

T.S. Rs 267.83/-

Tender Inviting Authority: Engg-In Chief RWD Patna

Name of Work: -

Kargil Path & Harijan Tola Bgaura Shiv Mandir Tak

Name Of Block: -

Daraundha

Contract No: Civil Works/

Bidder Name:			Excess (+)		%
SCHEDULE OF WORKS					
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
			Figure	Words	
1.00	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	1.00	ha	50720.13	Rupees Fifty Nine Thousand Seven Hundred Twenty Six And Paise Thirteen Only
2.00	Construction of subgrade and earthen shoulders :- 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 as per Technical Specification Clause 303.1.	2226.00	Cum	238.33	Rupees Two Hundred Thirty Eight And Paise Thirty Three Only
3.00	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 smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	193.50	Cum	2661.16	Rupees Two Thousand Six Hundred Sixty One And Paise Sixteen Only
4.00	WBM Grading 2 (By Mechanical Means) :- Providing, laying, spreading and compacting stone aggregates 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, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.	125.51	Cum	4924.12	Rupees Four Thousand Nine Hundred Twenty Four And Paise Twelve Only
					618026.30

Executive Engineer
Rural Works Department
Works Division, Maharashtra

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No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
5.00	WBM Grading 3 (By Mechanical Means) 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.	211.71	Cum	4427.10	Rupees Four Thousand Four Hundred Twenty Seven And Paise Eighteen Only	93728.28
6.00	Prime Coat (Low porosity) :- Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	2822.80	Sqm	60.11	Rupees Sixty And Paise Eleven Only	169678.51
7.00	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.	2822.80	Sqm	20.46	Rupees Twenty And Paise Forty Six Only	57754.49
8.00	Patch work over WBM using Mix seal surface With Waste Plastic for bituminous and Existing CC Pavement :- 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. With waste plastic	2822.80	Sqm	263.05	Rupees Two Hundred Sixty Three And Paise Five Only	742537.54
9.00	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.	13875.00	Sqm	17.05	Rupees Seventeen And Paise Five Only	236568.75

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No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
14.00	ii) km Stone	6.00	nos	2050.29	Rupees Two Thousand Six Hundred Fifty And Paise Twenty Nine Only	13251.45
15.00	iii) 200 m Stone	23.00	nos	757.03	Rupees Seven Hundred Fifty Seven And Paise Sixty Three Only	17425.49
16.00	Direction and Place Identification signs with size more than 0.9 sqm size board :- Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701.	1.92	Sqm	13182.84	Rupees Thirteen Thousand One Hundred Sixty Two And Paise Eighty Four Only	25272.65
17.00	Retro-reflectorised Traffic Signs :- Providing and fixing of retro-reflectorised cautionary, mandatory and informative 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 i) 600 mm equilateral & triangle	24.00	nos	3831.11	Rupees Three Thousand Eight Hundred Thirty One And Paise Eleven Only	91946.84
18.00	600 mm circular	12.00	nos	3868.27	Rupees Three Thousand Eight Hundred Sixty Eight And Paise Twenty Seven Only	46419.24
19.00	600 mm x 450 mm rectangular	12.00	nos	3740.04	Rupees Three Thousand Seven Hundred Forty And Paise Four Only	44880.48
20.00	Boundary Pillar/Gaurd 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	64.00	nos	642.04	Rupees Six Hundred Forty Two And Paise Four Only	41090.56
21.00	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	704.00	per cm height per lett	0.60	Rupees And Paise Sixty Only	422.40



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Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
22.00 Planting of Trees and their Maintenance for one Year :- Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	370.00	Each	1039.45	Rupees One Thousand Thirty Nine And Paise Forty Five Only	384580.50
23.00 Road Marking with Hot Applied Thermoplastic :- 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.	1060.00	Sqm	762.51	Rupees Seven Hundred Sixty Two And Paise Fifty One Only	808200.60
24.00 Providing and Fixing 'Logo' of Maintenance 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	2.00	nos	10511.44	Rupees Ten Thousand Five Hundred Eleven And Paise Forty Four Only	21022.88
25.00 Brick Masonry In C.M.(1:3) In parapet :- Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	11.52	Cum	5755.91	Rupees Five Thousand Seven Hundred Fifty Five And Paise Ninety One Only	66308.08
26.00 Plastering with cement mortar (1:4):- Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	80.64	Sqm	175.65	Rupees One Hundred Seventy Five And Paise Eighty Five Only	14180.54

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Description of work		No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
27.00 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		80.64	Sqm	Figure 110.27	Words Rupees One Hundred Ten And Paise Twenty Seven Only	8892.17
Total cost Of Construction						1,82,56,477.30
28.00 Maintainance		20.00	Per 3 month	265445.05	Rupees Two Lakh(s) Sixty Five Thousand Four Hundred Forty Five And	53,08,901.00
Total Estimated Cost in Figures						2,35,65,378.30
1% Labour						2,35,653.78
12% GST						28,27,845.40
TOTAL SEIGNIORAGE FEE						1,53,459.10
Quoted Amount				2,67,82,336.58		2,67,82,337.00
Quoted Rate in Words		Rupees Two Crore Sixty Seven Lakh(s) Eighty Two Thousand Three Hundred Thirty Seven Only				

B.O.D Approved for Rs 26782337.00 (Rupees Two crore Sixty Seven Lakh(s) Eighty Two Thousand Three Hundred Thirty Seven Only) from serial no (No 28 & Thirty Seven) only from serial no (No 28

20/02/22
Executive Engineer,
R.W.D. W.D.
Maharajganj
20/02/22

अधीक्षण अधिकारी
प्रायोग कार्य विभाग कार्यालय संग्रह
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