Screening material 28.80 M³ C 40 = 00 — 5760 = 00
 Water 144 M³ C 40 = 00 — 259200 = 40
 Total 15182 = 00
 Add 0.1% C 216825 = 00
 745 = 09 / M³
 2183,033 = 40
 16,982 = 00
 Add over head 6% —
 Rs 3,00015 = 00
 Stone rate / M³ — Rs 833 = 37 / M³

Carriage —
 Stone aggregate — 1.21 M³ C
 Screening material — 0.24 M³ C
 Material — 0.08 M³ C

Signature

6. Construction of Road Embankment
 Material obtain from borrow pits.
 1.1m — all comp. max on PLS
 Clause, 300.1, 300.2, with lend up B
 to 1000.0m. — Out put — 100.0m

Mate — 0.04 NO C 305 = 00 — R 12 = 20
 Unsuitable — 1.0 NO C 287 = 00 — R 287 = 00

Machinery

113 drawnc excavate 0.9m³
 bench of 60m³/hr — 1.67 H C 1969 = 20 — R 3288 = 56
 Tipper 5.5 cum with 10t capacity — 4.50 H C 1043 = 00 — R 4693 = 50
 10% for carrying tipper — R 469 = 35

Doser D-50 for spreading 100m³/hr — 0.50 C 3337 = 90 — R 1668 = 95

Tractor Mated Grader — 1.04 hr C 573 = 00 — R 573 = 20
 Water Tanker 6 kg capacity 2.0 hrs C 184 = 00 — R 368 = 00

Three wheel Roller 80-100 KN 1.25 H — 803 = 00 — R 1003 = 75

Static Roller 80m³/hr — 1.25 H — 803 = 00 — R 348 = 00

Compensation of earth — 100.0m³ C 34 = 9 — R 348 = 00

Water 12.0m³ — C 40 = 00 — R 480 = 00

Add O.H.C 6%

Rate 173 = 06/m³

Item 7 Labor for cutting 62mm to 75mm
 and bamboo, PLS for
 and making shoes and driving etc.
 all comp. max.

Out put — 30.5m

Assuming 20m pile shank 1.5m deep

Labor

Carpenter Grade II — 0.25 NO C 345 = 00 — 86 = 25

Unskilled Maxdax — 2.5 NO C 287 = 00 — 717 = 50

Add Over Head 6%

R 803 = 75
 48 = 22

851 = 97

Item 8 Labor for forming and C 28 = 40/meter.

62mm to 75mm and bamboo running

in position at every vertical pile with 150mm

Comp nail & 38 SWH 0.9 size — all comp. max

Out put — 30.5m

Nails 150mm long — 1.5 kg C 55 = 84 — 27 = 92

Carpenter Grade II — 0.25 NO C 345 = 00 — 43 = 13

Unskilled Maxdax — 0.25 NO C 287 = 00 — 71 = 75

Add Over Head 6%

Material — 4 = 92 / m³ of work.

142 = 80
 8 = 57
 150 = 37

कार्यालय
कार्यपालक अभियंता, ग्रामीण कार्य विभाग
कार्य प्रमंडल, समस्तीपुर।

पत्रांक ०१ Dalsingh Sarai

दिनांक 25.1.21

प्रेषक, कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, समस्तीपुर।

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, दलसिंहसराय।

विषय— FDR योजनान्तर्गत कराये गये कार्य का जॉच करने के संबंध में।

प्रसंग— आपका पत्रांक, Camp Dalsingh Sarai दिनांक 22.01.2021.

महाशय,

उपरोक्त विषयक प्रासंगिक पत्र के संबंध में कहना है कि एफ0डी0आर0 योजनान्तर्गत स्थल के जॉचोपरांत जॉच कर वापस की जाती है।

अनु0— यथोक्त।

विश्वासभाजन

25.1.21

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, समस्तीपुर।

कार्यवाहक अधिकारी, ग्रामीण कार्य विभाग, कार्य परामर्श, दफ्तरिदारग

वर्ग का नाम	अधिकृत नाम (पं.)	वर्ग का नाम	वर्ग का नाम	GST @12%	L.Cess@1%	S.F.Cess@10%	Total	अधिकृत
2	3	4	5	6	7	8	9	10
Flood Damage Repair of Road L.030 to Jharna	Dr. V. K. Singh	Dr. V. K. Singh	5,76,117	69,726.20	5761.17	—	6,51,404.37	Dr. V. K. Singh
Flood Damage Repair of Bridge in Bibhutiapur Block	Dr. V. K. Singh	Dr. V. K. Singh	26,71,349.16	3,20,566.59	26,713.49	—	34,93,629.24	Dr. V. K. Singh
Across Budhi Gansda River near Mithi	Dr. V. K. Singh	Dr. V. K. Singh	4,40,541.20	52,864.94	44,054.12	—	5,37,460.26	Dr. V. K. Singh
Flood Damage Repair of Road T.03 M.03 to Mithi	Dr. V. K. Singh	Dr. V. K. Singh	8,40,193.10	1,00,827.72	84,019.31	—	9,25,040.13	Dr. V. K. Singh
Total	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh
Flood Damage Repair of Road L.030 to T.03 P.03	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh
Flood Damage Repair of Road L.030 to D.030 T.03	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh
Flood Damage Repair of Road Laguna to Mithi	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh
Bachampur A.030	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh
Flood Damage Repair of Road L.030 to S.030 T.03	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh
Flood Damage Repair of Road S.030 Mithi to	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh
Mithi T.03 S.030	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh
Total	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh
Flood Damage Repair of Bridge in Bibhutiapur Block	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh
Across Kurat on river Budhi Gansda	Dr. V. K. Singh	Dr. V. K. Singh	1,24,03,990.62	1,49,980.45	12,40,390.62	—	13,63,761.69	Dr. V. K. Singh

ग्राम विभाग, मीठा 17/6/2021
Dr. V. K. Singh
EE R.030 Jharna

Dr. V. K. Singh
17/6/2021
अधिकृत अधिकारी
ग्रामीण कार्य विभाग,
कार्य परामर्श दफ्तरिदारग