

Government eProcurement System Created By: PRASAD RAMJEE Created Date/Time: 01-Oct-2021 10:52 AM Tender Title: Strengthening of approach road to eDVOR and MSSR yarada hill (elevation of yarada hill is 1150 ft from MSL), Visakhapatnam Tender ID: 2021_AAI_88537_1
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Tender Inviting Authority: <Asst General manager Engg(C) - II>

Name of Work: "Strengthening of approach road to eDVOR and MSSR at Yarada hill (elevation of yarada hill is 1150 ft from MSL) Visakha

Contract No: AAI/VZ/Engg@/Strengthening of EDVOR/20-21

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	RECHI CONSTRUCTION PVT LTD(GSTN-19AAGCB6941N1Z1N)		ARP ENTERPRISES(GSTN-37ABKEA064901ZV)		Ruchira Associates(GSTN-37AAQFR2340N1ZO)		P MURALIDHAR ENGINEERS AND CONTRACTORS(GSTN-37AAQFR2340N1ZO)		D.SRINIVAS(GSTN-NA)	
					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.00	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm. depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	4000.00	Sqm	100.00	58.00	232000.00	40.00	160000.00	35.00	140000.00	90.00	360000.00	96.00	384000.00
2.00	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	400.00	Cum	100.00	1800.00	720000.00	2100.00	840000.00	2200.00	880000.00	2700.00	1080000.00	1950.00	780000.00
3.00	Providing and applying tack coat using hot straight run bitumen of grade VG - 10 including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On W.B.M/WMM @ 0.75 Kg / sqm.	10000.00	Sqm	100.00	23.00	230000.00	40.00	400000.00	20.00	200000.00	54.00	540000.00	24.00	240000.00
4.00	Providing and laying bituminous macadam using crushed stone aggregate of specified grading premixed with bituminous binder, transported to site by tipper, laid over a previously prepared surface with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications and directions of Engineer-in-Charge. 50 to 100 mm average compacted thickness with bitumen of grade VG-30 @ 3.50% (percentage by weight of total mix) prepared in Drum type Hot Mix plant of 60-90 TPH capacity.	750.00	Cum	100.00	6925.00	5193750.00	7000.00	5250000.00	7300.00	5475000.00	8550.00	6412500.00	7350.00	5512500.00
5.00	Providing and applying tack coat using hot straight run bitumen of grade VG - 10 including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On bituminous surface @ 0.50 Kg / sqm.	10000.00	Sqm	100.00	22.00	220000.00	30.00	300000.00	18.00	180000.00	45.00	450000.00	22.20	222000.00

L1 Amount	L1 Vendor
140000.00	Ruchira Associates
720000.00	RECHI CONSTRUCTION PVT LTD
200000.00	Ruchira Associates
5193750.00	RECHI CONSTRUCTION PVT LTD
180000.00	Ruchira Associates

6.00	4 cm thick bitumastic sheet with hot bitumen of approved quality using stone chippings (60% with 12.5mm nominal size and 40% with 10mm nominal size) @2.60cum per 100 sqm and coarse sand @ 2.60cum per 100 sqm of road surface and with bitumen @ 56 kg/cum. of stone chippings and at 128kg/cum of sand over a tack coat with hot straight run bitumen including consolidation with road roller of 8 to 10 tonne etc. complete. (tack coat to be paid separately) : With paving asphalt grade VG - 30 with no solvent	10000.00	Sqm	100.00	270.00	2700000.00	350.00	3500000.00	350.00	3500000.00	405.00	4050000.00	324.00	3240000.00
7.00	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.	500.00	Sqm	100.00	157.00	78500.00	650.00	325000.00	500.00	250000.00	702.00	351000.00	240.00	120000.00
8.00	Providing and laying Non Pressure NP-4 class (Heavy duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete - 450 mm dia RCC pipes.	60.00	Mtr	100.00	210.00	12600.00	2500.00	150000.00	2500.00	150000.00	4005.00	240300.00	960.00	57600.00
9.00	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand).	40.00	Cum	100.00	700.00	28000.00	5000.00	200000.00	3700.00	148000.00	4005.00	160200.00	3300.00	132000.00

2700000.00	RECHI CONSTRUCTION PVT LTD
78500.00	RECHI CONSTRUCTION PVT LTD
12600.00	RECHI CONSTRUCTION PVT LTD
28000.00	RECHI CONSTRUCTION PVT LTD

Total in Figures

9414850.00

11125000.00

10923000.00

13644000.00

10688100.00

Lowest Amount Quoted BY: RECHI CONSTRUCTION PVT LTD(9414850.00)