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आजमगरी



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06.11.19
बिहार BIHAR
11 OCT 2019
प्राधिकृत पदाधिकारी

EE RWD WORKS Division Manihari
Katihar 508 Agreement

AE 145084

M. MIDG. 11.19
State de.
L. No. 1789
MOUR. PURNEA

Revised Agreement of Road P.M. Sadak Mulaibari To Parihar

Tola Under MMGSY

Revised Agreement No. 30/SBD/30/6/20 S.B.D. day of year- 2020-21

On the basis of revised and approved B.O.Q. of S.E. RWD Works Circle, Purnea.
Lt. No.- Anu Dated- 12/5/20 (Part of this Agreement) this revised
agreement is made on dated 30/6/20 between Executive Engineer, R.W.D.
Works Division Manihari and Contractor **Gajmattia Infrastructure Pvt. Ltd.,**
Khuskibagh, Purnea. (State- Bihar) in compliance of letter No.-1248 dt-
12.03.2019 of Chief Engineer-2, R.W.D. Bihar Patna. For the MMGSY Road
namely Construction and maintenance of road **P.M. Sadak Mulaibari To Parihar**
Tola Under MMGSY (Block :- Azamgar) – Rs.- 94,91,196.00 (**Ninety Four Lac**
Ninety One Thousand One Hundred Ninety Six) Only. The original Agreement
No. of this scheme 30/SBD/2018-19a.

Gajmattia Infrastructure Pvt. Ltd.

[Signature]
DIRECTOR

[Signature]
Executive Engineer
Rural Works Department
Works Division, Manihari

NOW THIS AGREEMENT WITNESSETH as follow

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 and defects therein in conformity in all aspects with the provisions of the Contract and undertaking routine maintenance for five years.
3. The Employer hereby covenants to pay the Contractor in consideration or the execution and completion of the works and the remedying the defects wherein and undertaking routine maintenance for five year, the contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreements, viz:
 - i) Letter of Acceptance;
 - ii) Notice to Proceed with the works;
 - iii) Contractor's Bid;
 - iv) Contract Data;
 - v) Special Conditions of contract;
 - vi) General Conditions of Contract;
 - vii) Specifications;
 - viii) Drawings;
 - ix) Bill of Quantities; and
 - x) Any other documents listed in the contract Data as forming part of the contract.
5. Deduction :- I.T., Vat, Royalty & all other deduction will be deducted from each bill as applicable.

In witness where of the parties there to have caused this Agreement to be executed the day and year first before written.

The Common Seal of

Was hereunto affixed in the presence of :

Signed, Sealed and Delivered by the
said.....

.....
In the presence of :

Binding Signature of
Employer.....

Binding Signature of
Contractor.....

DIRECTOR

Executive Engineer
Rural Works Department
Works Division, Manbani

Tender Inviting Authority: Engg-in Chief RWD Patna

Name of Work: Construction of Road & CD Works Under (Road name) :

P.M. SADAK
MULAIBARI TO
PARIHAR TOLA

Contract No: Civil Works/

Bidder Name:		Excess (+)	%
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SCHEDULE OF WORKS

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
1	Setting Out Pillars Providing and fixing of Bench Mark Pillers @ four nos. per km as per drawings given and direction of Engineer in charge	1.52	Nos.	13967.09	21229.98
2	Clearing and Grubbing Road Land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removal of stumps of such trees cut earlier and unseviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification(clause201.1)	1.06	Hac.	47809.31	50869.11
3	Excavation for roadwork in soil with Hydraulic Excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections. And transporting to the embankment location with lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause	12.75	Cum	73.57	938.02
4	Cosntruction of Embankment with approved materials deposite at site from roadway cutting, excacvation from drain and foundaiton of other structure means graded and compacted to meet requirement of Table 300.1 and 300.2 as per Technical specification Clause 301.5 (60% of excavated material for roadwork	7.65	Cum	26.24	200.74

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DIRECTOR

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
5	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 100 m as per Technical Specification Clause 301.5	2305.52	Cum	106.44	245399.55
6	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	407.59	Cum	147.69	60196.97
7	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.	3978.26	Cum	149.82	596022.91
8	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement 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.	1133.48	Cum	3513.88	3982912.70
9	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	436.05	Cum	4304.16	1876828.97

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	
				Figure	
10	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 0.70-1.0 kg/sqm using mechanical means as per Technical Specification Clause 502	5163.75	Sqm	47.12	2433
11	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503.	5163.75	Sqm	17.80	9191
12	Mixed seal Surfaceing (Type B) Providing, laying and rolling of close graded premix surface material of 20 mm thick composed 11.2 mm to 0.9 mm (Type A) or 13.2 mm to 0.09 mm (Type B) aggregate using penetraiotn grade bitumen to required line, grade and level to serve as wearing course on a previously base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller and finishing to required level and graded as per Technical Sepecification Clsuse 509 Type B.	5163.74	Sqm	210.50	10869

Gajmattia Infrastructure Pvt. Ltd.

Dr. Singh

DIRECTOR

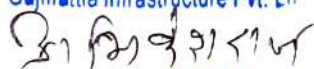
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
13	Cement Concrete Pavement Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any type as per Clause 1501.2.2 M25(Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25mm, 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 (steel channel, 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 Unit=cum	104.04	Cum	8070.03	839606.24
14	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				
15	5th km stone	0.00	Nos.	0.00	0.00
16	KM STONE	2.00	Nos.	2597.45	5194.90
17	200 m stone (precast)	6.00	Nos.	677.76	4066.56

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DIRECTOR

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
18	PROVIDING AND FIXING LOGO BOARD Providing and fixing of typical MMGSY informatory sign board with Logo as per MORD specifications and drawing. Two 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	2.00	Nos.	9736.44	19472.88
19	Printing new latters and figures of any shade printing new latter 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 specifications Clause 1701	88.00	per cm height per letter	0.51	45.26

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DIRECTOR

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs.
20	semi reflective Traffic Sign Providing and fixing of semi reflective cautionary, mandatory and informatory sign board as per IRC:67 made of 1.5 mm thick MS Sheet duly stove white colour in front and gray colour on back with red reflective border of 65 mm width and required letters and figures with reflective tape engineering grade as per Clause 1701.3.9 of MORD for Rural Roads of required shade and colour supported and welded on 47mm x 47 mm x 12 SWG sheet tube firmly fixed to the ground by mean of properly designed foundations with M-15 grade cement concrete 450x450x600 mm, 600 mm below ground level as per approved drawing Clause 1701.2.2				
21	600 mm equilateral & triangle, OR	8.00	each	1798.47	14387.72
22	900 mm equilateral & triangle, OR	0.00	each	1867.81	0.00
23	800 mm x 600 mm rectangular	2.00	each	1973.79	3947.58
24	600 mm x 450 mm rectangular	4.00	each	1860.15	7440.60
25	Painting lines dashes arrows etc on road in two coats on new work with ready mixed road marking paint conforming to on bituminous concrete surface including cleaning the surface if all dirt dust and foreign matter demarcation at sit and traffic contrl as per drawings and technical specifications Clause 1702	270.00	Sqm	119.94	32382.69
26	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	59.60	Cum	274.58	16363.71
27	PCC grade M 15 Providing M 15 (PCC 1.2,5;5) plain concrete in foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (PCC M-15)	9.19	Cum	6697.02	61545.61

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DIRECTOR

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs.
28	Plain reinforced cement concrete in substructure complete as per drawings and technical specifications Clause 802, 804, 805, 806, 807, 1202, and 1204. (M20)	67.49	Cum	7663.50	517178.87
29	Providing and laying RCC PIPE reinforced cement concrete pipe NP3 for culverts on first class bedding of granular 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 Clause 1106. (1000 mm Dia single row)	15.00	m	4436.39	66545.81
30	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 m as per Technical Specification Clause 202.				
31	Cement concrete	0.30	Cum	458.10	137.43
32	Reinforced cement concrete	3.36	Cum	1027.00	3450.76
33	Cement mortar	49.50	Cum	221.35	10956.67
	Sub - Total (A) =				9859520.16
	5 YEARS ORDINARY MAINTENANCE COST				
34	1st Year Maintenance cost	1.00	Year	58316.33	58316.33
35	2nd Year Maintenance cost	1.00	Year	75245.16	75245.16
36	3rd Year Maintenance cost	1.00	Year	150788.67	150788.67
37	4th Year Maintenance cost	1.00	Year	183002.29	183002.29
38	5th Year Maintenance cost	1.00	Year	218900.27	218900.27
	Sub - Total (B) =				686252.72
	Total Estimated cost in figer (A+B) =				10545772.88
	Quoted Amount				10545773.00
	Quoted Rate in Words				

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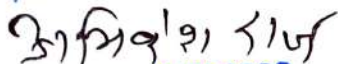
31/12/2019
DIRECTOR

Cost of B.O. (S.N 1 to 38) — Rs 1,05,45,773.00.
 (quoted rate @ 10% — Rs 10,54,573.00
 Rs 94,91,196.00

Revised B.O. approved for Rs 94,91,196/- Rs —
 Crores Ninety four Lac. Ninety one
 Thousand one Hundred Ninety six only)


 SUPERINTENDING ENGINEER
 R.W.D. WORKS BRIDGE, PURNIA
 (20/12/2020)
 12-12-2020

Gajmattia Infrastructure Pvt. Ltd.


 DIRECTOR