

BoQ for P way / RailwayTrack Maintenance from Ghidghara to Kechobabhal for New MGR syystem of OPGC II

SL	Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs)
1	Through packing of Broad Gauge railway straight/curved track of any sleeper with stone ballast to maintain correct alignment, cross and longitudinal level as required for maintaining track gauge, versine, super-elevation etc on both straight and curve track with contractors tools and labours inclusive of all charges as per IRPWM and as directed by EIC on our MGR track line including hopper, loading yard & unloading yard.	RMT	10000		
2	Slack packing of track as and when required with contractors tools and labours inclusive of all charges as per IRPWM manual.	RMT	8000		
3	Routine and break down maintenance for checking of track and rectification of work for safe movement of rake by engaging Key man, PWM, PWS & PWI inspection etc and two gang as per Indian railway standard and as per instruction of EIC. Gang man and keyman should have knowledge of past track maintenance job as per Indian Railway work manual and as per Scope of work mentioned in the bid. The ETKM shall be maintained as per scope of work required to upkeep the track.	ETKM (Equated track kilometer)	161.76		
4	Installation of PSC sleepers as per IRPWM manual	Each sleeper	15		
5	Renewal of worn out / broken in 1 in 8 1/2 straight / curved switches of Rail with Fitting & Fastening including lead upto 30 mtr. but excluding sleepers.	No	2		
6	Renewal of tongue rail left / right of 1 8 1/2 (straight and curved switch) complete with fitting and fastening including lead upto 30 mtr but excluding sleeper.	Per tongue rail	2		
7 (a)	Transportation of P way (rail, ballast, sleeper etc) and S&T heavy material from OPGC store/any site of OPGC to any other location of our MGR system by contractors own vehicle 407, small truck of six wheeler & tractor etc including loading and unloading. Lead from 0 mtr to 5 Kilo meter	Per trip	5		
7 (b)	Transportation of P way (rail, ballast, sleeper etc) and S&T heavy material from OPGC store/any site of OPGC to any other location of our MGR system by contractors own vehicle 407, small truck of six wheeler & tractor etc including loading and unloading. Lead from 5 Kilo meter to 20 Kilo meter	Per Trip	5		
8 (a)	Transportation of P way & S&T material(rail, ballast, sleeper etc) from store/any site of / to any other location of our MGR system by OPGC diploiry / material trolley including loading and unloading. a) Lead Upto 1 KM	MT	10		
8 (b)	Transportation of P way & S&T material(rail, ballast, sleeper etc) from store/any site of / to any other location of our MGR system by OPGC diploiry / material trolley including loading and unloading. Extra lead for each subsequent lead 0.5 Kilo meter / MT (Metric tonne)	MT	25		
9	Pulling back creep in ordinary track(for single rail) for Rail/short weld Rails of 39 mtrs and refixing anchors & all other fittings including slack packing and aquaring of displaced sleepers(Average creep 30 cm in two sides i.e 15 cm on each side rail in the running track.	Per meter of Rail	5000		
10	Renewal of Rails of any section with fitting and fastening including stacking with in 30 mtrs. in connection with Rail fracture or damage. (removal of exsisting rail and placing new rail.)	Per meter of Rail	100		
11	Lubrication of fish plated joints, bolts and nuts as per IRPW manual (consumbles like grease etc to be supplied by OPGC)	Per joint	2000		
12	Replacement/renewal of missing fittings and fasteners (nut, bolt and ERC of the track	Each	2000		
13	Replacement of GR sole plate	Each	1000		
14	Replacement of GFN / Metal liner /ERC /	Each	1000		
15	Maintenance of OPGC diploiry, checking of all the parts of the lorry for mechanical parts, proper lubrication and minor repair. OPGC shall provide spares for the work.	No	2		
16	Maintenance of OPGC Motorised trolley, checking of all the parts of the trolley for electrical parts, mechanical parts and proper lubrication. OPGC shall provide spares for the work.	No	2		

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SL	Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs)
17	Overhauling of level crossing with proper lubrication and as per IRPWM manual	No	1		
18	Drilling of Rail of 60 kg by agency hand tools	No	20		
19	Overhauling or shallow screening of track	RMT	1000		
20	Inspection of bridge by Railway retired of SSE /ADEN level	Manday	12		
21	Hiring of JCB for track and miscellaneous work	Hr	20		
22	Rail track welding with supply of raw material for welding for fracture in rail track	No	10		
23	Repair of cess including earth work (Earth work in ordinary soil within a lead of 100M, and lift up to 7.5M including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge	Cum	3000		
24	Conveying from stacks and spreading of stone ballast within a lead of 100m and lift up to 4.5 M	cum	1000		
25	Supply of coarse sand and filling in track as per instruction of EIC	cum	300		
26	Cutting of Rail of 60 kg by agency hand tools	No	30		
27	Supply of Crusher dust in track as per direction of EIC	Cum	150		
28	Patrolling of track from block station to Block station by foot or OPGC trolley engaging key man and supervisor for safety of rake movement	day	180		
Total Amount in INR (Excluding GST)					
GST shall be extra, applicable GST% along with SAC code to be indicated					