

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमण्डल चकिया, पूर्वी चम्पारण,
पत्रांक: 581/अनु0, चकिया/दिनांक: 20/03/2020

सेवा में,

मेसर्स राज कंस्ट्रक्शन (Reg. No.-2161468),

ग्राम-प्रोफेसर कॉलोनी, बारा चकिया,

जिला-पूर्वी चम्पारण, बिहार।

पिन-845412, मो0 नं0-9934730605

विषय:-कार्यादेश के संबंध में।

प्रसंग:-मुख्य अभियंता-3, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक-958/
दिनांक-04.02.2020 एवं अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल,
मोतिहारी का पत्रांक- अनु0, मोतिहारी/दिनांक-

महाशय,

उपर्युक्त विषयक प्रसांगिक पत्र के द्वारा मुख्यमंत्री ग्राम संपर्क योजना (सामान्य)
(MMGSY Gen) अन्तर्गत **World Bank Road Vishnu to Sumeru Kanu Toli**
Tak Path Nirman कार्य आप के नाम से आवंटित हुआ है तथा आपके द्वारा
एकरारनामा कर लिया गया है। अतएव आपको उक्त कार्य दिनांक:- 20.03.2020
से प्रारंभ कर निर्धारित अवधि (12 माह) 19.03.2021 तक समाप्त करने हेतु
कार्यादेश दिया जाता है।

अतः आप सम्बंधित कनीय अभियंता एवं सहायक अभियंता के देख रेख में उक्त
कार्य को मानक विशिष्टियों के अनुरूप निर्धारित अवधि में सम्पादित करना सुनिश्चित
करें। MIX Design - से करा कर ही कार्य करायें।

विश्वासभाजन,

३० -

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल-चकिया।

ज्ञापांक:-

दिनांक:-

प्रतिलिपि-सम्बंधित सहायक अभियंता/कनीय अभियंता को सुचनार्थ एवं आवश्यक
कार्रवाई हेतु प्रेषित। आपको निर्देशित किया जाता है कि उक्त कार्य अपनी देख रेख
में विशिष्टियों के अनुरूप सम्पादित कराना सुनिश्चित करें।



कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल-चकिया।

20.03.20

C.E-3, RWD, Bihar, Latter No. 958 /Dated- 04.02.2020, S.B.D No:- 57/2019-20

Name of Contractor- **M/S Raj Construction (Reg. No.-2161468),**
At- Professor Colony, Post-Bara Chakia, East Champaran.
Pin Code-845412, Mob. No.- 9934730605

Name of Work - **Construction of Road & CD Works with Maintenance from**
World Bank Road Vishnu to Sumeru Kanu Toli Tak
Path Nirman Road under MMGSY Gen.

Construction Const- **Rs.6869195=00, (Rupees- Sixty eight lakhs sixty nine**
thousand one hundred ninety five) only.

Maintenance Const- **Rs.553181=00, (Rupees- Five Lakhs fifty three thousand**
one hundred eighty one) only.

Agreement Value- **Rs.7422376=00 (Seventy four Lakhs twenty two**
thousand three hundred seventy six) only.

Performance Security -(Required Amount) **Rs.195000=00 Rupees- (One Lakhs**
ninety five thousand) only. Deposit Amount NSC
Rs.85000(+)+75000=160000(+)+FD Rs.35000=
= 195000/-

Rate - **2.50 % (Below)**

Date of Work Order - **20-03-2020**

Item of Work - **1 TO 52**

Contract Date of Completion - **19-03-2021**

M/s RAJ CONSTRUCTION

Chakia

Partner

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमुख, चकिया
12/3/2020
20.03.2020

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

रु.1000

ONE THOUSAND RUPEES

Rs.1000

बिहार BIHAR

19-2-2020

AF 372669

Stamp: Notary
L.N.-155/20-81
BARA CHAKIA

Agreement Form

Agreement No. 57 SBD-2019-20 Dated:- 20.03.20

This Agreement made the _____ day of _____ 2020, between **Executive Engineer, RWD (W) Division, Chakia.** of the one part, and **M/S Raj Construction (Reg. No.-2161468), At- Professor Colony, Post-Bara Chakia, East Champaran, Bihar, Pin Code-845412, Mob. No.- 9934730605** Whereas the Employer is desirous that the Contractor execute **Construction of Road & CD Works with Maintenance from World Bank Road Vishnu to Sumeru Kanu Toli Tak Path Nirman. Road under MMGSY Gen** and thereafter undertake routine maintenance for five years; and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of any defects and routine maintenance therein at a cost of **Rs.7422376=00 (Seventy four Lakhs twenty two thousand three hundred seventy six) only.**

NOW THIS AGREEMENT WITNESSETH as follows:-

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.

2. In Consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract and undertaking routine maintenance for five years.

M/s RAJ CONSTRUCTION

Chakia

Partner

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रगटल, दक्षिण

Tender Inviting Authority:- Executive Engineer, R.W.D. Works Division, Chakla

Name of Work:

World Bank Road Vishnu to Sumeru Kanu Toll

Contract No: Civil Works

Sl No	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
1	Construction of Reference & Working Benchmark as per specification and drawing 200.1 & 200.2	1.29	Per Km.	10,041.33	12903.11
2	Construction of Reference Pillars/Burjees as per specification and drawing 200.1 & 200.2	1.29	Per Km.	9,379.37	12052.49
3	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	0.39	Hectare	49,496.70	19303.71
4	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	487.01	Cum.	174.83	85144.17
5	Construction of subgrade & earthen shoulders with approved material obtained from borrow pits with all lifts and lead, transporting to site, spreading, grading to required slope and compacted to meet requirement of Tables 300.2 with lead upto 1000m as per Technical Specification Clause 301.4.1	953.55	Cum.	176.47	168272.97
6	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 100m as per Technical Specification Clause 301.5.	1136.36	Cum.	58.59	66579.30
7	Excavation for roadway in soil using manual means for carrying of cut earth to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause 302.3	127.88	Cum.	74.10	9475.91
8	Laying brick soling layer on prepared sub-grade with brick on , graded and cross-section shown on the drawing filling joints with sand and earth, over brick soling, watering and rolling the same with three wheeled Road roller 80-100kN as per TS clause 412.	176.25	Sqm.	471.27	83061.34
9	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 three wheel 80-100 kN static roller capacity to achieve the desired density, complete as per Technical Specification Clause 401 (For Grading I Material)	582.35	Cum.	2,553.91	1487269.49
10	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	353.88	Cum.	3,192.58	1161716.01

N: RAJ C. Chakla

कुमार सिंह
Partner

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल - मारतहारी

8/11

July

Contract No: Civil Works

Divder
Name:

SCHEDULE OF WORKS

Excess (+)

%

Sl No	Description of work	No. or Qty	Unit	Estimated Rate Figure	AMOUNT Rs. P
11	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0kg/sqm using mechanical means as per Technical Specification	3976.88	Sqm.	40.80	162654.39
12	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25-0.30kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	3976.88	Sqm.	13.87	55159.33
13	Mix Soil Surfacing (Type B) By Mechanical Means - Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to 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 three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509	3976.88	Sqm.	193.10	767935.53
14	Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M 25 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork, spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical Specification Clause 1501	142.41	Cum	6,566.25	937947.86
15	(i) 5th Kilometre Stone (precast)- Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703	0	Each	3,933.33	0.00
16	(ii) Ordinary Kilometre Stone (Precast)- Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703	2	Each	2,407.37	4814.74
17	(iii) 200 m stone (precast)- Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703	5	Each	648.36	3241.80

MIRAJ CONSTRUCTION

Chakia

अधीन कृष्ण सिंह
Partnerअधीन अभियन्ता
ग्रामीण कार्य विभाग
कार्य अचल - मातहारी

Contract No: Civil Works

Bidder Name:

Excess (+)

%

SCHEDULE OF WORKS

Sl No	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT
				Figure	Rs. P
18	Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	25	Each	525.14	13128.50
19	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701 (For culverts)	55.80	Sqm.	96.40	5379.12
20	Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ of 1 litre for 2 sqm. (at rigid pavement below road marking)	47.00	Sqm.	90.30	4244.10
21	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes.	257	Sqm.	735.40	186997.80
22	Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade as per drawings and Technical Specification Clause 1701	220	/cm ht/letter	0.50	110.00
23	Providing and fixing of typical MMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1	2	Each	11,330.69	22661.38

Approved

अधीक्षक अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल - मोतिहारी

AS RAJ CONSTRUCTION

Chakia

मुन्शी कुमार सिंह

Partner

Contract No: Civil Works

Bidder Name:

Excess (+)

%

SCHEDULE OF WORKS

Sl No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
24	Providing and fixing of typical Maintenance Board as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1	2	Each	11,330.69	22661.38
25	600 mm equilateral triangle- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting as per drawings and Technical Specification Clause 801	16	No.	3,704.13	59288.08
26	600 mm Circular- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting as per drawings and Technical Specification Clause 801	6	No.	5,018.15	30108.90
27	600 mm x 450 mm rectangular- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting as per drawings and Technical Specification Clause 801	2	No.	4,317.78	8635.52
28	900 mm side octagon- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting as per drawings and Technical Specification Clause 801	2	No.	8,274.61	16549.22
29	Providing and laying 300 mm Dia. RCC Hume pipe NP-3 for irrigation purpose	30.00	RM	843.36	25300.80
30	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	109.60	cum	285.17	31254.63
31	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108 - rate as per item No. 11.2 (i) of Chapter 11	4.88	cum	421.91	2058.92
32	Brick Flat Soling in foundation:- Brick Flat Soling in foundation Trenches as per drawing and technical specification Clause 1108	0.00	sqm	287.55	0.00
33	Providing PCC Grade M15 for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	7.56	cum	5,721.94	43257.67
34	Brick Masonry work in cement mortar (1:4) in head well complete as per drawing and technical specification clause 1109 in cement mortar 1:4	0.00	cum	5,929.14	0.00

CONSTRUCTION

Chakia

कुशील कुमार सिंह

partner

अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कलकत्ता-700016

BHV

JCH

Tender Inviting Authority: Executive Engineer, R.W.D. Works Division, Chakia
Name of Work: World Bank Road Vishnu to Sumeru Kanu Toll

Contract No: Civil Works

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
35	Providing and laying 1000 mm Dia. RCC pipe NP-3 for culverts on first class bedding of PCC M10 (1:3:6) in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head	0.00	m	3,958.03	0.00
36	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	0.00	sqm	181.31	0.00
37	Providing 1.5 mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E/I	0.00	sqm	61.24	0.00
38	Providing Reinforced cement RCC GRADE M-25 concrete in box cell complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204.	45.42	cum	7,325.93	332789.16
39	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.6 (Granular Materials)	28.80	cum	2,465.56	71038.93
40	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7	40.00	Each	90.59	3623.60
41	Providing and laying boulder apron for bed protection with stone boulders of minimum size and weight as per Table 1300.1, no fragment weighing less than 25 kg laid dry complete as per drawing and technical specifications Clause 1301.	37.80	cum	3,150.02	119070.76
42	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	3.22	MT	61,222.84	197137.54
43	Providing and laying RCC pipe NP-3 800 mm dia for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106	0.00	m	2,206.40	0.00
44	Add GST @ 12%				748176.52
45	Add Cess @ 1%				62348.04
	Total Construction Cost (A) =				70,45,329.93
46	Maintenance for 1st year	1	Year	51588.00	51588.00
47	Maintenance for 2nd year	1	Year	65398.00	65398.00
48	Maintenance for 3rd year	1	Year	105721.00	105721.00
49	Maintenance for 4th year	1	Year	128369.00	128369.00
50	Maintenance for 5th year	1	Year	151017.00	151017.00
51	Add GST @ 12%				60251.16
52	Add Cess @ 1%				5020.93
	Total Maintenance Cost (B) =				5,67,365.09
	Total estimated cost (A+B) =				76,12,694.02

70,45,329.00

Seventy four thousand five hundred and twenty nine

only

Rs. 76,12,694.02

only

Rs. 76,12,694.02

only

Rs. 76,12,694.02

only

Rs. 76,12,694.02

[Signature]

अधीक्षक अभियंता

प्रमाण कार्य विभाग

कार्य अचल-माहिदारी

प्रमाण

मा. 7.1

07.19

M. RAJ CONST.

Chakia

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