



बिहार BIHAR

Supplementary Agreement of 1 SBD/2021-22

14 MAY 2024

कोषागार पदाधिकारी

This Supplementary agreement made on 30th May 2024 between Executive Engineer R.W.D. works Division Baysi of the one part & Shams Hayat Ali Khagana, Post-Dhusmal Hat, Baisi Purnea Herein after called the contractor of the other part. Whereas the Employer has accepted the Difference amount of sanctioned NGR revised rate @ 18% sanctioned by the Superintending Engineer, Rural works department, Works circle Purnea via Letter Number 655 (अ) Dated 09.04.2024 for Rupees 12,27,509.00 (i.e Twelve Lacs Twenty Seven Thousand Five Hundred Nine Only) as illustrated below:-

SI NO	Name of the road	Agreement (with below -0.06%) as per Work Done	GST (with below -0.06%) as per Work Done
1	Chandal to Knhur	2,33,71,857.00	2,45,99,366.00
Total		2,33,71,857.00	2,45,99,366.00
Difference Amount		12,27,509.00	
Total Value of Agreement After Approval of 18% GST for the Above Road (1+2) [Original + Suppl.] Agreement		2,45,99,366.00	

i.e Rupees Two Crores Forty Five Lacs Ninety Nine Thousand Three Hundred Sixty Six 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.

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

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

Handwritten signature
20/04/24

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20/04/24
Executive Engineer
Rural Works Department
Works Division, Ballia
Handwritten signature
20/04/24

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

पत्रांक 655 (अनु०)

पूर्णियाँ/दिनांक १/१/२०२४

प्रेषक,

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

सेवा में,

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

विषय :- **MMGSY (SC)** योजनान्तर्गत स्वीकृत योजनाओं में GST दर 12% से बढ़ाकर 18% करने के संबंध में।

प्रसंग :- आपका पत्रांक 734 (अनु०) दिनांक 21.03.2024

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के आलोक में सूचित करना है कि निम्नांकित पथ के स्वीकृत प्राक्कलन में 12% GST प्राक्धान 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
1	Chandal to Kanhur

विश्वासभाजन



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



Executive Engineer
Rural Works Department
Works Division, Barh



Inviting Authority: Engr-in-Chief RWD Patna

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

CHANDAL TO
KANHUR

Block :- BAISA

DIVISION: Baisi

Road Length :- 1.520

Excess (+)

%

SCHEDULE OF WORKS

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)

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
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 Working Benchmark Piller				
2	Working Benchmark Piller	2.000	Km	4434.230	8868.460
3	Reference Piller 04 Nos. per km	6.000	Km	2048.580	12291.480
4	Clearing and Grubbing Road Land including uprooting wild vegetation , grass,bushes,shurbs,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 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification(clause201.1) and direciton of E/I	1.060	Hect.	52970.330	56148.550
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	2019.700	Cum	143.200	289221.040

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30/05/24

Executive Engineer
Rural Works Department
Works Division, Baisi

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20/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
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	980.050	Cum	190.360	186562.320
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.)	3711.870	Cum	192.040	712827.510
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)	1136.030	Cum	3626.230	4119506.070
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.	436.050	Cum	4345.130	1894693.940

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Executive Engineer
Rural Works Department
Works Division, *Bah*
30/10/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
0) 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.	4781.250	Sqm	42.320	202342.500
1) 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 hydriloc broom as per technical specification clause 503.	4781.250	Sqm	14.410	68897.810

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Executive Engineer
Rural Works Department
Works Division, Baisi

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20/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Mix 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	4781.250	Sqm	209.850	1003345.310
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 Specification Clause	165.240	Cum	7796.350	1288268.870

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

	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
	Hard 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 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	135.000	Sqm	507.590	68524.650
5	KM Stone				
6	Reinforced cement concrete M15 grade kilometre 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.				
7	KM Stone	3.000	No	2462.240	7386.720
8	200 m Stone	6.000	No	645.910	3875.460

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Executive Engineer
Rural Works Department
Works Division, Bahadur
30/05/20

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
<p>Providing and Fixing 'Logo' of MMGSY Project</p> <p>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</p>	4.000	No	9927.460	39709.840
<p>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</p>	176.000	Per cm height per letter	0.540	95.040
<p>Boundary 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.</p>	32.000	No	525.020	16800.640

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30/5/24

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

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
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	8.000	No	3829.220	30633.760
600 mm Circular	6.000	No	5054.070	30324.420
600 mm X 450 mm rectangular	4.000	No	4928.700	19714.800
900 mm Side octaganon	2.000	No	8805.800	17611.600
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. Road Marking on BT	250.000	Sqm	721.950	180487.500
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. Road Marking on CC	54.000	Sqm	810.760	43781.040

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30/05/24*

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30/05/24*
Executive Engineer
Rural Works Department
Works Division, Bhat
30/05/24


Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P.
			Figure	
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.	125.000	Each	844.590	105573.750
CROSS DRAINAGE				
RCC BOX CULVERT (2.0 X 2.0)				
Earth work in excavated for foundation of structure open foundaiton 3.0 m depth as per drawing and technical specification Clasue 1104.	115.120	Cum	279.090	32128.840
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (PCC M15)	8.300	Cum	6355.860	52753.640
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (PCC M20)	33.400	Cum	6993.370	233578.560
Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	0.890	MT	49871.670	44385.790
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)	16.250	Cum	7199.640	116994.150
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	36.000	Nos	112.680	4056.480
Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 (RCC M25)	12.530	Cum	7864.450	98541.560

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30/05/24

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

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	1.070	MT	50017.660	53518.900
Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	32.980	Cum	752.080	24803.600
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	22.880	Cum	3837.440	87800.630
Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 (RCC M 30)	5.290	Cum	8464.860	44779.110
Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	0.450	MT	51147.580	23016.410
Parapet Construcion Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 (M20)	1.200	Cum	7199.640	8639.570
Painting on parapet wall Painting two coats including primer coat after filling the surface with synthetic enamel paint all shades on new, plasterd/concrete surface as per drawing and techniual specification Caluse 1701.	8.960	Sqm	100.760	902.810
Drainage spouts complete as per drawing and technical specifications Clause 1209	4.000	Nos	422.260	1689.040
RCC BOX CULVERT (3.0 X 2.50)				


 30/10/24
 Executive Engineer
 Rural Works Department
 Works Division, Baidya
 30/10/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT
			Figure	Rs. P
Earth work in excavated for foundation of structure open foundation 3.0 m depth as per drawing and technical specification Clause 1104.	158.260	Cum	279.090	44168.780
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (PCC M15)	11.780	Cum	6355.860	74872.030
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (PCC M20)	49.800	Cum	6993.370	348269.830
Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	0.240	MT	49871.670	11969.200
Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (PCC M 20)	31.930	Cum	7199.640	229884.510
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	60.000	Nos	112.680	6760.800
Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (RCC M25)	23.550	Cum	7864.450	185207.800
Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	2.010	MT	50017.660	100535.500
Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	80.420	Cum	752.080	60482.270

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Executive Engineer
Rural Works Department
Works Division, Baisi
12/1/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. p
			Figure	
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	34.470	Cum	3837.440	132276.560
Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 (RCC M 30)	9.460	Cum	8464.860	80077.580
Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	0.810	MT	51147.580	41429.540
Parapet Construcion Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 (M20)	1.830	Cum	7199.640	13175.340
Painting on parapet wall Painting two coats including primer coat after filling the surface with synthetic enamel paint all shades on new, plasterd/concrete surface as per drawing and techniucal specification Caluse 1701.	13.120	Sqm	100.760	1321.970
Drainage spouts complete as per drawing and technical specifications Clause 1209	4.000	Nos	422.260	1689.040
Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	1.910	Cum	12981.240	24794.170
Approch slab (M-30) :- Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5	12.600	Cum	11022.240	138880.220

Signature

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30/05/24

Signature
30/05/24

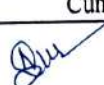

Executive Engineer
Rural Works Department
Works Division, Bangalore
Signature
30/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
P.C.C. M 15 (Below Approach Slab) ordinary grade (1:2.5:5) levelling course below approach slab complete as per drawing and technical specifications Clauses 800 and 1211.	6.300	Cum	6851.600	43165.080
RCC BOX CULVERT (1x 5.0 X 3.0)				
Earth work in excavated for foundation of structure open foundaiton 3.0 m depth as per drawing and technical specification Clause 1104.	183.840	Cum	279.090	51307.910
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (PCC M15)	16.090	Cum	6355.860	102265.790
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (PCC M20)	68.580	Cum	6993.370	479605.310
Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	0.380	MT	49871.670	18951.230
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)	55.630	Cum	7199.640	400515.970
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	54.000	Nos	112.680	6084.720
Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 (RCC M25)	44.100	Cum	7864.450	346822.250

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

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	4.130	MT	50017.660	206572.940
Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	120.010	Cum	752.080	90257.120
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	48.430	Cum	3837.440	185847.220
Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (Coping - PCC M 20)	20.250	Cum	8464.860	171413.420
Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 (RCC M 30)	1.730	Cum	51147.580	88485.310
Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	2.880	MT	7199.640	20734.960
Painting on parapet wall Painting two coats including primer coat after filling the surface with synthetic enamel paint all shades on new, plasterd/concrete surface as per drawing and technical specification Clause 1701.	20.160	Sqm	100.760	2031.320
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)	4.000	Cum	422.260	1689.040


 30/05/20
 Executive Engineer
 Rural Works Department
 Works Division, Baisi


	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
82	Drainage spouts complete as per drawing and technical specifications Clause 1209	3.020	Nos	12981.240	39203.340
83	Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	14.070	Cum	11022.240	155082.920
84	Approch salb (M-30) :- Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5	7.040	Cum	6851.600	48235.260
85	P.C.C. M 15 (Below Approach Slab) ordinary grade (1:2.5:5) levelling course below approach slab complete as per drawing and technical specifications Clauses 800 and 1211.	122.930	Cum	279.090	34308.530
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	14.400	Cum	3418.540	49226.980
87	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 (PCC M-10 Curtain Wall)	2.920	Cum	6355.860	18559.110
88	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204 (PCC M-15)	17.800	Cum	6993.370	124481.990
89	RCC BOX CULVERT (2x 5.0 X 3.0)				
90	Earth work in excavated for foundation of structure open foundaiton 3.0 m depth as per drawing and technical specification Clasue 1104.	278.090	Cum	279.090	77612.140
91	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (PCC M15)	24.540	Cum	6355.860	155972.800


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

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. p
			Figure	
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (PCC M20)	74.770	Cum	6993.370	522894.270
Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	0.720	MT	49871.670	35907.600
Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (PCC M 20)	56.720	Cum	7199.640	408363.580
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	80.000	Nos	112.680	9014.400
Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (RCC M25)	73.540	Cum	7864.450	578351.650
Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	6.980	MT	46006.510	321125.440
Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	123.950	Cum	752.080	93220.320

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20/05/24

Dr
20/05/24
Executive Engineer
Rural Works Department
Works Division, Balakrishna
20/05/24

Description of work	No. of Qty.	Unit	Estimated Rate	AMOUNT Rs. p
			Figure	
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	47.790	Cum	3837.440	183391.260
Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 (RCC M 30)	44.700	Cum	8464.860	378379.240
Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	4.700	MT	51147.580	240393.630
Parapet Construciton Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (M20)	5.520	Cum	7199.640	39742.010
Painting on parapet wall Painting two coats including primer coat after filling the surface with synthetic enamel paint all shades on new, plasterd/concrete surface as per drawing and techniual specification Caluse 1701.	37.760	Sqm	100.760	3804.700
Drainage spouts complete as per drawing and technical specifications Clause 1209	6.000	Nos	422.260	2533.560
Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	5.780	Cum	12981.240	75031.570
Approch salb (M-30) :- Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5	16.270	Cum	11022.240	179331.840

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20/5/24

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

30/05/24

Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	
P.C.C. M 15 (Below Approach Slab) ordinary grade (1:2.5:5) levelling course below approach slab complete as per drawing and technical specifications Clauses 800 and 1211.	7.040	Cum	6851.600	48235.260
Earth work in excavated for foundation of structure open foundation 3.0 m depth as per drawing and technical specification Clause 1104.	228.090	Cum	279.090	63657.640
75 mm thick Boulder top flooring:- P.C.C. M 15 ordinary grade (1:2.5:5) levelling course below approach slab complete as per drawing and technical specifications Clauses 800 and 1211	7.500	Cum	6851.600	51387.000
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	30.000	Cum	3743.160	112294.800
Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (PCC M-10 Curtain Wall)	6.080	Cum	6355.860	38643.630
Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (PCC M-15)	37.090	Cum	6993.370	259384.090
300 mm irrigation pipe				

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30/05/24

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20/5/24
Executive Engineer
Rural Works Department
Works Division
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20/5/24

Description of work	No. or Qty.	Unit	Estimated Rate	Amount
			Figure	
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 fills, 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.	30.000	Rm	941.960	28258.800
Estimate For Dismantling				
Dismantling of existing structures, like culverts, bridge, retaining wall and other structures comprising of brick masonry including unserviceable material and stacking the serviceable material with all lift and lead of 1000m as per technical specification clause 202.	7.990	Cum	497.810	3977.500
Cement Concrete	17.900	Cum	1128.620	20202.300
Reinforced cement concrete				
Dismantling of existing structures, like culverts, bridge, retaining wall and other structures comprising of brick masonry including unserviceable material and stacking the serviceable material with all lift and lead of 1000m as per technical specification clause 202.	61.880	Cum	235.980	14602.440
Cement mortar		Rs		19361438.500
Total Cost of Construction		Rs		3485058.93
Add GST @ 18%		Rs		193614.39
Add Labour Cess @ 1%		Rs		190281.58
Add Seigniorage Fee @ 10%		Rs		23230393.400
Total Construction Cost (A)		Rs		

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30/05/24

Executive Engineer
Rural Works Department
Works Division, Bangalore

Description of work	NA or Qty.	YAW	Estimated Rate Figure	AMOUNT Rs P
As per Aggrement Below @ 0.06 %		Rs		23216455.16
5 YEARS ORDINARY MAINTENANCE COST				
Ist Year	1.000	Year	69011.000	69011.000 ✓
II nd Year	1.000	Year	86852.000	86852.000 ✓
III rd Year	1.000	Year	363629.000	363629.000 ✓
IV th Year	1.000	Year	167932.000	167932.000 ✓
V th Year	1.000	Year	421901.000	421901.000 ✓
Sub - Total (B)		Rs		1109325.000 ✓
Add GST @ 18%		Rs		199678.50 ✓
Add Labour Cess @ 1%		Rs		11093.25 ✓
Add Seigniorage Fee @ 10%		Rs		63644.45 ✓
Total (C)		Rs		1383741.200 ✓
As per Aggrement Below @ 0.06 %		Rs		1382910.96 ✓
Grand Total Below As per Aggrement		Rs		24599366.120 ✓
0.55% (A+B) =		Rs		245.994 ✓
Total Cost of Project (in Lakh)=				
Rate in Words				

Dr. V. S. S.
16/03/24
or

Dr. P.
16/03/24
AE

Dr. M.
21/3/24
EE

0.5% revised due to G.S.T. enhancement 12% to 18%.
Revised B.O.Q. approved for amount Rs 245,99,366.00
(i.e. two crore forty five lakh ninety nine thousand
and hundred & sixty six) only.

Dr. M.
20/3/24

Executive Engineer
Rural Works Department
Works Division, B. S. S.

Dr. M.
20/3/24

Dr. M.
अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पूर्विी
03/04/24