

Government eProcurement System Created By: RAJESHKUMAR G Pillai Created Date/Time: 18-Jun-2025 12:06 PM Tender Title: Construction of balance Patrolling Road along Main Plant Boundary Tender ID: 2025_NPCIL_227273_1												
Tender Inviting Authority: Chief Engineer(E&US)												
Name of Work:Construction of balance Patrolling Road along Main Plant Boundary (MPB) at KKNPP Site												
Contract No: NPCIL/KK-1&2/CONST/CIVIL-INFRA/PT/2025/17												
SCHEDULE OF WORK / ITEM(S)												
SI.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	RKANDSONS (GSTN-33AAEFR1671C1ZN) BID ID -826996		S.A.V.Constructions (GSTN-NA) BID ID -824870		A.SARATHA (GSTN-NA) BID ID -827227		S.M.Thomaiyar & Son (GSTN-NA) BID ID -826852	
					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.00	Clearing jungle including uprooting of rank vegetation, grass bush wood trees and saplings up to 30 cm girth and removal of rubbish up to a lead of 2 km outside the periphery of area cleared as per drawings and specifications	18750.00	Sq.m		10.00	187500.00	20.00	375000.00	20.00	375000.00	22.00	412500.00
2.00	Earth work excavation by mechanical means (hydraulic excavator)/manual means for foundation, trenches etc., in all types of soils below ground level including shoring, strutting, bailing / pumping of water, leveling, ramming the bottom of excavation, refilling with selected excavated materials in the sides of the foundation in layers, consolidating and disposing off the surplus earth at places as directed within a lead of 2 Km all as per drawings and specifications. - up to 1.5m ht	7000.00	Cum		124.00	868000.00	300.00	2100000.00	180.00	1260000.00	203.00	1421000.00
3.00	Filling with selected earth in layers of not more than 150 mm thick compacted layer, each layer well rammed, watered and consolidated as per drawings and specifications											
3.10	Selected earth brought from 50 m lead	4200.00	Cum		105.00	441000.00	200.00	840000.00	116.00	487200.00	131.00	550200.00
3.20	Selected earth shall be brought from within a lead of 2 Km	3150.00	Cum		167.00	526050.00	350.00	1102500.00	120.00	378000.00	136.00	428400.00

4.00	Providing and laying M20/M25 Design mix concrete with cement content up to 350kg/Cum using 20mm and down graded stone aggregates including Mixing ,Ramming, Compaction, leveling, curing, placing at all lifts, including scaffolding and Finishing smooth all exposed faces complete as per specification.	50.00	Cum
5.00	Providing ,placing in position and removing Form work for all insitu concrete works including scaffolding etc., complete at all elevations as per drawing and specification (measurement for form work shall be the area of forms in contact with concrete surfaces)	150.00	Sqm
6.00	Providing cutting ,bending placing and tying mild steel, high yield steel reinforcement in RCC works including providing spacer blocks in CM 1:2, binding wires etc.complete at all elevations as per drawings and specifications including dewatering wherever necessary etc complete as per drawings and specifications	3.50	MT
7.00	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC , carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30, as per Clause 401 of MORT & H specifications complete in all respects.	2100.00	Cum
8.00	Providing& laying & spreading and compacting graded stone aggregate (size range53 mm to 0.075mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tipper to site, 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 as per clause 406 of MORT & H specifications complete in all respects.	2100.00	Cum

6028.00	301400.00	8000.00	400000.00	8500.00	425000.00	9573.00	478650.00
592.00	88800.00	700.00	105000.00	500.00	75000.00	579.00	86850.00
85876.00	300566.00	105000.00	367500.00	96000.00	336000.00	109477.00	383169.50
1655.00	3475500.00	1800.00	3780000.00	1400.00	2940000.00	1589.00	3336900.00
1655.00	3475500.00	1800.00	3780000.00	1300.00	2730000.00	1512.00	3175200.00

9.00	Providing and applying tack coat using bitumen emulsion conforming to IS:8E87 using emulsion Pressure distributor including preparing the surface & cleaning with mechanical broom with rapid settling emulsion on bitumen surface @ 0.25kg/sqm. as per clause 503 of MORT & H Specifications complete in all respects.	10500.00	Sqm
10.00	Providing and applying prime coat using slow setting bitumen emulsion conforming to IS:8887 on prepared surface of granular base including clearing the road surface and spraying primer at the rate of 6kg/10sqm, as per clause 502 of MORT & H specifications complete in all respects	10500.00	Sqm
11.00	Providing and laying Dense graded bituminous macadam 40 mm thick with 100 - 120 THP hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder at 4.0 to 4.5% by weight of total mix and filler, transporting the hot mix to site, laid over a previously prepared surface with a hydrostatic paver finisher with sensor control to the required grade level and alignment and rolled with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per clause 507 of MORT & H specifications complete in all respects.	420.00	Cum
12.00	Providing and laying bituminous concrete 30 mm thick with 100 - 120 THP hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder at 5.4 to 5.6% by weight of total mix and filler, transporting the hot mix to site, laid over a previously prepared surface with a hydrostatic paver finisher with sensor control to the required grade level and alignment and rolled with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per clause 509 of MORT & H specifications complete in all respects.	315.00	Cum

22.00	231000.00	25.00	262500.00	16.00	168000.00	18.00	189000.00
44.00	462000.00	55.00	577500.00	40.00	420000.00	50.00	525000.00
8445.00	3546900.00	9000.00	3780000.00	7400.00	3108000.00	8403.00	3529260.00
10706.00	3372390.00	9900.00	3118500.00	8500.00	2677500.00	9970.00	3140550.00

13.00	Providing and applying 2.5mm thick road marking trips (retro-reflective) of specified shade/color 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 drawings and specifications	700.00	Sqm
14.00	Providing and laying non-pressure RCC pipes with collars of dia & classes mentioned below, joined with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing the joints etc complete.		
14.10	RCC Pipes with Collars - 450mm dia - NP2	40.00	Meter
15.00	Applicable GST Rate (%) Included in the Quoted Price		

513.00	359100.00	500.00	350000.00	740.00	518000.00	837.00	585900.00
1442.00	57680.00	3000.00	120000.00	1750.00	70000.00	1965.00	78600.00

Total in Figures

17693386.00

21058500.00

15967700.00

18321179.50

Lowest Amount Quoted BY: A.SARATHA(15967700.00)