

Name of Work : NH-103 Lichhavi Cold Storage To Subhai Pachimi
Ward no- 5

Name of Agency : Rajiv Kumar Singh Add. - Vill- Ghoswar,
Post- Rajauli, P.S- Sadar, Hajipur, Vaishali (Bihar) .

BIHAR PUBLIC WORKS DEPARTMENT,

[Form F-2]

ITEM RATE TENDER AND CONTRACT FOR WORKS

Agreement No. 3652 of 2023/2024

General Rule and Directions for the guidance of Contractors.

Date of Written Order : 16/08/2023

Date of Completion of Work : 15/08/2028

1. All works proposed for execution by contract will be notified in of from invitation to tender pasted on a board hung up in the office of and signed by the subdivision office Executive Engineer.

This notice will states the works to be carried out the hems and approximate quantity there of as well as the date for submitting and opening tender also the amount of earnest money to be deposited and the amount of the security deposit to be deposited by the successful tenderer and the percentage any to deposited from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the submission of tender signed (for the purpose of identification by the Sub divisional/Officer/Executive Engineer during office hours.

2. In the event of the tender being submitted by firm it must be aligned separately by each member there or in the event of the absence of any partner, it must be signed on his behalf by a person holding as power-attorney authorising to do to.

3. Receipts for payments made on account of works when executed by a firm must also be signed by the several partners except where the contractors are described in the their as a firm with case she receipt must singed in the name of the firm be one of the partners, or by sold other person having authority to give effectual receipts of the firm.

4. The memorandum of work tendered for and the memorandum of materials to be supplied by the public work Department and their issue rates shall be filled and completed in the office of the sub divisional office Executive Engineer before the tender form is issued if a team is issues to an intending tender without having been 16 filled in and completed he shall request the office the have this done before he completes and delivers his tender.

5. The amount of earnest money to be deposited with by-

Rs.

If the amount of the estimate does not exceed Rs. 2000

If the amount of the estimate exceed Rs. 2000 bpt does not exceed Rs. 5000

If the amount of the estimate exceed Rs. 5000 bpt does

रुपय अगुत मर

16/8/2023

Executive Engineer
R.W.D. Works Division
Hajipur
16/8/23

Comprative STATEMENT

Name of Work :- NH -103 Lichhavi Cold Storage to Subhal Pachimi Ward no-6

Head	New Maintenance Policy Part Project	Quotation no- 10							
Block	Hajipur	Date of Issuing Quotation- 30.05.2023							
Division	Hajipur								
Sl No	Item	Unit	Quantity	Name of Quotationer					
				Rasiv Kumar Singh		Ajitesh Kumar Singh			
	Item	Unit		Rate	Total	Rate	Total	Remarks	
1	15.3 (ii) Pot hole patching- Treatment of isolated failed pavement areas in traffic lanes using appropriate materials to repair the defect and restore the riding surface to a smooth condition and Edge Repair - Repair of broken edge of seal to line and level to maintain nominal sealed width, with Mix Seal Surfacing (Qty=L*B*St*β)								
		First Year	Sum	56.250	334.130	18794.813	336.100	18905.625	
		Second Year	Sum	56.250	334.130	18794.813	336.100	18905.625	
		Third Year	Sum	112.500	334.130	37589.625	336.100	37811.250	
		Fourth Year	Sum	112.500	334.130	37589.625	336.100	37811.250	
		Fifth Year	Sum	168.750	334.130	56384.438	336.100	56716.875	
2	15.3 (ii) Surface Depression and Rut Patching Application of a levelling course of								
		First Year	Cum	0.169	12,285.62	2073.198	12,286.00	2073.263	
		Second Year	Cum	0.338	12,285.62	4146.397	12,286.00	4146.525	
		Third Year	Cum	0.338	12,285.62	4146.397	12,286.00	4146.525	
		Fourth Year	Cum	0.338	12,285.62	4146.397	12,286.00	4146.525	
		Fifth Year	Cum	0.422	12,285.62	5182.996	12,286.00	5183.156	
3	RCD 10.6 Crack Sealing Filling of cracks and joints,excluding "crocodile" cracking using liquid bituminous sealants in accordance with monthly works program (Qty=L ₁)								
		First Year	M	2400	3.28	7872.000	3.30	7920.000	
		Second Year	M	2400	3.28	7872.000	3.30	7920.000	
		Third Year	M	2400	3.28	7872.000	3.30	7920.000	
		Fourth Year	M	2400	3.28	7872.000	3.30	7920.000	
		Fifth Year	M	2400	3.28	7872.000	3.30	7920.000	
4	15.3 (ii) Surface Treatment Application of bituminous surface materials and cover aggregate area of pavement with:- (a) Loss of aggregate(surface ravelled) (b) bleeding and flushing; or (c) Laminated asphalt surface. Patch repair over bituminous surface with 20 mm Premix carpet with seal coat Type B (Qty=L*B*St*β)								
		First Year	Sum	56.250	342.24	19251.000	343.00	19293.75	
		Second Year	Sum	56.250	342.24	19251.000	343.00	19293.75	
		Third Year	Sum	56.250	342.24	19251.000	343.00	19293.75	
		Fourth Year	Sum	112.500	342.24	38502.000	343.00	38587.50	
		Fifth Year	Sum	168.750	342.24	57753.000	343.00	57881.25	

6	15.3 (i)	Spigot Repair Treatment of isolated failed pavement areas > 0.25m ² by replacement with new material or improvement of existing material including reinstatement of road surface. Repair of Pot holes filled with 75 mm BM X 1.25						
		First Year	Cum	0.000	12,285.62	0.000	12,285.62	0.000
		Second Year	Cum	0.000	12,285.62	0.000	12,285.62	0.000
		Third Year	Cum	0.000	12,285.62	0.000	12,285.62	0.000
		Fourth Year	Cum	0.000	12,285.62	0.000	12,285.62	0.000
		Fifth Year	Cum	0.000	12,285.62	0.000	12,285.62	0.000
6	15.3 (ii)	Repair of concrete pavement Repair isolated areas of damaged concrete pavement < 0.25m ² patching with 20 mm thick premix carpet with seal coat Type II seal coat Type II						
		First Year	Sum	0.203	334.13	2740.868	334.15	2741.072
		Second Year	Sum	16.400	334.13	5401.737	334.15	5402.065
		Third Year	Sum	24.600	334.13	8222.605	334.15	8223.097
		Fourth Year	Sum	16.400	334.13	5401.737	334.15	5402.065
		Fifth Year		20.81	334.13	6852.338	334.15	6852.748
7	RCD 10.10	Repair of old joint sealant Removal of existing sealant and re sealing of construction, longitudinal or expansion joint in concrete pavement with fresh sealant material.						
		First Year	M	328.125	26.75	8777.344	27.00	8859.375
		Second Year	M	328.125	26.75	8777.344	27.00	8859.375
		Third Year	M	328.125	26.75	8777.344	27.00	8859.375
		Fourth Year	M	328.125	26.75	8777.344	27.00	8859.375
		Fifth Year	M	328.125	26.75	8777.344	27.00	8859.375
7	15.2	Unsealed Shoulder Repair Making up the irregularities/loss material on shoulder to design level/profit/ Making up of Berms/shoulder, stripping excess soil from the shoulder surfaces to achieve level etc. $(Qty = L \times B \times n_s \times \beta) \times 2$						
		First Year	Sqrm	540.000	56.88	30715.200	57.00	30780.000
		Second Year	Sqrm	540.000	56.88	30715.200	57.00	30780.000
		Third Year	Sqrm	540.000	56.88	30715.200	57.00	30780.000
		Fourth Year	Sqrm	540.000	56.88	30715.200	57.00	30780.000
		Fifth Year	Sqrm	540.000	56.88	30715.200	57.00	30780.000
8	15.1	Embankment Repairs Restoration of Raincuts in the embankment and shoulder/Berms with soil moorum etc $(Qty = L_s \times B_s \times 0.3 \times n_s) \times \beta \times 2$						
		First Year	Cum	91.125	378.39	34480.789	378.42	34483.523
		Second Year	Cum	101.250	378.39	34480.789	378.42	34483.523
		Third Year	Cum	101.250	378.39	38311.988	378.42	38315.025
		Fourth Year	Cum	101.250	378.39	38311.988	378.42	38315.025
		Fifth Year	Cum	101.250	378.39	38311.988	378.42	38315.025
9	15.6	Surface Drain Cleaning Cleaning of channels, including kerb and channel and reshaping earthen drain including culvert inlet and outlet drains to maintain flow of water and protect road and road side from scour.						
		First Year	M	0.00	3.11	0.000	3.13	0.00
		Second Year	M	0.00	3.11	0.000	3.13	0.00
		Third Year	M	0.00	3.11	0.000	3.13	0.00
		Fourth Year	M	0.00	3.11	0.000	3.13	0.00

Fifth Year		M	0.00	3.11	0.000	3.13	0.00
10							
	Culvert Cleaning and Culvert Repair						
	Maintenance of C/D Works (Hume Pipe)						
	First Year	No.	2.00	1,241.28	2402.560	1,242.00	2,484.00
	Second Year	No.	2.00	1,241.28	2402.560	1,242.00	2,484.00
	Third Year	No.	2.00	1,241.28	2402.560	1,242.00	2,484.00
	Fourth Year	No.	2.00	1,241.28	2402.560	1,242.00	2,484.00
	Fifth Year	No.	2.00	1,241.28	2402.560	1,242.00	2,484.00
15.7 (ii)							
	Maintenance of C/D Works (Slab Culvert)						
	First Year	No.	1.00	2,520.40	2520.400	2,521.00	2,521.00
	Second Year	No.	1.00	2,520.40	2520.400	2,521.00	2,521.00
	Third Year	No.	1.00	2,520.40	2520.400	2,521.00	2,521.00
	Fourth Year	No.	1.00	2,520.40	2520.400	2,521.00	2,521.00
	Fifth Year	No.	1.00	2,520.40	2520.400	2,521.00	2,521.00
15.13							
	White washing of parapet walls of CD work and tree trunks						
	First Year	Sqm	63.00	18.63	1173.690	19.00	1,197.00
	Second Year	Sqm	63.00	18.63	1173.690	19.00	1,197.00
	Third Year	Sqm	63.00	18.63	1173.690	19.00	1,197.00
	Fourth Year	Sqm	63.00	18.63	1173.690	19.00	1,197.00
	Fifth Year	Sqm	63.00	18.63	1173.690	19.00	1,197.00
11							
	Tree and Shrub management						
	(i) Cutting of branches of trees and shrubs						
	First Year	No.	2.00	126.56	253.120	127.00	254.00
	Second Year	No.	2.00	126.56	253.120	127.00	254.00
	Third Year	No.	2.00	126.56	253.120	127.00	254.00
	Fourth Year	No.	2.00	126.56	253.120	127.00	254.00
	Fifth Year	No.	2.00	126.56	253.120	127.00	254.00
	(ii) Cutting of shrubs from roadway						
	First Year	No.	2,400.00	7.77	18648.000	8.00	19,200.00
	Second Year	No.	2,400.00	7.77	18648.000	8.00	19,200.00
	Third Year	No.	2,400.00	7.77	18648.000	8.00	19,200.00
	Fourth Year	No.	2,400.00	7.77	18648.000	8.00	19,200.00
	Fifth Year	No.	2,400.00	7.77	18648.000	8.00	19,200.00
	(iii) Trimming of grass and weeds						
	First Year	Sqm	2,400.00	2.59	6216.000	3.00	7,200.00
	Second Year	Sqm	2,400.00	2.59	6216.000	3.00	7,200.00
	Third Year	Sqm	2,400.00	2.59	6216.000	3.00	7,200.00
	Fourth Year	Sqm	2,400.00	2.59	6216.000	3.00	7,200.00
	Fifth Year	Sqm	2,400.00	2.59	6216.000	3.00	7,200.00
12							
	Sign maintenance						
	First Year	Km	2.75	1,141.22	3130.355	1,142.00	3,140.50
	Second Year	Km	2.75	1,141.22	3130.355	1,142.00	3,140.50
	Third Year	Km	2.75	1,141.22	3130.355	1,142.00	3,140.50
	Fourth Year	Km	2.75	1,141.22	3130.355	1,142.00	3,140.50
	Fifth Year	Km	2.75	1,141.22	3130.355	1,142.00	3,140.50
13							
	Guard stones/boundary						
	First Year	Sqm	9.50	18.63	176.985	18.65	177.18
	Second Year	Sqm	9.50	18.63	176.985	18.65	177.18
	Third Year	Sqm	9.50	18.63	176.985	18.65	177.18
	Fourth Year	Sqm	4.75	18.63	88.493	18.65	88.59
	Fifth Year	Sqm	4.75	18.63	88.493	18.65	88.59

	First Year	Km	2.75	755.50	2077.625	755.00	2,079.00	
	Second Year	Km	2.75	755.50	2077.625	755.00	2,079.00	
	Third Year	Km	2.75	755.50	2077.625	755.00	2,079.00	
	Fourth Year	Km	2.75	755.50	2077.625	755.00	2,079.00	
	Fifth Year	Km	2.75	755.50	2077.625	755.00	2,079.00	
		Km	2.75	755.50	2077.625	755.00	2,079.00	
5	RCD B.12	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorizing 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 (Overall P.O. 1*2)						
	First Year	Sqm	0.00		0.000			
	Second Year	Sqm	0.00		0.000	0.00	0.00	
	Third Year	Sqm	488.00	670.25	327002.000	675.00	329,400.00	
	Fourth Year	Sqm	0.00		0.000	0.00	0.00	
	Fifth Year	Sqm	488.00	670.25	327002.000	675.00	329,400.00	
16	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorizing 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 for CC Portion							
	First Year	Sqm	0.00		0.000			
	Second Year	Sqm	0.00		0.000	0.00	0.00	
	Third Year	Sqm	70.00	757.11	52997.700	760.00	53,200.00	
	Fourth Year	Sqm	0.00		0.000	0.00	0.00	
	Fifth Year	Sqm	70.00	757.11	52997.700	760.00	53,200.00	
17	Maintenance of Already Planted Trees for additional four Years-Maintenance of trees by the road side (Avenue trees) by mixing the soil with decayed farm yard/sludge manure, watering, fixing the tree guard and maintaining the plants for additional four years.							
	First Year	Each	0.00	0.00	0.000	0.00	0.00	
	Second Year	Each	123.00	788.00	96924.000	790.00	97,170.00	
	Third Year	Each	123.00	676.00	83148.000	678.00	83,394.00	
	Fourth Year	Each	123.00	602.00	74045.000	605.00	74,415.00	
	Fifth Year	Each	123.00	602.00	74045.000	605.00	74,415.00	
					2,070,788.67		2,080,366.82	

28/7/20

Lowest Rate quoted by quotationer Rajiv Kr. Singh is approved for Rs. 24,67,329.00
(Rs. Twenty four lakhs Sixty Seven thousand three hundred twenty nine) only ✓

Lowest rate quoted by quotationer Rajiv Kr. Singh is approved for Rs. 24,70,239.00 (Rs. Twenty four lakhs Seventy thousand two hundred thirty nine) only ✓

Lowest rate quoted by quotationer Rajiv Kr. Singh is approved for Rs. 24,70,317.00 (Rs. Twenty four lakhs Seventy thousand three hundred seventeen) only

~~24/10.08.2019~~
Superintending Engineer
Rural Works Department
Work Circle Muzaffarpur
10/8/23