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बिहार BIHAR

Supplementary Agreement of 19 SBD/2020-21 18832

PS - Baisi Purnea for Ag

This Supplementary agreement made on between Executive Engineer, R.W.D. works Division Baysi of the one part & Md. Izhar Ahmad, Asst

परिवहन कोषागार नवलगढ़
विगत तिथि:-

29 APR 2024

Mobaiya, Baisi, Purnea Herein after called the contractor of the other part Md. Noor Alam
the Employer has accepted the Difference amount of sanctioned GST revised rate @ 18%
sanctioned by the Superintending Engineer, Rural works department, Works Circle, Bursera
via Letter Number 644 (अन) Dated 09.04.2024 for Rupees 2,23,778.00 (i.e Two Lakh

कोषागार पदाधिकारी

Twenty Three Thousand Seven Hundred Seventy Eight Only) as illustrated below:-

SI NO	Name of the road	Previously Approved Agreement (with below -0.10%) as per Work Done	Approved Agreemented Value including 18 % GST (with below -0.10%) as per Work Done
1	Gurihal to Sadipur	56,08,769.00	58,33,079.00
Total		56,08,769.00	58,33,079.00
Difference Amount		2,23,778.00	
Total Value of Agreement After Approval of 18% GST for the Above Road(1+2) [Original +Suppl.]Agreement		58,33,079.00	

ie Rupees Fifty Eight Lakhs Thirty Three Thousand Seventy Nine Only

In this Agreement, Words and expression shall have the same meanings as are respectively assigned to them in the Condition of contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.

4/5/24
30/05/24

Executive Engineer
Rural Works Department
Works Division, Baisi
30/5/24

NOW THIS AGREEMENT WITNESSETH as follows :-

1. The following documents shall be deemed to form and be ready and construed as part of this Agreement, Viz.
 - Letter of Superintending Engineer RWD works Circle ,Purnea
 - BOQ Approved
 - Original Agreement

It is expressly acknowledged and agreed by both parties that this supplementary agreement is intended to address specific aspects related to the GST claim, rest portion of execution, and maintenance of road, and it shall not in any way alter, modify, or affect the terms and conditions stipulated in the original agreement dated [Original Agreement Date]_____.

The original agreement remains in full force and effect, and any provisions not explicitly addressed in this supplementary agreement shall be governed by the terms of the original agreement.

In witness where of, the parties hereto execute this non-impact statement on the date first above written.

2. Deduction :- I.T, GST, Royalty & all other deduction will be deduced form each bill as per Govt. rule.

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

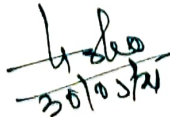
The Common Seal of


Was hereunto affixed in the presence of.....

Signed Sealed and Delivered by the said

In the presence of :

Binding Signature of Contractor


30/05/24


30/5/24
Executive Engineer
Rural Works Department
Binding Signature of Employer
Works Division, Baisi
30/5/24

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, पूर्णियाँ।**

पत्रांक644(2150).....

पूर्णियाँ/दिनांक ...7.../...4.../2024

प्रेषक,

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, पूर्णियाँ।

सेवा में,

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

विषय :- पुनरीक्षित परिमाण विपत्र स्वीकृत करने के संबंध में।

प्रसंग :- आपका पत्रांक 1862 दिनांक 07.11.2023

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के आलोक में सूचित करना है कि निम्नांकित पथ के स्वीकृत प्राक्कलन में 12% GST प्रावधान था, जबकि सरकार के पत्रांक 3322 दिनांक 05.12.2022 द्वारा GST 12% से बढ़ाकर 18% GST किए जाने के फलस्वरूप आपके द्वारा समर्पित GST प्रस्ताव की स्वीकृति दी जाती है। कार्यपालक अभियंता यह सुनिश्चित करेंगे की संवेदक द्वारा GST का भुगतान ससमय किया गया हो।

क्र०सं०	पथ का नाम	पुनरीक्षित परिमाण विपत्र की राशि (लाख में)	पूर्व में स्वीकृत परिमाण विपत्र की राशि (लाख में)	अंतर-राशि (लाख स्वीकृत में)
1	Gurihal to Sadipur	58330 79.00	56087 69.00	223778.00

विश्वासभाजन

(Signature)

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, पूर्णियाँ।

(Signature)
30/12/24

(Signature)
30/12/24
Executive Engineer
Rural Works Department
Works Division, Baisi

(Signature)
30/12/24

Authority: Engg-in Chief RWD Patna

Name of Work: Construction of Road & CD Works Under :

GURIHAL TO SADIPUR

SI

DIVISION:- BAISI

			Excess (+)	%
Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
WORK DONE BOQ @ 12% GST				
Providing & Fixing of Working Benchmark/Refrence Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I				
Benchmark Piller 01. Nos. Per Km.	1.000	Nos	4524.280	4524.000
Refference Piller 04. Nos. Per Km.	2.000	Nos	2073.600	4147.000
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	0.460	Hect.	49496.700	22768.000
Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m , transporting to the 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.	158.140	Cum	131.000	20716.000
Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m , transporting to the 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.	124.000	Cum	175.110	21714.000

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30/05/24

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30/05/24
Executive Engineer
Rural Works Department
Works Division, Baissi
[Handwritten signature]
30/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
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.	940.730	Cum	176.750	166274.000
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 smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. (For Grading I Material)	338.250	Cum	2831.380	957714.000
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.	0.000	Cum	3606.920	0.000
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 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502.	0.000	Sqm	42.610	0.000
Tack Coat :- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydriloe broom as per technical specification clause 503.	0.000	Sqm	14.610	0.000

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Executive Engineer,
Rural Works Department,
Works Division, Baisi

20/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
<p>Seal Surface :- 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</p>	0.000	Sqm	187.990	0.000
<p>Cement Concrete Pavement :- 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 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</p>	0.000	Cum	7568.350	0.000

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20/5/24
Executive Engineer
Rural Works Department
Works Division, Baisi
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30/5/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Shouldring:- 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 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	0.000	Sqm	503.510	0.000
Reinforced cement concrete M15 grade 1 kilometre local stone of standard design as per RC:8 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703.				
Ordinary Kilometer Stone (Precast)	0.000	Nos	2340.760	0.000
200 m Stone (Precast)	0.000	Nos	634.220	0.000
Providing and Fixing 'Logo' of MMGSY Project Providing and fixing of typical MMGSY informative 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	3.000	Nos	9460.890	28382.000

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Executive Engineer
Rural Works
Works Division

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Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Painting New Letter and figure of any shade with synthetic enamel paint black or any other approved colour to give an even shade as per drawing and technical specification Clause 1701.2.2	0.000	Per Cm Height Per letter	0.500	0.000
Boundary Pillar / Guard Post:- Reinforced concrete M15 grade boundary pillars/local stone of standard design as per drawing 1701.25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1701.24	0.000	Nos	507.860	0.000
Providing and fixing of Semi reflective cautionary, mandatory and informatory sign board :- 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				
600 mm equilateral & triangle	0.000	Nos	3818.100	0.000
600 mm Circular	0.000	Nos	5090.010	0.000
600 mm X 800 mm rectangular	0.000	Nos	7062.990	0.000
900 mm Octagon, OR	0.000	Nos	8985.880	0.000
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 & Maintenance the plant for One Year.	0.000	Nos	799.220	0.000

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Executive Engineer
Rural Works Department
Works I

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Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Providing and laying of 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.	0.000	Sqm	735.400	0.000
Providing and laying of hot applied thermoplastic Compound with Reflectorisng Glass Beads on Concrete 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.	0.000	Sqm	833.580	0.000
CD WORK HP CULVERT				
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.	0.000	Cum	285.170	0.000
Providing M15 (PCC 1:2.5:5) as levelling course if foundation:- Providing M15 (PCC 1:2.5:5) as levelling course if foundation concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15	0.000	Cum	5915.110	0.000
23 Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204. (M-20)	0.000	Cum	6798.440	0.000

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30/05/24

Executive Engineer
Rural Works Department
Works Division

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30/12/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
g Parapet Wall (Black & White Strip) g two coats including primer coat after the surface with synthetic enamel paint in des on new, plastered / concrete surface drawing and Technicals Specification e 1701	0.000	Sqm	95.630	0.000
ding and laying reinforced cement ete pipe NP3 for culverts on first class ing of PCC - 10 material in Double Row ding fixing collar with cement mortar 1:2 xcluding excavation, protection works, filling, concrete and masonry works in t walls and parapets as per Clause 1106.600 Dia	0.000	Rm	992.910	0.000
viding and laying of a reinforced cement crete pipe duct, 300 mm dia, across the road w construction), extending from drain to in in cuts and toe of slope to toe of slope in s, constructing head walls at both ends, roviding a minimum fill of granular material ver top and sides of RCC pipe as per RC: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.	0.000	Rm	9682.500	0.000
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	0.000	Cum	473.830	0.000


Signature

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30/12/24


Signature
30/12/24

Executive Engineer
Rural Works Department
Works Division, B&S
30/12/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
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 Mortar	0.000	Cum	228.720	0.000
Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202. Above 600 mm to 900 mm dia Hume pipe	0.000	Rm	228.680	0.000
Total Cost of Construction		Rs		1226239.000
Below As per Aggrement 0.10%		Rs		1225013.00
Add GST @ 12%		Rs		147001.56
Add Labour Cess @ 1%		Rs		12250.13
Total Construction Cost (A)		Rs		1384264.69
WORK TO BE DONE BOQ @ 18% GST				
Providing & Fixing of Working benchmark/Refrence Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I				
Benchmark Piller 01. Nos. Per Km.	0.000	Nos	4524.280	0.280
Refference Piller 04. Nos. Per Km.	0.000	Nos	2073.600	0.200
2 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 exeeding 150mm in thickness as per technical specification - clause 201.1 and direction of E/I	0.000	Hect.	49496.700	0.480


 30/05/24
 Executive Engineer
 Rural Works Department
 Works Division, Buisi
 30/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m transporting to the site spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a haul upto 1000 m as per Technical Specification Clause 301.5.	65.810	Cum	131.000	8621.450
Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m transporting to the site spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a haul upto 100 m as per Technical Specification Clause 301.5.	46.950	Cum	175.110	8221.050
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 haul upto 1000 m & 100 m as per Technical Specification Clause 303.1.	567.990	Cum	176.750	100392.260
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 smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. (For Grading I Material)	67.580	Cum	2831.380	191344.950
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.	187.910	Cum	3606.920	677776.340


 Executive Engineer
 Rural Works Department
 Works Division, Bhubaneswar
 30/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Primer coat (Low Porosity) :- Providing and applying primer coat with Bitumen emulsion on prepared surface of granular base after cleaning of road surface and spraying at the rate of 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502.	1338.750	Sqm	42.610	57044.140
Tack Coat :- Providing and applying tack coat bitumen emulsion using emulsion pressure applicator at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with water and cleaned with hydriloc broom as per technical specification clause 503.	1338.750	Sqm	14.610	19559.140
Seal Surface :- 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	1338.750	Sqm	187.990	251671.610

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30/05/24

Executive Engineer
Rural Works Department
Works Division, Bapatla

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30/5/24

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30/5/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Concrete Pavement :- Construction of concrete pavement, dowel jointed at expansion and contraction joint only, plain cement concrete of 150 mm thickness as per design, over a prepared sub base, with 43 grade cement or any other as per Clause 1501.2.2 M30 (Grade), and fine aggregates conforming to IS 6858, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of capacity not less than 0.2 cum capacity and appropriate batching machine using approved mix design, laid on prepared fixed side formwork (steel channel, 150 mm x 50 mm) and fixing of 125 micron thick polythene sheet on the formwork and edges, steel plates including levelling the surface as per drawing), spreading the concrete with shovels, rakes, compacted using roller, screed and plate vibrators and finished by trowelling operation including provision of expansion and contraction joints, construction joints, laying debonding strips, primer, sealant, reinforcement bars, near approaches to bridge/culvert construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water spraying to lines and grade as per drawing and technical specification	186.660	Cum	7568.350	1412708.210
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 surface with three wheel road roller 80-100 kN as per Technical Specification Clause 412	152.500	Sqm	503.510	76785.280
Reinforced cement concrete M15 grade 150 mm thick 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)	1.000	Nos	2340.760	2340.760
200 m Stone (Precast)	3.000	Nos	634.220	1902.660

Signature

Signature
20/05/24

Signature
20/05/24

Executive Engineer
Rural Works Department
Works Division, Basir

Signature
20/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
<p>ing and Fixing 'Logo' of MMGSY Project</p> <p>ing and fixing of typical MMGSY</p> <p>story sign board with Logo as per</p> <p>specifications and drawing. Three MS</p> <p>of 1.6 mm thick, top and middle plate</p> <p>lded with MS flat iron 25mm x 5m size</p> <p>on edges. The lower plate will be</p> <p>with MS angle iron frame of 25mm x</p> <p>5mm. The angle iron frame of the</p> <p>most plate and flat iron frame of middle</p> <p>ill be welded to 2 nos. 75mm x 75 mm</p> <p>WG sheet tubes posts duly embedded in</p> <p>concrete M-15 grade blocks of 450mm</p> <p>mm x 600mm, 600mm below ground</p> <p>The top most diamond plate will be</p> <p>ld to middle plate by 47mm x 47mm of 12</p> <p>steel plate tube. All M.S. will be stove</p> <p>led on both sides. Lettering and printing</p> <p>s, border etc. will be painted with ready</p> <p>synthetic enamel paint of superior quality</p> <p>uired shade and colour. All sections of</p> <p>d posts and steel tube will be painted with</p> <p>r and two coats of epoxy paint as per</p> <p>ing Clause 1701 and Annexure 1700.1</p>	2.000	Nos	9460.890	18922.450
<p>ing New Letter and figure of any shade</p> <p>synthetic enamel paint black or any other</p> <p>oved colour to give an even shade as per</p> <p>ing and technical specification Clause</p> <p>1.</p>	44.000	Per Cm Heigh t Per letter	0.500	22.000
<p>oundary Pillar / Guard Post:- Reinforced</p> <p>ent concrete M15 grade boundary</p> <p>ars/local stone of standard design as per</p> <p>:25, fixed in position including finishing</p> <p>lettering but excluding painting as per</p> <p>wing and Technical Specification Clause</p>	8.000	Nos	507.860	4062.880

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Executive Engineer
Rural Works Department
Works Division, Bani

30/5/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Providing and fixing of Semi reflective mandatory and informatory sign :- Providing and fixing of Semi reflective mandatory and informatory sign 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 701.3.9 of MORD for Rural Roads of required shade and colour supported and welded on 7mm 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				
600 mm equilateral & triangle	4.000	Nos	3818.100	15272.400
600 mm Circular	2.000	Nos	5090.010	10180.020
600 mm X 800 mm rectangular	2.000	Nos	7062.990	14125.980
900 mm Octagon, OR	2.000	Nos	8985.880	17971.760
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, panting the saplings back filling the trench, watering fixing the tree guard & Maintenance the plant for One Year.	66.000	Nos	799.220	52748.520
9 Providing and laying of hot applied thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface :- 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.	70.000	Sqm	735.400	51478.000

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Rural Works Department
Works Division, Bapat
30/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Providing and laying of hot applied thermoplastic Compound with Reflectorising Glass Beads on Concrete Surface : Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area. thickness 2.5 mm is exclusive of surface applied glass beads as per IRC 235. The finished surface to be level, uniform and free from streaks and holes.	61.000	Sqm	833.580	50848.380

CD WORK HP CULVERT

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.

15.660 Cum 285.170 4465.760

Providing M15 (PCC 1:2.5:5) as levelling course if foundation. Providing M15 (PCC 1:2.5:5) as levelling course if foundation concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203
PCC M-15

2.850 Cum 5915.110 16858.060

23 Plain/reinforced cement concrete in substructure complete as per drawings and technical specifications Clauses 802, 804, 805, 806, 807, 1202 and 1203. (M-20)

15.170 Cum 6798.440 103132.330

24 Painting Parapet Wall (Black & White Strip) painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surface as per drawing and Technical Specification Clause 1701

12.480 Sqm 95.630 1193.460

25 Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of PCC - 10 mm material in Double 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 1106.600 mm Dia

7.500 Rm 992.910 7446.830

30/05/24
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Rural Works Department,
Works Division, Buisson
30/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
<p>supply and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (in construction), extending from drain to drain in cuts and toe of slope to toe of slope in constructing head walls at both ends, providing a minimum fill of granular material over top and sides of R.C.C. pipe as per IRC: 98/1997, 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 150 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.</p>	2.000	Rm	9682.500	19365.100
DISMANTLING				
<p>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</p>	0.810	Cum	473.830	383.800
<p>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 Mortar</p>	30.690	Cum	228.720	7019.420
<p>29 Removing all types of storm pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of masonry Works as per Technical Specification Clause 202. Above 600 mm to 900 mm dia storm pipe</p>	5.000	Rm	228.680	1143.400
Total Cost of Construction		Rs		3205009.360

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30/05/24
 Executive Engineer
 Rural Works Department
 Works Division, P. No. 10/15/24

	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
		Rs		576901.68 -
		Rs		32050.09 -
		Rs		3813961.13 -
		Rs		3810147.00 -
YEARS ORDINARY MAINTENANCE				
1st Year	1.000	Year	19970.000	19970.000 -
2nd Year	1.000	Year	68529.000	68529.000 -
3rd Year	1.000	Year	178355.000	178355.000 -
4th Year	1.000	Year	79988.000	79988.000 -
5th Year	1.000	Year	190391.000	190391.000 -
Sub - Total (B)		Rs		537233.000 -
Add GST @ 18%		Rs		96701.94 -
Add Labour Cess @ 1%		Rs		5372.33 -
Total (C)		Rs		639307.270 -
Below As per Agreement 0.10%		Rs		638668.000 -
Grand Total (A+B+C)		Rs		5833079.000 -
Total Cost of Project (in Lakh)=		Rs		58.331 -
Rate in Words				

21/06/11/23
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Brish
6/11/23
A.P.

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06/11/23

B.O.Q. revised due to G.S.T. enhancement 12% to 18%

Revised B.O.Q. approved for amount Rs 58,33,079.00
(Rupees Fifty eight lakh thirty three thousand seventy nine) only.

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30/05/24

Executive Engineer
Rural Works Department
Works Division, Baisi
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20/05/24

अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पूर्णिया
04/04/24