

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.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein 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 Agreement, viz:
 - i) Letter of Acceptance;
 - ii) Notice to proceed with the Works;
 - iii) Contractor's Bid;
 - iv) Contract Data;
 - v) Special conditions of contract and General Conditions of Contract;
 - vi) Specifications;
 - vii) Drawings;
 - viii) Bill of Quantities; and
 - ix) Any other document listed in the Contract Data as forming part of the contract.

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

5. Date of Commencement :-

6. Date of Completion :-

7. Contract Rate :-

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 _____

Ajay Kumar mandal

7.08
30/11/23
EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION, PURNEA
30/11/23

MMGSY
Bill Of Quantities

Name of Road :-		REO Path Gerua Chowk To Fakar Takla			
SL. NO	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT
1	Providing & Fixing of Working benchmark/Reference Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I	No	5.000	4094.420	20,472.10
	Benchmark Pillars 01 nos. per km	No	16.000	1874.330	29,989.28
	Reference Pillars 04 nos. per km				
2	Clearing and Grubbing Road Land Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification - clause 201.1 and direction of E/I (By Manual Means) In area of non-thorny jungle	Hect.	2.870	52970.330	1,52,024.85
3	Box Cutting :- 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	Cum	40.000	75.570	3,022.80
4	Construction of Embankment with Material Obtained from Roadway Cutting Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5.	Cum	24.000	26.680	640.32
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	Cum	1646.890	143.200	2,35,834.65
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	Cum	3954.550	190.360	7,52,788.14
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 & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	Cum	8755.650	192.040	16,81,435.03
8	Granular Sub-base with Well Graded Material (Table 400.1) :- 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. (For Grading I Material)	Cum	2759.280	2822.820	77,88,950.77
9	WBM Grading 3 :- 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.	Cum	1176.190	3407.820	40,08,243.81
10	Prime Coat (Low Porosity) :- 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 Clause 502	Sqm	11092.500	44.420	4,92,728.85

26/11/23
EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION, PURNIA

Ajay Kumar mandal

Name of Road :-		REO Path Gerua Chowk To Fakar Takla			
NO	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT
1	Tack Coat:- 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.	Sqm	11092.500	15.180	1,68,384.15
12	Mix Seal Surfacing Type B 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	Sqm	11092.500	203.240	22,54,439.70
13	Cement Concrete Pavement M30 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 M30 (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 (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), 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, dowel bars, near approaches to bridge/culvert and 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.	Cum	734.400	6639.230	48,75,850.51
14	Hard Shouldering :- Laying brick soling layer on prepared sub-grade with brick on end edging according to lines, graded and cross-section shown on the drawing filling joints with sand and earth, spreading 25 mm thick layer of earth over brick soling, watering and rolling the same with three wheel road roller 80-100 kN as per Technical Specification Clause 412	sqm	1200.000	507.590	6,09,108.00
15	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				
	Ordinary Kilometer Stone (Precast)	Each	5.000	2178.670	10,893.35
	200 m stone (precast)	Each	17.000	598.020	10,166.34
16	(I) Providing and Fixing 'Logo' of MMGSY Project :- 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 Appendix 1700.1	Each	6	9,659.42	57,956.52
17	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	per cm height per letter	308	0.54	166.32

Ajay Kumar mandal

EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS SECTION, PURNEA

30/11/23

30/11/23

Name of Road :-		REO Path Gerua Chowk To Fakar Takia			
ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT	
Boundry Pillar/ Guard Post 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	No	72	503.83	36,275.76	
Retro-reflectorised Traffic Signs :- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801	Nos	2	3,695.20	7,390.40	
600 mm equilateral & triangle	Nos	2	4,794.67	9,589.34	
600 mm x 450 mm rectangular	Nos	2	8,671.78	17,343.56	
900 mm side octagon, OR					
Road Marking with Hot Applied Thermoplastic Compound with Reflectorisng Glass Beads on Bituminous Surface :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorisng 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.	Sqm	580	721.95	4,18,731.00	
Road Marking with Hot Applied Thermoplastic Compound with Reflectorisng Glass Beads on Conctete Surface :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorisng 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.	Sqm	240	810.76	1,94,582.40	
Planting of tree by the road side (Avenue Tree) in 0.6 m dia holes, 1 m deep dug in the Ground, Mixing the soil with decayed farm yard/ slug manure, planting the saplings back filling the trench, watering, fixing the tree guard & maintain the Plant for One Year.	No.	290	844.59	2,44,931.10	
Hume Pipe Culvert					
Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	60.5	279.09	16,884.95	
Providing M15 (PCC 1:2.5:5) as levelling course in foundation :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	9.8	5,292.20	51,863.56	
Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (M20)	Cum	67.48	6,046.25	4,08,000.95	
Providing and laying RCC pipe NP-3 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	MT	15	3,696.01	55,440.15	
Painting on Parapet Wall (Black & White Strips) 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	Sqm	41.28	100.76	4,159.37	
RCC BOX CULVERT (1x 2.0 2.0 2.0)					
Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	460.48	279.09	1,28,515.36	
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	Cum	33.2	5,292.20	1,75,701.04	
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-20 Grade	Cum	133.6	5,846.91	7,81,147.18	
Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	MT	0.63	51,392.63	32,377.36	

Ajay Kumar Maholal

EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION, PURNIA

30/11/23

20/11/23

Name of Road :-		REO Path Gerua Chowk To Fakar Takia			
NO	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT
32	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 PCC M-20 Grade	Cum	65	6,046.25	3,93,006.25
33	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	Nos	144	110.55	15,919.20
34	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 RCC M-25 Grade	Cum	50.12	6,655.88	3,33,592.71
35	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	MT	7.2	51,538.61	3,71,077.99
36	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (With Sandy Materials)	Cum	131.92	752.08	99,214.39
37	Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.8	Cum	91.52	3,061.74	2,80,210.44
38	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	21.28	7,221.86	1,53,681.18
39	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	MT	1.84	52,668.53	96,910.10
40	Parapet Construction Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 (M20)	Cum	16.04	6,046.25	96,981.85
41	Painting on Parapet Wall 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	Sqm	110.6	100.76	11,144.06
42	Drainage spouts complete as per drawing and technical specifications Clause 1209	Nos	16	422.26	6,756.16
	RCC BOX CULVERT (1x 3.0 x 2.5)				
43	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	158.35	279.09	44,193.90
44	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	Cum	11.78	5,292.20	62,342.12
45	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-20 Grade	Cum	49.8	5,846.91	2,91,176.12
46	Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	MT	0.24	51,392.63	12,334.23
47	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 PCC M-20 Grade	Cum	31.93	6,046.25	1,93,056.76
48	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	Nos	60	110.55	6,633.00
49	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 RCC M-25 Grade	Cum	23.55	6,655.88	1,56,745.97
50	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	MT	3.44	51,538.61	1,77,292.82

Asay Kumar mandal

EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS COMMISSION, PURNEA

Name of Road :-		REO Path Gerua Chowk To Fakar Takla		
ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT
Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (With Sandy Materials)	Cum	80.42	752.08	60,482.27
Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.8	Cum	34.47	3,061.74	1,05,538.18
Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	9.46	7,221.86	68,318.80
Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	MT	0.81	52,668.53	42,661.51
Parapet Construction Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (M20)	Cum	5.48	6,046.25	33,133.45
Painting on Parapet Wall (Black & White Strips) 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	Sqm	37.44	100.76	3,772.45
Drainage spouts complete as per drawing and technical specifications Clause 1209	Nos	4	422.26	1,689.04
Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	Cum	1.91	11,873.74	22,678.84
Approach slab (M 30) : Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	14.07	9,855.29	1,38,663.93
PCC (M15) (Below Approach Slab) : PCC M15 Ordinary grade (1:2.5:5) levelling course below approach slab complete as per drawing and technical specifications clauses 800 and 1211.	CUM	7.04	5,717.53	40,251.41
Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	82.79	279.09	23,105.86
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	Cum	9.12	2,941.87	26,829.85
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-10 Grade Curtain wall	Cum	1.85	5,292.20	9,790.57
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	Cum	11.27	5,846.91	65,894.68

22/6/23
30/11/23

EXECUTIVE ENGINEER

RURAL WORKS DEPARTMENT
WORKS SECTION, PURNEA

Asay Kumar mandal

Name of Road :-		REO Path Gerua Chowk To Fakar Takia			
SL. NO	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT
65	300MM Irrigation Pipe Providing and laying of a reinforced cement concrete pipe duct 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in full constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	RM	75	899.76	67,482.00
66	Estimate For Dismantling 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.				
	Cement Concrete	Cum	3.38	497.81	1,682.60
	Reinforced Cement Concrete	Cum	12.78	1,128.62	14,423.76
67	Dismantling of existing structures like culverts, bridges, retaining walls and other structures comprising of brick masonry, including disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202.				
	Cement mortar	Cum	74.25	235.98	17,521.52
68	Removing all types of Hume pipes and stacking including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202.				
	Above 600 mm to 900 mm dia Hume pipe	RM	20	244.92	4,898.40
	Causeway (43 x 1000 mm dia) 78.81 m				
69	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	cum	433.79	279.09	1,21,066.02
70	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108 - rate as per item No. 11.2 (I) of Chapter 11	cum	445.06	493.78	2,19,762.13
71	Plain cement concrete M15 in levelling course below open foundation of head walls as per drawing and technical specification clause 1109	cum	59.32	5292.20	3,13,913.03
72	Plain cement concrete M20 in levelling course below Open Foundation of head walls as per drawing and technical specification clause 1109	cum	374.65	6046.25	22,65,219.26
73	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	Rm	180.00	3696.01	6,65,281.80
74	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	Cum	220.51	2941.87	6,48,718.73
75	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	cum	540.00	183.66	99,177.50
76	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	cum	41.11	2822.82	1,16,048.95

EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION, PURNEA

Ajay Kumar mandal

ITEM OF WORK	REO Path Gerua Chowk To Fakar Takla			
	UNIT	QUANTITY	RATE	AMOUNT
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.	cum	30.83	3407.82	1,05,074.17
Construction of un-reinforced, dowel jointed at expansion and construction joint only, 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 M30 (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 weight batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), 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, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and	cum	65.78	6639.23	4,36,712.62
COST OF CONSTRUCTION				Rs. 34278091.55
ADD 12% GST				Rs. 4113370.99
ADD 1% LABOUR CESS				Rs. 342780.92
SEIGNIORAGE FEE				Rs. 427489.12
TOTAL COST OF CONSTRUCTION (A)				Rs. 39161733.00
1st Year Maintenance Cost	Year	1	161487.00	1,61,487.00
2nd Year Maintenance Cost	Year	1	204540.00	2,04,540.00
3rd Year Maintenance Cost	Year	1	925743.00	9,25,743.00
4th Year Maintenance Cost	Year	1	373914.00	3,73,914.00
5th Year Maintenance Cost	Year	1	1053166.00	10,53,166.00
TOTAL COST OF MAINTENANCE				Rs. 2718850.00
ADD 12% GST				Rs. 326262.00
ADD 1% LABOUR CESS				Rs. 27188.50
SEIGNIORAGE FEE				Rs. 148244.77
TOTAL COST OF MAINTENANCE (B)				Rs. 3220545.00
TOTAL COST OF PROJECT (A+B)				Rs. 42382278.00

As per agreement below 11.52% = - 4882438.42
Final amount

37499839.58
16/10/23
Say = 374.998 lacs

Revised B.O.B. approved for amount Rs 3,74,998 40.00 (Rupees Three Crore Seventy four lacs ninety nine thousand eight hundred & forty) only

EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS SECTION, PUR

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पूर्णियाँ

Ajay Kumar mandal

17/10/23

ENGINEER