

Revised T.S. Amount details

const. cost → 63.831 Lacs
Maint. cost → 6.056 Lacs
Total:- 69.887 Lacs

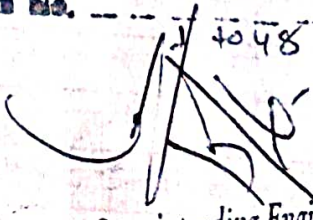
Revised BOQ Amount details


const. cost → }
Maint. cost → } 69,87,154 = 00
Total:- 69,87,154 = 00

AS per Agreement @ below (-) 10%.

(-) 6,98,715 = 00
Total:- 62,88,439 = 00

B.O.Q. is approved for Rs. 62,88,439 = 00
(sixty two lacs eighty eight thousand four hundred thirty nine
only from item No. --- to 48 ---)


Superintending Engineer
Rural Works Department
Works Circle, Gaya


Executive Engineer
RWD, Works Division
Sherghati

Executive Engineer
RWD, Works Division
Sherghati

MAINTENANCE OF ROAD FOR FIVE YEARS					
34	Restoration of rain cuts/Berms with soil, moorum etc.	231.76	Cum.	379.59	87974
35	Making up of Berms/Shoulder, stripping excess soil from the shoulder surfaces to achieve level etc.	1287.57	Sqm	56.81	73147
36	Repair of Pot holes filled with 75 mm WBM X 1.25	0.69	Cum.	9314.91	6427
37	Patch repair over Pot holes with 20 mm Premix Carpet and Seal Coat Type-B	153.28	Sqm	255.04	39093
38	Patch repair over Bituminous Surface with 20 mm Mix Seal Surfacing.	229.92	Sqm	260.96	60000
39	Crack Sealing- Filling of cracks and joints excluding crocodile cracking using liquid bituminous sealant in accordance with monthly work programme.	3270.00	M	3.63	11870
40	Maintenance of C.D. Works (Hume Pipe Culvert)	5.00	Nos	1102.81	5514
41	Maintenance of C.D. Works (Slab Culvert)	5.00	Nos	2273.67	11368
42	Road Marking	261.60	Sqm	736.00	192538
43	Maintenance of Road Sign	3.25	km	1054.28	3426
44	Maintenance of 200 m and km stone	3.25	km	613.75	1995
45	Cutting of branches of tree and shurbs	18.00	Nos	106.12	1910
46	Cutting of shurbs from roadway	3270.00	Nos	6.51	21288
47	Trimming of grass and weeds	7360.00	Sqm	2.17	15971
48	White washing on Parapet walls of C.D. works and Tree Trunks	210.00	Sqm	15.76	3310
Total -					535831
					6183322
					61833
ADD 1 % FOR LABOUR CESS					741999
ADD 12 % FOR G.S.T.					6987154
Total of Part - A					698715
LESS 10 % AS PER AGGREMENT					6288439
Total for the Project					

APPROVED AS SUPERINTENDING ENGINEER

Superintending Engineer

R.W.D. Works Department
Works Circle, Gaya

23.05.21
AG

Executive Engineer
R.W.D., Works Division
Sherghati

Executive Engineer
RWD, Works Division
Sherghati
5.11.21

उत्तर दे

20	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	129.32	Sqm	736.00	95180
21	Earth work in excavation for structure as per drawing and technical specification Clause 305.1 Including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50m, dressing of sides and bottom and back filling in the trenches with excavated suitable material.	251.13	Cum.	285.17	71615
22	Providing concrete for Plain/reinforced concrete in open foundation complete as per drawings and technical specifications clause 802, 803, 1202 & 1203 P.C.C. Grade M-10	24.60	Cum.	5011.92	123293
23	Providing concrete for Plain/reinforced concrete in open foundation complete as per drawings and technical specifications clause 802, 803, 1202 & 1203 P.C.C. Grade M-15	154.95	Cum.	4884.13	756796
24	Plain/reinforced concrete in substructure complete as per drawings and technical specifications clause 802, 804, 805, 806, 807, 1202 & 1204 P.C.C. Grade M-15	165.14	Cum.	5078.71	838698
25	Plain/reinforced concrete in substructure complete as per drawings and technical specifications clause 802, 804, 805, 806, 807, 1202 & 1204 R.C.C. Grade M-20	6.15	Cum.	6012.31	36976
26	Providing and laying reinforced cement concrete in superstructure complete as per drawings and technical specifications clause 800, 1205.4 and 1205.5 R.C.C. Grade M-25	19.01	Cum.	6834.63	129926
27	Supplying, fitting and placing HYSD bar reinforcement in super structure complete as per drawing and technical specification clauses 1002, 1010 and 1202.	1.74	MT	59717.58	103909
28	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8. Sandy Material.	47.34	Cum.	819.43	38792
29	Providing weepholes in brick massonary / stone massonry, plain / reinforced concrete abutment, wing wall, return wall with 100mm 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	112.98	Nos	118.12	13345
30	Construction of R.C.C. railing of M 25 grade in cast -in -situ with 20mm nominal size aggregate, true to line and grade, tolerance of vertical railing post not to exceed 1 in 500, centre-to-centre spacing between vertical posts not to exceed 2000 mm as per drawing and technical specifications clauses 800, 900 and 1208.3	14.80	RM	6665.26	98646
31	Providing and laying reinforced cement concrete pipe NP3 culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, back filling, concrete and massonary works in head walls and parapets clause 1106.	<p style="text-align: center;"> Superintending Engineer Road Works Department Works Circle, Gaya </p>			
	600 mm dia	7.50	M	1085.09	8138
32	Laying Ceemment Concrete Pipe NP4 (burried conducts) on first class bedding of granular material including fixing collar with cement sand mortar 1:2 but excluding excavation, protection works, back filling, concrete and masonry work in head wall and parapets. 300 mm dia	30.00	M	726.71	21801
33	Filling in foundation trenches as per drawing and technical specification caluse 305.3. 9 Using Fine Sand	4.10	Cum.	555.50	2278
	Total of Road Work				5647491

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23.04.24

Executive Engineer
RWD, Works Division
Sherghati

12	Prime Coat (i) Low porosity Providing and applying primer coat with bitumen emulsion (S.S.1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 - 1.0 kg/sqm. using mechanical means as per technical specification clause 502.	2473.25	Sqm	41.32	102195
13	Tack Coat -Providing and applying tack coat with bitumen emulsion (RS-1) using Emulsion distributor at the rate of 0.25 to 0.30kg per sqm on the prepared dry and hungry bituminous surface cleaned with hydraulic broom as per technical specification clause 503	2473.25	Sqm	14.29	35343
14	Mix Seal Surfacing Bituminous With Waste Plastic. 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 (ie 92 % of standard Bitumen and 8 % waste processed plastic by weight shall be used for coating aggregate after its heating) as per IRC:SP-98-2013 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 80-100 kN static roller and finishing to required level and grades as per Technical Specification Clause 509.Type-B	2473.25	Sqm	181.73	449464
15	Kilometre Stone Reinforced cement concrete M15 grade KM 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				
	(ii) Ordinary Kilometer Stone (Precast)	2.00	No	2604.26	5209
	(iii) 200 m stone (Precast)	3.00	No	683.06	2049
16	Painting Two Coats on New Concrete Surfaces Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701 (For culverts).	44.64	Sqm	95.44	4260
17	Printing New Letters and Figures of any Shade 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 English and Roman (for culverts)	416.00	Per cm ht per letter	0.50	208
18	Providing and fixing of typical PMGSY informatory sign board with Logo as per MORD specification and drawing. Three MS Plates of 1.6 mm thick top and middle plate duly welded with MS flat iron 25mmx5mm on back on edges. The lower plate will be welded with MS angle iron frame of 25 mm x 25 mm x 5 mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to two nos 75 mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450 mm x 450 mmx600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mmx47mm of 12SWG steel plate tube. All MS 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.	3.00	No	11310.48	33931
19	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				
	600mm dia circular	2.00	No	4914.00	9828
	600mm equilateral & triangle	6.00	No	3688.32	22130
	600 mm x 450 mm rectangular	4.00	No	4778.28	19113

Superintending Engineer
RWD Works Department
Works Circle, Gaya

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RWD, Works Division
Sherghati

Used Bill of Quantity for Construction of Road from T03 To Kedar Bigha Via Pachu Bigha Under M.M.G.S.Y.

Sl. No.	Description of work	Qty.	Unit	Rate	Amount
1	Setting Out Pillar's				
2	Construction of Reference and Working Benchmarks	0.654	km	5923.41	3874
3	Construction of Reference Pillars / Burjees	0.654	km	4532.98	2965
4	Clearing and grubbing road land Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	0.46	Ha	49530.51	22784
5	Excavation In Soil using Hydraulic Excavator and Tippers with disposal upto 1000 m. Excavation for road work in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting & loading in tippers, trimming bottom & side slopes in accordance with requirements of lines, grades & cross-sections & transporting to the embankment location with a lift upto 1.5m & lead upto 1000 m as per Technical Specification clause 302.3.	4.61	Cum.	74.10	342
6	Construction of Embankment with Materials 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	4.61	Cum.	55.63	256
7	Construction of Embankment with Materials Obtained from Borrow Pits Construction of embankment with approved materials obtained from borrow pits with a lift upto 1.5m, transporting to site, spreading, grading to required slope & compacting to meet requirement of Tables 300.1 & 300.2 with a lead upto 1000 m as per Technical specification clause 301.5.	603.51	Cum.	181.87	109760
8	Construction of Embankment with Materials Obtained from Borrow Pits Construction of embankment with approved materials obtained from borrow pits with a lift upto 1.5m, transporting to site, spreading, grading to required slope & compacting to meet requirement of Tables 300.1 & 300.2 with a lead upto 100 m as per Technical specification clause 301.5.	1408.18	Cum.	139.74	196779
9	Construction of Subgrade Construction of subgrade & earthen shoulders with approved materials obtained from borrow pits with all lifts & leads, transporting to site, spreading, grading to required slope & compacting to meet requirement of Tables 300.2 as per Technical specification clause 303.1	2195.15	Cum.	183.51	402832
10	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 motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three wheel 80-100 kn static roller capacity to achieve the desired density, complete as per Technical specification clause 401. For Grading II Material	619.96	Cum.	2089.08	1295146
11	Water Bound Macadam with Stone Screening-WBM Grading 3 Providing laying spreading and compacting stone aggregate of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 Kn static roller in stages to proper grade and camber, applying and brooming, stone screening to fill-up the intrestices of coarse aggregate, water and compacting to the required density Grading -3 as per Technical Specification Clause 405 (A) By Manual Means	185.50	Cum.	3178.60	589630

APPROVED AS CORRECT

Superintending Engineer

Rural Works Department
Works Circle, Gaya

Executive Engineer
RWD, Works Division
Sherghati

शेखा देवी

23.04.24
AB

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

पत्रांक :- 10493अड

गया/दिनांक :- 15/06/21

प्रेषक,

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

सेवा में,

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

विषय:- शीर्ष MMGSY योजनान्तर्गत T03 to Kedar Bigha Via Pachu Bigha का पुनरीक्षित तकनीकी स्वीकृति एवं पुनरीक्षित परिमाण विपत्र अनुमोदन के संबंध में।

प्रसंग:- आपका पत्रांक-1058 अनु0 दिनांक-07.06.2021

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र से प्राप्त शीर्ष MMGSY योजनान्तर्गत T03 to Kedar Bigha Via Pachu Bigha कार्य का पुनरीक्षित डी0पी0आर0 तकनीकी स्वीकृति प्रदान कर एवं पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त एक प्रति लौटाया जाता है, जो निम्नवत है :-

क्र0 सं0	पथ का नाम	लम्बाई (कि0मी0)	पुनरीक्षित तकनीकी स्वीकृति की राशि (लाख में)	पुनरीक्षित परिमाण विपत्र अनुमोदन की राशि (लाख में)
1	T03 to Kedar Bigha Via Pachu Bigha	0.654	69.887	62.88439

अनु0-पुनरीक्षित डी0पी0आर0 एवं परिमाण विपत्र एक- एक प्रति में।

विश्वासप्रज्ञान

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

15/6/2021

शेखर श्री

Executive Engineer
RWD, Works Division
Sherghati

5-11-21

to the right of the Second Party to retain such amount as he thinks reasonable as mentioned above soon after the maintenance Period of three months or six months, as the case may be mentioned in clause of the Original Agreement, is over.

f) That the final bill relating to the entire work under the two agreements shall be Prepared after the

completion of the entire work covered by Agreement No. 14580/20-21 and this Agreement.

3) Except as modified by this Agreement the said Agreement No. 14580/20-21 shall remain in full force and

effect. IN WITNESS WHEREOF THE ABOVE MENTIONED PARTIES HAVE PUT THEIR SIGNATURE ON THIS DAY THE Friday at 5.11.2021

Date of Supplementary Agreement - 05.11.2021
Dated Completion - 6 (month) - 04.05.2022

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Executive Engineer
RWD, Works Division
Sherghati

5.11.21

this items mentioned in the Schedule annexed to this Agreement and whereas the items of the work mentioned in the Schedule annexed to this agreement cannot now be executed on account of non completion of the sanitary work, electric installation and some other work ; and whereas both the Parties are desirous that the items mentioned in the Schedule annexed to this Agreement should be executed by the First Party after the completion of the sanitary work, electric installation and some other work ,it is hereby further agreed as under :

a) That First Party shall and will execute the work covered by the items mentioned in the Schedule annexed to this Agreement at the rates and as Per the terms and conditions of the original Argeement No. 14.SAD/20-21 whatsoever called upon to doso by the Engineer- In-Charge, within a period of one year from the date hereof.

b) That the First Party shall have absolutely no claim of whatsoever nature against the Second Party for doing the work mentioned in the Schedule annexed to this Agreement as required under clause (a) above, except that which he would be entitled to under the original Agreement No. 14.SAD/20-21

c) That the First Party shall have to execute all the items which the Engineer-in-charge consider necessary.

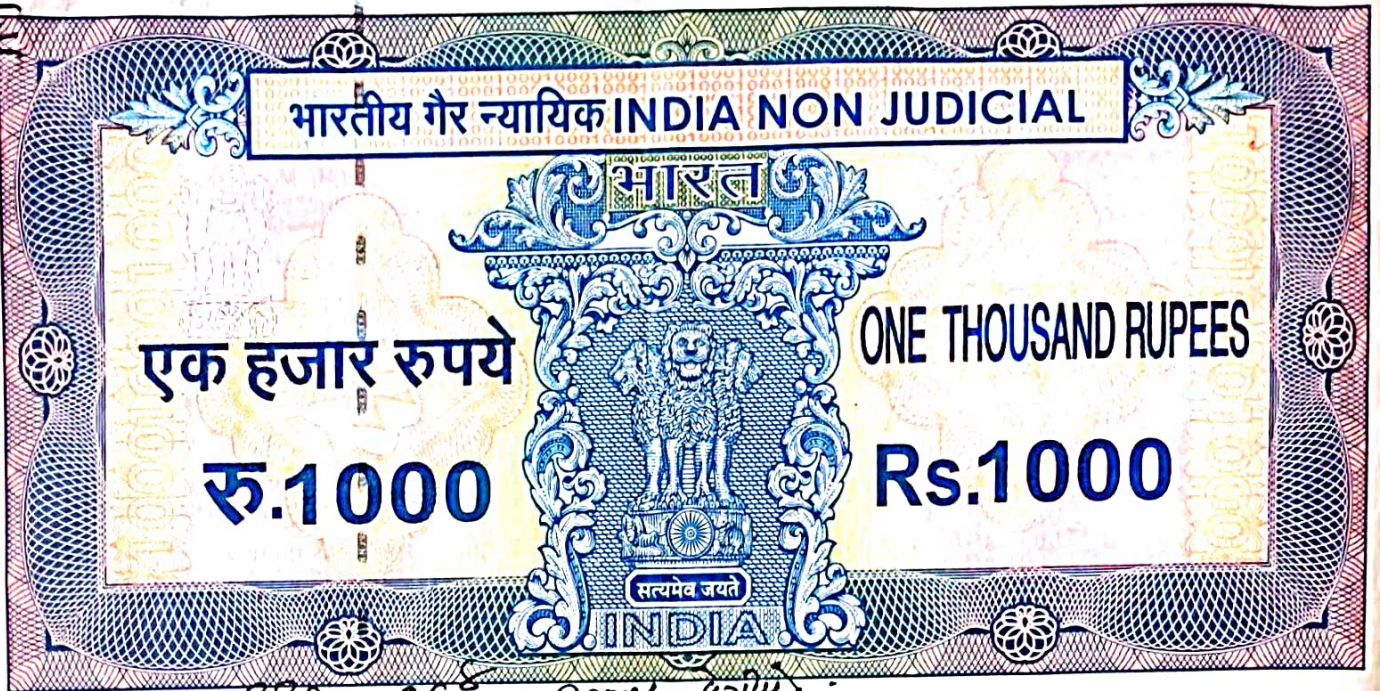
d) That the First Party shall start with the work of the remaining items mentioned in the Schedule annexed to this Agreement within Friday Days from 5.11.21 on the receipt of a letter to the effect from the Engineer-in-Charge or from any date fixed in the said letter and shall complete the said work within the time fixed by the Engineer-in-Charge or as extended by him from time to time.

e) That on the due execution and completion of this Agreement by the parties, the bill of the First Party in relation to the work already done by him under the Original Agreement No. 14.SAD/20-21 shall be provisionally finalized by the Second Party and Payment on account, if any amount due, shall be made to the First Party Provided that the Second Party shall have a right to retain such amount as is considered reasonable by him as a security for the execution of the work mentioned in the Schedule annexed to this Agreement and the Second Party shall have right to deal with the said amount of security as he thinks proper under the terms and conditions of the Original Agreement. Further, on the due execution and original completion of this Agreement, the First Party shall be entitled to claim back his security deposit relating to the work in question, subject

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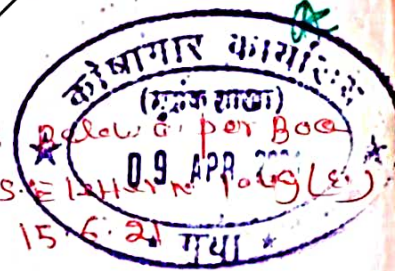

Executive Engineer
RWD, Works Division
Sherghati
5.11.21

1-10001 - mmcsy (mohampur block)



बिहार BIHAR 229/25/2029 - 90001 - एजीमेट - मनोज 21/69 - AK 044703
पुना 9/001 - 42/21 - 2/21

90001 - 70001 -
Const Cost → Rs. 6381554 - @ 10%
Maint Cost → Rs. 605600 -
Total Rs → 6987154 =
at 15.6.21 गया
Rs per Agr Below @ 10% - 698715 =
Sup. Agreement Approval Rs. 6288439 =



FORM OF SUPPLEMENTARY AGREEMENT

This Agreement made this day the Friday 20.5.11.2021 between Rakha Devi, At - Vill + P.9 hereinafter called the First Party which expression shall include his heirs, executors and administrators/their successors and assigns and the Punakala P.S. Panchayat (Gaya) President of India, hereinafter called the second Party, which expression shall include his successors and assigns, shown as under:

1 That this Agreement shall be called as supplementary Agreement to the Agreement No. 14 SBD/20-21 Relating to the construction of To 3 to Kedhar Bigha via Pachu Bigha entered into by the parties to this Agreement. (0.534)

2 That WHEREAS the First Party has substantially completed the execution of the work described in and covered by the Agreement No. 14 SBD/2020-21 except

22/5/21

Executive Engineer
RWD, Works Division
Sherghat
5.11.21