

DEPARTMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
	<i>DEMOLISHER</i>		
Dem - 001	Brick work in cement, demolished brick stacked and debris cleared.	M ³	1,633.00
Dem - 002	Brick work in lime, demolished brick - do- do	M ³	1,224.00
Dem - 003	Cadjan roofing or walling dismantled, timber stacked and debris cleared.	M ²	48.00
Dem - 004	Ceiling, existing, removed materials stacked and debris cleared.	M ²	150.00
Dem - 005	150 mm thick Cement concrete floor demolished, and debris cleared away.	M ²	1,066.00
Dem - 006	100 mm thick Cement concrete floor, reinforced, demolished in suspended floors, reinforcement removed and debris cleared.	M ²	1,539.00
Dem - 007	Corrugated sheets, Iron, Asbestos / Aluminium alloy, removed from roof or walls and stacked. [single storey]	M ²	175.00
Dem - 008	Door or window, size up to 40 S.ft removed from existing walls and stacked per door or window.	No	2,200.00
Dem - 009	Door or window, size over 40 S.ft removed from existing walls and stacked per door or window.	No	3,300.00
Dem - 010	Door or window, sash only up to 40 S.ft removed from existing walls and stacked.	No	306.00
Dem - 011	Door or window, sash only over 40 S.ft removed from existing walls and stacked.	No	459.00
Dem - 012	Down pipes, 4" to 6" dia. G.I old or decayed, removed from existing building and stacked.	Lm	75.00
Dem - 013	Drains demolished and debris cleared.	Lm	188.00
Dem - 014	Fence uprooted, Barbed wire rolled up and all materials stacked (length of fencing to measured).	Lm	343.00
Dem - 015	75 mm thick floors brick paved, demolished and debris cleared away.	M ²	133.00
Dem - 016	Gate sash removed and stacked after demolishing cement concrete blocks or removing posts and separating pintles (demolishing brick work where necessary paid for seperately).	No	2,200.00
Dem - 017	Glass panes in doors and windows and fanlight removed and stacked.	M ²	908.00
Dem - 018	Gutter, eaves, removed and stacked from roof of single storeyed building and stacked.	Lm	47.00
Dem - 019	Gutter, eaves, removed from roofs of 2 storeyed building and stacked.	Lm	71.00
Dem - 020	Partitions removed and stacked at site, including making good to walls and floors.	M ²	802.00
Dem - 021	Lime plastering chipped and debris cleared from site.	M ²	89.00
Dem - 022	Rendering cement, chipped from brick walls / floors and debris cleared away from site.	M ²	266.00
Dem - 023	Rendering cement, chipped from cement concrete walls / floors and debris cleared away from site.	M ²	400.00
Dem - 024	Roof, removing tiles with timber frame work, stacking serviceable material and cleaning debris in single storied building.	M ²	325.00

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Item Code	Description	Unit	Basic Rate
Dem - 025	Roof, removing tiles with timber frame work, stacking serviceable material and cleaning debris in 2 storied building.	M ²	449.00
Dem - 026	Rubble masonry in cement, demolished, rubble stacked and debris cleared away from site.	M ³	2,551.00
Dem - 027	Tiles, glazed demolished and debris cleared away from site.	M ²	474.00
Dem - 028	Tiles calicut or half round, removed from roof of single storeyed buildings and stacked at site.	M ²	118.00
Dem - 029	Tiles calicut or half round, removed from roof of 2 storeyed buildings and stacked at site.	M ²	186.00
Dem - 030	Waterproof Treatment of hot bitumen taken off from flat roof and debris cleared away.	M ²	474.00
Dem - 031	Ceiling Asbestos with timber frame work removing and stacking serviceable materials single storeyed building including debris cleared away from site.	M ²	554.00
Dem - 032	Ceiling Asbestos with timber frame work removing and stacking serviceable materials 2 storeyed building including debris cleared away from site.	M ²	678.00
Dem - 033	Valance / Barge board removed, materials stacked and debris cleared away in single storeyed building.	Lm	47.00
Dem - 034	Valance / Barge board removed, materials stacked and debris cleared away in 2 storeyed building.	Lm	71.00
Dem - 035	Cement plastering soffit chipped, and debris cleared away from site.	M ²	350.00
Dem - 036	Wash Basin / sink / urinal with fittings fittings removed and walls made good.	No	2,555.00
Dem - 037	Closet pedestal type disconnecting and plugging sewer connection and making good all affected walls and floors.	No	3,017.00
Dem - 038	Closet pedestal type disconnecting and plugging sewer connection.	No	1,275.00
	EXCAVATOR		
Exc - 001	Removing top soil to a depth not exceeding 6" & depositing as directed within site.	M ²	237.00
Exc - 002	Excavation over site to reduce level in any material except rock requiring blasting including depositing and leveling as directed up to a distance not exceeding 10 m.	M ³	1,263.00
Exc - 003	Excavation in trenches for walls/column pits, in soft/loose soil from 0 to 5ft deep, part return fill in and ram, and disposing surplus excavated material to a distance not exceeding 10 m. (Earth work support to be paid separately where necessary).	M ³	777.00
Exc - 004	Excavation in trenches for walls/column pits in ordinary soil from 0 to 5ft deep, part return fill in and ram, and disposing surplus excavated material to a distance not exceeding 10 m.	M ³	1,749.00

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Item Code	Description	Unit	Basic Rate
Exc - 005	Excavation in trenches for walls/column pits in hard/dense soil from 0 to 5ft deep, part return fill in and ram, and disposing surplus excavated material to a distance not exceeding 10 m.	M ³	2,721.00
Exc - 006	Excavation in trenches for walls/column pits in mud/wet soil from 0 to 5ft deep, part return fill in and ram, and disposing surplus excavated material to a distance not exceeding 10 m.	M ³	1,943.00
Exc - 007	Excavation in trenches for walls/column pits, in soft disintegrated rock (not requiring blasting) up to a depth of 5ft and disposing surplus excavated material to a distance not exceeding 10 m.	M ³	2,332.00
Exc - 008	Benching rock in foundation in 3"-6" steps. (Blasting prohibited)	M ²	6,631.00
Exc - 009	Soft rock excavation	M ³	3,180.00
Exc - 010	Hard rock excavation	M ³	4,806.00
Exc - 011	Anti-termite treatment on excavated foundation and compacted soil under floors with Bifenthrin chemical mix (Biflex Manufacturer) or equivalent as per manufactures specification.	M ²	460.00
Exc - 012	Backfilling & compacting pits and trenches with selected earth available at site.	M ³	777.00
Exc - 013	Backfilling & compacting pits and trenches with gravel	M ³	4,435.00
Exc - 014	Backfilling & compacting pits and trenches with granite dust	M ³	5,857.00
Exc - 015	Backfilling & compacting pits and trenches with lime dust	M ³	Not Applicable
Exc - 016	Backfilling & compacting pits and trenches with red earth	M ³	Not Applicable
Exc - 017	Backfilling & compacting pits and trenches with river sand	M ³	6,466.00
	<i>Filling under floors</i>		
Exc - 018	Filling under floors including leveling watering and compacting in 6" layers with available and selected earth at site.	M ³	1,555.00
Exc - 019	Filling under floors including leveling watering and compacting in 6" layers with gravel	M ³	5,212.00
Exc - 020	Filling under floors including leveling watering and compacting in 6" layers with granite dust	M ³	6,634.00
Exc - 021	Filling under floors including leveling watering and compacting in 6" layers with lime dust	M ³	Not Applicable
Exc - 022	Filling under floors including leveling watering and compacting in 6" layers with red earth	M ³	Not Applicable
Exc - 023	Filling under floors including leveling watering and compacting in 6" layers with river sand.	M ³	7,244.00
Exc - 024	External earth filling around the building with filling gravel	M ³	3,663.00

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Item Code	Description	Unit	Basic Rate
Exc - 025	External earth filling around the building with filling granite dust.	M ³	4,900.00
Exc - 026	External earth filling around the building with filling lime dust	M ³	Not Applicable
Exc - 027	External earth filling around the building with filling red earth	M ³	Not Applicable
Exc - 028	Cutting turf sods loading to hand carts and transporting up to 30yards laying and watering for 30 days (Royalty for turf, pegging and transport beyond 30yards paid separately.)	M ²	1,098.00
	<i>Earthwork support</i>		
Exc - 029	Earthwork support (open planking) in trenches up to a depth of 5ft 0" . Consider trench of length of 15'- 0" , width 3'- 0"and 5'- 0" depth open planking to both faces. [total area - 2/(15'x 5')=150 sqft.]	M ²	1,235.00
Exc - 030	Earthwork support (close planking) in trenches up to 5ft 0" depth. Consider trench of length of 15'-0" , width 3'- 0"and 5'- 0" depth planking to both faces. [total area - 2/(15'x 5')=150 sqft.]	M ²	1,799.00
Exc - 031	Earthwork support (Close planking) in deep excavation in trenches up to 15'- 0" depth. Consider trench length of 15ft 0" width 5'- 6" at top and 3'- 6" at bottom. [area supported 2/(15'x 15')= 450 sqft]	M ²	2,012.00
	<i>CONCRETE WORK</i>		
	<i>Mixing Only</i>		
Con - 001	Cement concrete 1 : 3 : 6 (1") hand mixing, up to one cube. (Shuttering paid for separately)	M ³	24,726.00
Con - 002	Cement concrete 1 : 3 : 6 (1") using mixer mix.	M ³	20,762.00
Con - 003	Cement concrete 1 : 3 : 6 (1½") using mixer mix.	M ³	20,600.00
Con - 004	Cement concrete 1 : 2½ : 5 (1") using mixer mix.	M ³	21,755.00
Con - 005	Cement concrete 1 : 2 : 4 (¾") hand mixing.	M ³	29,128.00
Con - 006	Cement concrete 1 : 2 : 4 (¾") using mixer mix.	M ³	24,914.00
Con - 007	Cement concrete 1 : 1½ : 3 (¾") using mixer mix.	M ³	28,077.00
Con - 008	Cement concrete 1 : 1 : 2 (¾") using mixer mix.	M ³	35,373.00
	<i>Mixing and Placing</i>		
Con - 009	2" thick cement concrete 1: 3: 6 (1") screed in foundation at depths not exceeding 5'-0"	M ²	1,209.00
Con - 010	2" thick cement concrete 1: 3: 6 (1½") screed in foundation at depths not exceeding 5'-0"	M ²	1,201.00

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Item Code	Description	Unit	Basic Rate
Con - 011	3" thick cement concrete 1: 3: 6 (1") screed in foundation at depths not exceeding 5'-0"	M ²	1,795.00
Con - 012	3" thick cement concrete 1: 3: 6 (1½") screed in foundation at depths not exceeding 5'-0"	M ²	1,783.00
Con - 013	3" thick cement concrete in floor 1 : 2½ : 5 (1")	M ²	1,871.00
Con - 014	3" thick cement concrete in floor 1 : 2 : 4 (¾")	M ²	2,111.00
Con - 015	3" thick cement concrete in floor 1 : 1½ : 3 (¾")	M ²	2,352.00
Con - 016	6" thick cement concrete screed in foundation, Mass concrete 1: 3: 6 (1½") at depths not exceeding 5'-0"	M ³	24,204.00
Con - 017	1:2:4 (¾") Reinforced cement concrete for footing, plinth beam and etc.	M ³	30,833.00
Con - 018	1 : 1½ : 3 (¾") Reinforced cement concrete for footing, plinth beam and etc.	M ³	33,995.00
Con - 019	Cement concrete 1:2:4 (¾") in 4½"x 6" column in ground floor	M ³	34,700.00
Con - 020	Cement concrete 1 : 1½ : 3 (¾") in 4½"x 6" column in ground floor	M ³	37,863.00
Con - 021	Cement concrete 1:2:4 (¾") in 6"x 6" column in ground floor	M ³	34,533.00
Con - 022	Cement concrete 1 : 1½ : 3 (¾") in 6"x 6" column in ground floor	M ³	37,696.00
Con - 023	Cement concrete 1:2:4 (¾") in 9"x 9" column in ground floor	M ³	34,337.00
Con - 024	Cement concrete 1 : 1½ : 3 (¾") in 9"x 9" column in ground floor	M ³	37,500.00
Con - 025	Cement concrete 1:2:4 (¾") in 12"x 12" column in ground floor	M ³	33,359.00
Con - 026	Cement concrete 1 : 1½ : 3 (¾") in 12"x 12" column in ground floor	M ³	36,522.00
Con - 027	Cement concrete 1:2:4 (¾") in 13½" x 13½" column in ground floor	M ³	33,202.00
Con - 028	Cement concrete 1 : 1½ : 3 (¾") in 13½" x 13½" column in ground floor	M ³	36,365.00
Con - 029	Cement concrete 1: 2: 4 (¾") in 6" x 6" beam up to first floor.	M ³	36,306.00
Con - 030	Cement concrete 1 : 1½ : 3 (¾") in 6" x 6" beam up to first floor.	M ³	39,469.00
Con - 031	Cement concrete 1: 2: 4 (¾") in 9" x 6" beam up to first floor.	M ³	36,188.00
Con - 032	Cement concrete 1 : 1½ : 3 (¾") in 9" x 6" beam up to first floor.	M ³	39,351.00
Con - 033	Cement concrete 1: 2: 4 (¾") in 9" x 9" beam up to first floor.	M ³	36,143.00
Con - 034	Cement concrete 1 : 1½ : 3 (¾") in 9" x 9" beam up to first floor.	M ³	39,306.00
Con - 035	Cement concrete 1 : 2 : 4 (¾") in 5" thick floor slab in first floor.	M ³	30,798.00
Con - 036	Cement concrete 1 : 1½ : 3 (¾") in 5" thick floor slab in first floor.	M ³	33,960.00
Con - 037	Cement concrete 1 : 2 : 4 (¾") in 6" thick floor slab in first floor.	M ³	30,789.00

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Item Code	Description	Unit	Basic Rate
Con - 038	Cement concrete 1 : 1½ : 3 (¾") in 6" thick floor slab in first floor.	M ³	33,951.00
Con - 039	Cement concrete 1 : 2 : 4 (¾") in 4½"x 6" continuous lintel in ground floor.	M ³	36,114.00
Con - 040	Cement concrete 1 : 1½ : 3 (¾") in 4½"x 6" continuous lintel in ground floor.	M ³	39,276.00
Con - 041	Cement concrete 1 : 2 : 4 (¾") in 9"x 9" continuous lintel in ground floor.	M ³	36,025.00
Con - 042	Cement concrete 1 : 1½ : 3 (¾") in 9"x 9" continuous lintel in ground floor.	M ³	39,188.00
Con - 043	Cement concrete 1 : 2 : 4 (¾") in 9"x 12" continuous lintel in ground floor.	M ³	36,015.00
Con - 044	Cement concrete 1 : 1½ : 3 (¾") in 9"x 12" continuous lintel in ground floor.	M ³	39,178.00
Con - 045	Cement concrete 1 : 2 : 4 (¾") in 12"x 15" continuous lintel in ground floor.	M ³	35,986.00
Con - 046	Cement concrete 1 : 1½ : 3 (¾") in 12"x 15" continuous lintel in ground floor.	M ³	39,149.00
Con - 047	Casting 12"x12", 2" thick cement concrete 1:2:4(¾") cover slab.	No	451.00
	FORM WORK		
Con - 048	Sawn timber formwork to 9"x 9" cement concrete column in ground floor	M ²	4,055.00
Con - 049	Sawn timber formwork for concrete beam in ground floor	M ²	5,441.00
Con - 050	Sawn timber formwork for under side of first floor slab.	M ²	3,478.00
Con - 051	Sawn timber formwork for column footings, wall and plinth beam etc.	M ²	706.00
Con - 052	Formwork for lintels.	M ²	954.00
Con - 053	Shuttering for columns up to 4' 00" height, including transporting, erecting and dismantling, using prefabricated steel shutter halves and necessary fixing arrangements. The surface shall be clean and smooth. The rate shall inclusive of all probs and cleaning moulds.	M ²	1,274.00
	REINFORCEMENT		
Con - 054	Tor steel reinforcement to lintels, slab, beam and column etc bent to shape laid in position & tied with GI wire as directed.	Kg	476.00
Con - 055	Mild steel reinforcement to lintels, slab, beam and column etc bent to shape laid in position & tied with GI wire as directed.	Kg	476.00
	Ready mixed cement concrete		
Con - 056	Supplying, pumping and laying ready mixed cement concrete Grade 20 [Target mean strength 30N/mm ²]. Up to 30m ³ Transport included.	M ³	63,643.00
Con - 057	Supplying, pumping and laying ready mixed cement concrete Grade 25 [Target mean strength 35N/mm ²]. Up to 30m ³ Transport included	M ³	64,643.00
Con - 058	Additional concrete pumping truck charges - Above 30.00 M3	M ³	1,300.00

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Item Code	Description	Unit	Basic Rate
	MASONRY WORK		
Mas - 001	Random rubble masonry in cement mortar 1:5 in foundation	M ³	20,230.00
Mas - 002	Random rubble masonry in cement mortar 1:5 in superstructure	M ³	21,484.00
Mas - 003	Cement concrete block in 1:4:5 (¾") masonry in 1:5 cement and sand.	M ³	35,462.00
	150mm Block	M ²	5,319.00
	125mm Block	M ²	4,433.00
	100mm Block	M ²	3,546.00
Mas - 004	Cement sand block in 1:6 mix in masonry in 1:5 cement and sand.	M ³	24,841.00
	150mm Block	M ²	3,726.00
	125mm Block	M ²	3,105.00
	100mm Block	M ²	2,484.00
	Hollow Block Masonry		
Mas - 005	8" thick Hollow block masonry in cement and sand mortar 1:5 with cavities unfilled.	M ²	5,104.00
Mas - 006	4" thick Hollow block masonry in cement and sand mortar 1:5 with cavities unfilled.	M ²	3,573.00
Mas - 007	Curb in cement concrete 1:2:4 (¾") 9" height and 3" thick, cement rendered ½" thick including excavation.	lm	2,200.00
Mas - 008	Padstones, cement, concrete 1:2:4 (¾") precast or in situ. 1'-6" x 0'-9" x 0'-6" .(450mmx225mmx150mm)	No	1,140.00
Mas - 009	Slabs over drain, cement concrete 3" thick, 1:2:4 (¾") reinforced with expanded metal and ½" cement rendered 1:2 (R/F paid for separately).	M ²	4,414.00
Mas - 010	Spur Stones, cement concrete 1:2:4 (¾") for door posts supplied and fixed.	Stone	133.00
	Drains and Ramps		
	<i>Note: All drains and ramps shall be constructed with lean concrete base and with proper masonry works. If necessary reinforcement shall be used. In pricing the items, lean concrete, masonry works, earth fillings and reinforcement shall be measured and paid separately unless they are included in description.</i>		
Mas - 011	Drains semicircular in cement concrete 1 : 2½ : 5 (1") 9" wide and 9" average depth, 3" thick sides and base with necessary masonry work and reinforcement, inclusive of ½" cement rendering 1:3 with necessary expansion joints, excavation and back filling, but without ramp. (Reinforcement and masonry work paid separately)	Lm	3,353.00

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Mas - 012	Drains semicircular in cement concrete 1: 2½: 5 (1") 9" wide and 9" average depth, 3" thick sides and base with necessary masonry work and reinforcement, inclusive of ½" cement rendering 1:3 and 750 mm wide ramp in 1: 2½: 5 (1"), 3" thick with necessary expansion joints and excavation and back filling. (Reinforcement and masonry work paid separately)	Lm	5,569.00
Mas - 013	Drains semi circular in cement concrete 1 : 2 : 4 (¾") 9" wide and 9" average depth, 3" thick sides and base with necessary masonry work and reinforcement, inclusive of ½" cement rendering 1:3 with necessary expansion joints, excavation and back filling, but without ramp (Reinforcement and masonry work paid separately).	Lm	3,482.00
Mas - 014	Drains semicircular in cement concrete 1 : 2 : 4 (¾") 9" wide and 9" average depth, 3" thick sides and base with necessary masonry work and reinforcement, inclusive of ½" cement rendering 1:3 and 750 mm wide ramp in 1 : 2 : 4 (¾"), 3"thick with necessary expansion joints, excavation and back filling (Reinforcement and masonry work paid separately).	Lm	5,881.00
Mas - 015	Ramp in cement concrete 1: 2½: 5 (1"), 3" thick, inclusive of ½" cement rendering 1:3 with necessary expansion joints, excavation, back filling and side wall with masonry work. Masonry work measured separately. [750 mm wide ramp].	M ²	2,141.00
Mas - 016	Ramp in cement concrete 1: 2: 4 (¾"), 3" thick, inclusive of ½" cement rendering 1:3 with necessary expansion joints, excavation and back filling [750 mm wide ramp]. Rate include for 3"thick 18" height side wall with cement concrete 1: 2: 4 (¾")	M ²	3,732.00
Mas - 017	Spreading with 25mm granite metal ramp with a width of 150mm including excavation, 150mm width and 75mm thick base concrete in 1:3:6(25mm), 3"thick curb wall concrete in 1:2:4(20mm) with 10mm dia tor steel at 300mm centers in vertical , horizontally 225mm spacing with 6mm dia mild steel, necessary formwork, earth filling depth not exceeding 350mm, rendering, etc.	M ²	7,143.00
	BRICK WORK		
Bri -001	Brick work in cement and sand 1:5 in foundation up to DPC	M ³	21,509.00
Bri -002	Brick work in cement and sand 1:8 in foundation up to DPC	M ³	20,153.00
Bri -003	Brick work in cement and sand 1:5 in 4 ½" thick wall in ground floor	M ²	2,590.00
Bri -004	Brick work in cement and sand 1:5 in 9" thick wall in ground floor	M ²	4,973.00
Bri -005	Brick work in cement and sand 1:5 in 13 ½" thick super structure in ground floor	M ²	7,516.00
Bri -006	Brick work in cement and sand 1:5 in 9" thick super structure in ground floor	M ²	4,697.00
Bri -007	Brick work (wire cut) in cement and sand 1:5 in 4 ½" thick wall in ground floor	M ²	8,446.00
Bri -008	9" thick Brick work (wire cut) in cement and sand 1:5	M ²	16,162.00
Bri -009	Brick work (wire cut) in cement and sand 1:5 in 13 ½" thick in ground floor	M ²	25,003.00

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Bri -010	3" thick brick paved floor in lime mortar 2:5 in ground floor	M ²	2,758.00
Bri -011	Steps 1'- 1 1/2"x 0'- 6" in brick in cement and sand 1:5 with 1/2" thick cement and sand 1:2 rendering including necessary excavation and backfilling.	Lm	2,205.00
Bri -012	Brick drains in cement and sand 1:5, 9" wide and 6"-9" average depth including 3" thick 9" width 1:3:6 (1") cement concrete base, cement rendering 1/2" thick 1:2 to exposed faces with 1' - 6" ramp necessary excavation and back filling. (Lean concrete paid separately)	Lm	3,766.00
Bri -013	Brick drains in cement and sand 1:5, 9" wide and 6"-9" average depth including 3" thick 9" width 1:3:6 (1") cement concrete base, cement rendering 1/2" thick 1:2 to exposed faces without ramp including necessary excavation and back filling (Lean concrete paid separately).	Lm	3,221.00
Bri -014	Expansion joints in brick floors, filling with bitumen and sand.	Lm	109.00
	<i>PAVING WORK</i>		
Pav -001	Expansion joints in concrete floors filling with bitumen and sand (to full depth of concrete and rendering).	Lm	250.00
	<i>Floor tile</i>		
Pav -002	200mm x 200mm size, Non-skid floor tiles bedded in 1/2" cement mortar 1:2 and pointed with tile grout to match the tiles. (Prime cost of 200mm x 200mm floor tile [Lanka tile or equivalent] not less than 300.00 /= Excluding vat)	M ²	10,738.00
Pav -003	200mm x 200mm size, Non-skid floor tiles on existing bedding and pointed with tile grout to match the tiles. (Prime cost of 200mm x 200mm floor tile [Lanka tile or equivalent] not less than 300.00 /= Excluding vat)	M ²	9,618.00
Pav -004	300mm x 300mm size, Non-skid floor tiles bedded in 1/2" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of 300mm x 300mm floor tile [Lanka tile or equivalent] not less than 710.00/= Excluding vat)	M ²	11,134.00
Pav -005	300mm x 300mm size, Non-skid floor tiles on existing bedding and pointed with tile grout to match the tiles.(Prime cost of 300mm x 300mm floor tile [Lanka tile or equivalent] not less than 710.00 /= Excluding vat)	M ²	10,014.00
Pav -006	400mm x 400mm size, Non-skid floor tiles bedded in 1/2" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of 400mm x 400mm floor tile [Lanka tile or equivalent] N/A /= Excluding vat)	M ²	Not Applicable
Pav -007	400mm x 400mm size, Non-skid floor tiles on existing bedding and pointed with tile grout to match the tiles.(Prime cost of 400mm x 400mm floor tile [Lanka tile or equivalent] N/A /= Excluding vat)	M ²	Not Applicable
Pav -008	600mm x 600mm size, Non-skid floor tiles bedded in 1/2" cement mortar 1:2 and pointed with tile grout to match the tiles. (Prime cost of 600mm x 600mm floor tile [Lanka tile or equivalent] not less than 1,650.00 /= Excluding vat)	M ²	7,771.00
Pav -009	600mm x 600mm size, Non-skid floor tiles on existing bedding and pointed with tile grout to match the tiles. (Prime cost of 600mm x 600mm floor tile [Lanka tile or equivalent] not less than 1,650.00 = Excluding vat)	M ²	6,652.00

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Pav -010	300mm x 600mm size, Homogenous porcelain Matt floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 835.00/= Excluding vat)	M ²	7,828.00
Pav -011	300mm x 600mm size, Homogenous porcelain Matt floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 835.00 /= Excluding vat)	M ²	6,708.00
Pav -012	300mm x 600mm size, Homogenous porcelain Matt floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 835.00 /= Excluding vat)	M ²	7,828.00
Pav -013	300mm x 600mm size, Homogenous porcelain Matt floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 835.00 /= Excluding vat)	M ²	6,708.00
Pav -014	300mm x 600mm size, Homogenous porcelain semi gloss floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 1,165.00 /= Excluding vat)	M ²	9,693.00
Pav -015	300mm x 600mm size, Homogenous porcelain semi gloss floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 1,165.00/= Excluding vat)	M ²	8,573.00
Pav -016	400mm x 400mm size, Homogenous porcelain Matt floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 654.00/= Excluding vat)	M ²	7,322.00
Pav -017	400mm x 400mm size, Homogenous porcelain Matt floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 654.00/= Excluding vat)	M ²	6,203.00
Pav -018	300mm x 300mm size, Homogenous porcelain Semi gloss floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 284.00 /= Excluding vat)	M ²	6,319.00
Pav -019	300mm x 300mm size, Homogenous porcelain Semi gloss floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 284.00/= Excluding vat)	M ²	5,199.00
Pav -020	300mm x 300mm size, Homogenous porcelain Semi gloss floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 284.00/= Excluding vat)	M ²	6,319.00
Pav -021	300mm x 300mm size, Homogenous porcelain Semi gloss floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 284.00 /= Excluding vat)	M ²	5,199.00
Pav -022	400mm x 400mm size, Homogenous porcelain Semi gloss floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 654.00 /= Excluding vat)	M ²	7,322.00

DEPATMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Pav -023	400mm x 400mm size, Homogenous porcelain Semi gloss floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 654.00/= Excluding vat)	M ²	6,203.00
Pav -024	400mm x 400mm size, Homogenous porcelain Semi gloss floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 654.00 /= Excluding vat)	M ²	7,322.00
Pav -025	400mm x 400mm size, Homogenous porcelain Semi gloss floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 654.00/= Excluding vat)	M ²	6,203.00
Pav -026	600mm x 600mm size, Homogenous porcelain Semi gloss floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 2,055.00 /= Excluding vat)	M ²	8,916.00
Pav -027	600mm x 600mm size, Homogenous porcelain Semi gloss floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 2,055.00 /= Excluding vat)	M ²	7,796.00
Pav -028	600mm x 600mm size, Homogenous porcelain semi gloss floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 1,881.00/= Excluding vat)	M ²	8,916.00
Pav -029	600mm x 600mm size, Homogenous porcelain semi gloss floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 1,881.00 /= Excluding vat)	M ²	7,796.00
Pav -030	600mm x 600mm size, Homogenous porcelain matt finish floor tile bedded in ½" cement mortar 1:2 and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 1,881.00/= Excluding vat)	M ²	9,139.00
Pav -031	600mm x 600mm size, Homogenous porcelain Matt finish floor tile on existing bedding and pointed with tile grout to match the tiles.(Prime cost of Floor tile [Rocell or equivalent] not less than 1,881.00 /= Excluding vat)	M ²	8,019.00
	<i>Tile skirting</i>		
Pav -032	100mm hight tiles skirting to walls including 1:3 cement sand bed and tile mortar grout.(Prime cost of 600mm x 600mm floor tile [Lanka tile or equivalent] not less than 1,650.00/= Excluding vat)	Lm	599.00
Pav -033	100mm hight tiles skirting to walls including 1:3 cement sand bed and tile mortar grout.(Prime cost of 600mm x 600mm Semi gloss Floor tile [Rocell or equivalent] not less than 2,055.00 /= Excluding vat)	Lm	721.00

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Item Code	Description	Unit	Basic Rate
Pav -034	100mm high tiles skirting to walls including 1:3 cement sand bed and tile mortar grout.(Prime cost of 600mm x 600mm semi gloss Floor tile [Rocell or equivalent] not less than1,881.00 /= Excluding vat)	Lm	721.00
Pav -035	100mm high tiles skirting to walls including 1:3 cement sand bed and tile mortar grout.(Prime cost of 600mm x 600mm Matt finish Floor tile [Rocell or equivalent] not less than 1,881.00/= Excluding vat)	Lm	744.00
	Wall tile		
Pav -036	200mm x 300mm size, Glazed tile fixed to walls including bedding in 1/2" thick cement mortar 1:2 and raking and pointed with tile grout to match the tiles. (Prime cost of 200mm x 300mm wall tile [Lanka tile or equivalent] not less than 850.00/= Excluding vat)	M ²	Not Applicable
Pav -037	200mm x 300mm size, Glazed tile fixed to walls on existing rendered wall and raking and pointed with tile grout to match the tiles. (Prime cost of 200mm x 300mm wall tile [Lanka tile or equivalent] not less than 850.00/= Excluding vat)	M ²	Not Applicable
Pav -038	300mm x 450mm Glazed tile fixed to walls including bedding in 1/2" thick cement mortar 1:2 and raking and pointed with tile grout to match the tiles. (Prime cost of 300mm x 450mm Ceramic wall tile [Rocell or equivalent] not less than N/A /= Excluding vat)	M ²	Not Applicable
Pav -039	300mm x 450mm Glazed tile fixed to existing rendered walls raking and pointed with tile grout to match the tiles. (Prime cost of 300mm x 450mm Ceramic wall tile [Rocell or equivalent] not less than N/A/= Excluding vat)	M ²	Not Applicable
Pav -040	300mm x 600mm Glazed tile fixed to walls including bedding in 1/2" thick cement mortar 1:2 and raking and pointed with tile grout to match the tiles. (Prime cost of 300mm x 600mm Ceramic wall tile [Rocell or equivalent] not less than 853.00 /= Excluding vat)	M ²	7,257.00
Pav -041	300mm x 600mm Glazed tile fixed to existing rendered walls and raking and pointed with tile grout to match the tiles. (Prime cost of 300mm x 600mm Ceramic wall tile [Rocell or equivalent] not less than853.00 /= Excluding vat)	M ²	6,137.00
	ROOF WORK		
Roo -001	Roof with Calicut pattern tiles laid on kempas / special upper class timber frame work for hip roof in single storey building consisting of wall plate, beam, post, ridge plate, rafters, reepers etc. Rate to include Calicut pattern ridge tile laid on bedded, cement and sand 1:5 and pointed with cement and sand 1:3 coloured to match the colour of tiles. Beam & post paid separately. (Prime cost of clay tile not less than 135. /=)	M ²	8,683.00
Roo -002	Gable end roof on ...do... ..do... ..do...	M ²	7,517.00
Roo -003	Hip Roof covering with calicut pattern clay tiles in single storey building on existing timber frame work. (Prime cost of clay tile not less than 100.00 /=)	M ²	2,087.00

DEPATMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Roo -004	Gable end roof on ...do... ...do... ...do...	M ²	1,937.00
Roo -005	Roof with corrugated asbestos sheet fixed on kempas / special upper class timber frame work in single storeyed building	M ²	5,694.00
Roo -006	Roof with corrugated asbestos sheet (Timber frame work and ridge covering measured separately)	M ²	2,261.00
Roo -007	Asbestos close fittings ridging fixed complete with roofing screws or bolts (Hook)	Lm	2,505.00
Roo -008	Ridging covering with calicut pattern ridge tiles bedded in cement lime mortar 1:1:4.	Lm	1,313.00
Roo -009	Tiles, Calicut pattern, flat supplied and laid up to 5 tiles in single storeyed buildings. (Prime cost of clay tile not less than 100.00 /=)	No	146.00
Roo -010	Tiles, Calicut pattern, flat supplied and laid (above 5 and up to 25 tiles) in single storeyed buildings. (Prime cost of clay tile not less than 100.00 /=)	No	118.00
Roo -011	Tiles, Calicut pattern flat supplied and laid in any building. (Prime cost of clay tile not less than 100.00 /=)	M ²	1,464.00
Roo -012	Tiles, Calicut pattern flat supplied and laid in any building. (Tiles available at site)	M ²	118.00
Roo -013	Shifting and re - laying calicut tiles	M ²	237.00
Roo -014	¾ "x 9" high valance board in class I fixed with brass screws to ends of rafters.	Lm	1,331.00
Roo -015	24 BWG (1.2mm) galvanised iron sheet valley gutter 3'-0" girth over all once bent with end laps not less than 9" width including ¾" tongued and grooved planks in spl upper class laid to slope and profile on timber (with wood preservative) members.	Lm	9,357.00
Roo -016	22 BWG (1.2mm) galvanised iron sheet valley gutter 3'-0" girth over all once bent with end laps not less than 9" width including ¾" tongued and grooved planks in spl upper class laid to slope and profile on timber (with wood preservative) members.	Lm	9,794.00
Roo -017	24 BWG (1.2mm) galvanised iron flashing 1' - 6" girth overall 3 times bent with end laps not less than 6" lead soldered turned and tucked up to not less than 6" into chase cut in wall and pointed in cement mortar 1:2 lower end dressed over roof covering not less than 1'-0" wide.	Lm	2,824.00
Roo -018	Supplying laying sandwich panel roofing GLAMT G5 A 0.44 - 0.35/0.32mm thick Zn-Al sheet, PV - 50mm panel weight 8.06 kg/m ² with necessary fittings self-tapping fasteners etc. On galvanized iron 'C' channel purlin as per manufacturer's specification. Purlin measured separately.(Prime cost of 50mm thickness sandwich panels roof sheet with transport [Top sheet 0.47mm thick & bottom sheet 0.35mm thick] 1,080.00 /= per Sqft Excluding vat)	M ²	12,440.00

DEPATMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Roo -019	Zinc aluminium Coated Profiled Steel Sheets shall be roll -formed from high tensile steel sheets to AS1397 - G 550 - AZ150 or other approved international standards, Minimum yield stress 550 Mpa and coating mass 150 g/m2. The sheeting shall have a baked paint coating of Epoxy primer/ polyester paint of Epoxy primer / PVF2 paint on the top surface and Epoxy primer/ polyester paint at the back surface. Base steel section shall be not less than 0.42 mm thick and total coated thickness not less than 0.47 mm. Type of profile selected shall be suitable for the internal and end support spacing and conform to the manufacturer's printed literature. Approved colour laid on existing frame work and fixed with self-tapping fasteners etc. (Prime cost of 0.47mm Thickness Zinc Aluminium alloy coated trimclad roof sheet 479.00 /= per Sqft Excluding vat)	M ²	6,881.00
Roo -020	Zinc aluminium Coated Profiled Steel Sheets shall be roll -formed from high tensile steel sheets to AS1397 - G 550 - AZ200 or other approved international standards, Minimum yield stress 550 Mpa and coating mass 200 g/m2. The sheeting shall have a baked paint coating of Epoxy primer/ polyester paint of Epoxy primer / PVF2 paint on the top surface and Epoxy primer/ polyester paint at the back surface. Base steel section shall be not less than 0.42 mm thick and total coated thickness not less than 0.47 mm. Type of profile selected shall be suitable for the internal and end support spacing and conform to the manufacturer's printed literature. Approved colour laid on existing frame work and fixed with self-tapping fasteners (NO 12-14 x 55 HGS (class 4)) etc. (Prime cost of 0.47mm Thickness Zinc Aluminium alloy coated trimclad roof sheet 479.00 /= per Sqft Excluding vat)	M2	7,183.00
Roo -021	Supplying & laying 0.47mm thick coloured Zn-Al high tensile ridging with 150g/m2 coating mass fixed with self tapping fasteners etc.	Lm	3,745.00
Roo -022	Supplying & laying 0.47mm thick coloured Zn-Al high tensile ridging with 200g/m2 coating mass fixed with self tapping fasteners etc.	Lm	3,692.00
Roo -023	Supplying & fixing 0.47mm thickness, 150g/m2 coating mass Zn-Al gutter with 700 mm girth on valance board with external brackets.	Lm	3,065.00
Roo -024	Supplying & fixing 0.47mm thickness, 200g/m2 coating mass Zn-Al gutter with 610 mm girth on valance board with external brackets.	Lm	6,659.00
Roo -025	Supplying & fixing 100 x 100mm square 0.47mm thickness, 150g/m2 coating mass Zn-Al down pipe with necessary fittings.	Lm	3,466.00
Roo -026	Supplying & fixing 100 x 100mm square 0.47mm thickness, 200g/m2 coating mass Zn-Al down pipe with necessary fittings.	Lm	4,852.00
Roo -027	Supplying & laying 8mm thick heat installation with 75 x 75mm weld mesh (gauge 17) under amino (Zn/Al) sheet roofing.	M2	1,929.00
Roo -028	Supplying & laying 5mm thick heat installation with 75 x 75mm weld mesh (gauge 17) under amino (Zn/Al) sheet roofing.	M2	1,654.00
Roo -029	Supplying & laying 3mm thick heat installation with 75 x 75mm weld mesh (gauge 17) under amino (Zn/Al) sheet roofing.	M2	1,449.00
	<i>CARPENTRY AND JOINERY WORK</i>		

DEPARTMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Car - 001	Horizontal ceiling lining using 4'- 0"x 4'- 0" flat asbestos cement sheets fixed to timber framework with 2 coats of colourless wood preservative including 1 1/2"x 1/2" beading and 2"x2"cover mouldings on timber frame work. Comprising of 4" x 2" 1200 mm centers joists and 2" x 2" bearers 600 mm centers in kempas timber/special upper class timber.	M ²	5,630.00
Car - 002	Horizontal ceiling lining using 4'- 0"x 4'- 0" flat asbestos free sheets fixed to timber framework with 2 coats of colourless wood preservative including 1 1/2"x1/2"beading and 2"x2"cover mouldings on timber frame work. Comprising of 4" x 2" 1200 mm centers joists and 2" x 2" bearers 600 mm centers in kempas timber/special upper class timber.	M ²	5,584.00
Car - 003	Horizontal ceiling lining using 4'- 0"x 4'- 0" flat asbestos free sheets fixed to timber framework with 2 coats of colourless wood preservative including aluminium beading 1" wide both ways with rubber fillets to aluminium beading on timber frame work. comprising of 4"x 2" joists 1200mm centers, 2" x 2" bearers 600mm centers and 2"x1" spacer bearers not exceeding 600mm centres to from 600 x 600mm paneling in kempas timber/ special upper class timber.	M ²	6,940.00
Car - 004	Supplying and Installing Super flex suspended ceiling system. The frame members for suspended ceiling are in a standard kit(approved type). Main runners (38mm) are fixed at 1220 centers, securely suspended using 4mm dia adjustable GI hanging rod with spring clips to the structural soffit or roof structure, using an appropriate suspension at 1220mm centres, cross tees (27mm) of 1220mm length to be fixed between the main runners at 610mm centers and another cross tees (27mm) fixed at mid span between 610mm to form a grid structure of 610mm x 610mm in size. Wall angles (24mm) are fixed at wall edges.	M ²	3,433.00
Car - 005	Ceiling asbestos, flat in eaves fixed with clout headed nails to 2"x 2" & 2"x 1" bearers & spacers not exceeding 2'-0" centres both ways in kempas timber/ special upper class timber including 1 1/2"x1/2"beading and 2"x2" cover moulding on timber frame work. Rate to include 2 coats of wood preservative to timbers.	M ²	5,265.00
Car - 006	Ceiling asbestos, flat in eaves fixed with clout headed nails to 2"x 2" & 2"x 1" bearers & spacers not exceeding 2'-0" centres both ways in kempas timber / special upper class timber including aluminium beading 1" wide with rubber fillets to aluminium beading. Rate to include 2 coats of wood preservative to timbers.	M ²	6,430.00
Car - 007	Cove mouldings Class I timber 2 "x 2" fixed with brass screws & plugs new or renewed.	Lm	233.00
Car - 008	Ceiling, upper side cleaned and debris cleared away.	M ²	59.00
Car - 009	Timber in special upper class fixed or renewed in roof beam and post.	M ³	288,516.00
Car - 010	Reapers 2"x 1" in Spl upper class timber supplied & fixed new / renewed with iron nails, up to 100 L.ft (shifting of tiles paid for separately).	Lm	314.00
Car - 011	Reapers 2"x 1" in Spl upper class timber supplied & fixed new / renewed with iron nails, over 100 L.ft (shifting of tiles paid for separately).	Lm	304.00

DEPARTMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Car - 012	Door single hung with frame having 1 1/8" to 1 1/4" thick glazed / panelled sash 3 3/4"x 2 3/4" timber frame in Special upper class timber. Complete with heavy quality brass fittings. [Lock paid separately]	M ²	24,909.00
Car - 013	Door double hung with frame having 1 1/8" to 1 1/4" thick glazed / panelled sash 3 3/4"x 2 3/4" timber frame in Special upper class timber. Complete with heavy quality brass fittings. [Lock paid separately]	M ²	24,795.00
Car - 014	Plywood door single hung with frame (Mackply, Ginthotta or equivalent) having 1 1/4" thick sash 3 3/4"x 2 3/4" timber frame in Special upper class timber. Complete with heavy quality brass fittings. [Lock paid separately]	M ²	17,424.00
Car - 015	Supplying and fixing Seal core wood composite door with frame fixed with fittings and necessary locking arrangements.	M ²	17,001.00
Car - 016	Door / window ledged braced and battened single hung with frame having 3/4" to 7/8" thick tongued and grooved planks in Special upper class timber and 3 3/4"x 2 3/4" timber frame in Special upper class timber. Complete with heavy quality brass fittings. [Lock paid separately]	M ²	23,495.00
Car - 017	Window glazed 1 1/4" thick openable sashes with 3 3/4"x 2 3/4" timber frame and mullions in Special upper class timber. Complete with heavy quality brass fittings.	M ²	26,354.00
Car - 018	1/8" glass panes exceeding 1'- 00" but not exceeding 4 square feet cut and fixed with timber beadings to doors and windows.	M ²	7,885.00
Car - 019	Door or window, removing easing and re-fixing.	Sash	919.00
Car - 020	Door or window, easing only.	Sash	338.00
Car - 021	Door or window frames renewed in short lengths within special upper class timber.	M ³	382,288.00
Car - 022	Door or window sashes available fixed in position (fittings paid separately)	Sash	1,838.00
Car - 023	Door sashes swing, removed and re-fixed in new position.	Sash	1,225.00
Car - 024	Door frame 4"x 3" in special upper class timber supplied and fixed in position.	M ²	11,046.00
	<i>BRASS FOUNDER</i>		
Bra - 001	Bolts barrel, brass, polished, 4" heavy quality supplied and fixed with brass screws.	No	886.00
Bra - 002	Bolts barrel, brass, polished, 6" heavy quality supplied and fixed with brass screws.	No	1,036.00
Bra - 003	Skelton bolt, brass, polished, 12" heavy quality supplied and fixed with brass screws.	No	4,606.00
Bra - 004	Casement fastener brass with motice plate, polished heavy quality supplied and fixed with brass screws.	No	848.00
Bra - 005	Casement stays, polished 10" heavy quality supplied and fixed.	No	1,146.00
Bra - 006	Fanlight catches brass heavy quality with brass screws fixed complete.	No	868.00

DEPARTMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Bra - 007	Hinges brass 4" x 3" heavy quality supplied & fixed with brass screws complete.	No	1,755.00
Bra - 008	Hinges center pivot (consisting of 2 pieces) brass polished heavy quality supplied and fixed with brass screws complete.	Set	889.00
Bra - 009	Draw Rings, brass 1 ¾" to 1½" supplied and fixed to doors & windows with brass screws.	No	472.00
Bra - 010	Rim lock with chromium plated handle. (Prime cost of Rim lock with screws & handle not less than 2,850.00 /= Per No)	No	4,075.00
Bra - 011	Mortice lock [Single lever] with handle. (Prime cost of Mortice lock with screws & handle not less than 7,000.00 /= Per No)	No	9,450.00
Bra - 012	Mortise lock [Single lever] with handle. (Prime cost of Mortice lock with screws & handle not less than 7,500.00 /= Per No)	No	9,950.00
	METAL WORK		
Met - 001	Supplying and fixing 100mm x 50mm x (12-20)mm size, 2mm thick G.I "C" purlin fixed to wall or cleats at not exceeding 1200mm centres and joints should be bolted with 2 Nos 12mm dia bolts and nuts other side welding with cleats minimum length 450mm. As per manufacturer's specification.	Lm	2,481.00
Met - 002	Supplying and fixing 100mm x 50mm x (12-20)mm size, 2mm thick G.I Zinc Coated and Chromate Passivated "C" purlin fixed to wall or cleats at not exceeding 1200mm centers and joints should be bolted with 2 Nos 12mm dia bolts and nuts other side welding with cleats minimum length 450mm (AZ-200 roofing). As per manufacturer's specification.	Lm	3,221.00
Met - 003	Supplying and fixing 150mm x 65mm x (14-20)mm size, 2mm thick G.I "C" purlin fixed to wall or cleats at not exceeding 1200mm centres and joints should be bolted with 2 Nos 12mm dia bolts and nuts other side welding with cleats minimum length 450mm. As per manufacturer's specification.	Lm	3,130.00
Met - 004	Supplying and fixing 150mm x 65mm x (14-20)mm size, 2mm thick G.I Zinc Coated and Chromate Passivated "C" purlin fixed to wall or cleats at not exceeding 1200mm centres and joints should be bolted with 2 Nos 12mm dia bolts and nuts other side welding with cleats minimum length 450mm (AZ-200 roofing). As per manufacturer's specification.	Lm	4,717.00
Met - 005	Supplying and fixing 50mm x 50mm x 6mm thick Angle iron purlin fixed to wall with necessary steel anchoring and concrete or cleats at not exceeding 900mm centres and joints should be bolted with 2 Nos 12mm dia bolts and nuts other side welding with cleats minimum length 225mm in next reduced angle iron including two coats of Anticorrosive paint and 2 coats of enamel paint. directed.	Lm	2,462.00
Met - 006	Supplying and fixing 63mm x 63mm x 6mm thick Angle iron purlin fixed to wall with necessary steel anchoring and concrete or cleats at not exceeding 900mm centers and joints should be bolted with 2 Nos 12mm dia bolts and nuts other side welding with cleats minimum length 225mm in next reduced angle iron including two coats of Anticorrosive paint and 2 coats of enamel paint. directed.	Lm	2,909.00

DEPARTMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Met - 007	End Truss - 2/50mm x 50mm x 6mm including 1:2:4(20mm) concreting 2 Nos 12mm dia 225mm long welded to end truss with 2 coats of anticorrosive paint and 2 coats of enamel paint.	Lm	5,897.00
Met - 008	End Truss - 2/63mm x 63mm x 6mm including 1:2:4(20mm) concreting 2 Nos 12mm dia 225mm long welded to end truss with 2 coats of anticorrosive paint and 2 coats of enamel paint.	Lm	6,634.00
Met - 009	25mm x 6mm, Flat iron 1' - 0" long weld to end purlin as bracket to fix valance board with two coats of anticorrosive paint and 2 coats of enamel paint and bolt & nut.	No	131.00
Met - 010	50mm x 6mm, Flat iron 1' - 0" long weld to end purlin as bracket to fix valance board with two coats of anticorrosive paint and 2 coats of enamel paint and bolt & nut.	No	264.00
Met - 011	M.S Bar 5/8" dia (16mm) supplied & fixed in window frame at 4" crs. & Painted with 1 coat red lead & 2 coats of enamel paint.	Lm	761.00
Met - 012	Iron grill supplied & fixed to safety of window with 16mm x 5.5mm flat iron outer member & 12mm x 5.5mm flat iron uprights welded at 75mm c/c & horizontally welded at 150mm c/c. Rates including for single coat of anticorrosive paint & 2 coats of enamel paint.	M ²	13,049.00
Met - 013	B.R.C Weldmesh gauge 10, fixed to existing frames with staples (fillets and beading paid for separately).	M ²	3,888.00
Met - 014	B.R.C Weldmesh gauge 10 supplied & fixed to window frames with 2"x ½" Spl upper class timber beading & painting weldmesh with 1coat anticorrosive paint & 2 coats enamel paint & beading with primer, undercoat & 2 coats of enamel paint to approved tint, Rate to include for making openings for bolts, casement stays etc.	M ²	8,373.00
Met - 015	B.R.C ½" x ½" Chicken mesh supplied & fixed to window frames with 2"x ½" Spl upper class timber beading & painting mesh with 1anticorrosive paint & 2 coats enamel paint & beading with primer, undercoat & 2 coats enamel paint to approved tint, Rate to include for making openings for bolts, casement stays etc.	M ²	6,744.00
Met - 016	Mild steel roof truss 9.00 m span centre to centre for Zn-Al roof and eaves extended both side up to 1050mm, Consisting of 2Nos. 63mmx63mmx6mm thick angles as top and bottom chords, 2Nos. 50mmx50mmx6mm thick angles as struts, 1No. 50mmx50mmx6mm thick angles as ties, 10mm thick gusset plates, base plates & sole plates, mild steel rag bolt, cleats not less than the size of purlin etc. & all details as per the drawing (Project no S1363/J Sheet No 01/05). Rate include for fabricating and application of two coats of and anticorrosive paint and two coats of enamel paint as directed (matt finish), transporting, hoisting and fixing in position.	No	291,329.00
Met - 017	Mild steel roof truss 7.50m span centre to centre for Zn-Al sheet and eaves extended both side up to 1050mm, Consisting of 2Nos. 50mmx50mmx6mm thick angles as top and bottom chords, 1No. 50mmx50mmx6mm thick angles as struts & ties, 10mm thick gusset plates, base plates & sole plates, mild steel rag bolt, cleats not less than the size of purlin etc. & all details as per the drawing(Project no S1363/J Sheet No 02/05). Rate include for fabricating and application of two coats of and anticorrosive paint and two coats of enamel paint as directed (matt finish), transporting, hoisting and fixing in position.	No	182,872.00

DEPATMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Met - 018	Mild steel roof truss 7.50m span centre to centre for calicut tile roof, Consisting of 2Nos. 50mmx50mmx6mm thick angles as top and bottom chords, 1No. 50mmx50mmx6mm thick angles as struts & ties, 10mm thick gusset plates, base plates & sole plates, mild steel rag bolt, cleats not less than the size of purlin etc. & all details as per the drawing (Project no S1363/J Sheet No 03/05). Rate include for fabricating and application of two coats of anticorrosive paint and two coats of enamel paint as directed (matt finish), transporting, hoisting and fixing in position.	No	183,803.00
	PLASTERER		
Pla - 001	¾" thick DPC in cement sand 1:2 finished with 2 coats hot tar and blinded with sand.	M ²	1,859.00
Pla - 002	5/8" thick plastering to wall in lime and sand 2:5 including floating with lime putty.	M ²	1,754.00
Pla - 003	5/8" thick plastering to wall in cement and sand 1:3 including neat cement floating.	M ²	1,079.00
Pla - 004	3/8" thick plastering to soffit of slab in cement and sand 1:3 including floating with lime putty.	M ²	1,722.00
Pla - 005	3/8" thick plastering to soffit of slab in cement and sand 1:3 finished smooth.	M ²	1,608.00
Pla - 006	3/8" thick plastering to side and soffit of beams in cement and sand 1:3 including floating with lime putty.	M ²	1,459.00
Pla - 007	3/8" thick plastering to side and soffit of beams in cement and sand 1:3 finished smooth .	M ²	1,344.00
Pla - 008	5/8" thick plastering to wall in lime, cement and sand 1:1:5 finished semi rough with wooden float.	M ²	1,179.00
Pla - 009	5/8" thick plastering to wall in lime, cement and sand 1:1:5 finished smooth with lime putty floating.	M ²	1,530.00
Pla - 010	5/8" thick plastering to wall in cement and sand 1:4 finished smooth.	M ²	949.00
Pla - 011	5/8" thick plastering to wall in cement and sand 1:3 to internal and external wall.	M ²	1,025.00
Pla - 012	½" thick rendering in cement and sand 1:3 finished smooth with neat cement floating.	M ²	1,039.00
Pla - 013	½" thick rendering in cement and sand 1:2 in floors finished smooth with neat cement floating.	M ²	1,179.00
Pla - 014	½" thick rendering in cement and sand 1:2 in coloured cement floors finished smooth with coloured cement floating.	M ²	1,305.00
Pla - 015	¾" thick rendering in cement and sand 1:3 in floors finished smooth with neat cement floating.	M ²	1,436.00
Pla - 016	¾" thick rendering in cement and sand 1:2 in floors finished smooth with neat cement floating.	M ²	1,555.00
Pla - 017	¾" thick rendering in cement and sand 1:2 in coloured cement floors finished smooth with coloured cement floating.	M ²	1,681.00
Pla - 018	½" x 6" skirting in cement & sand 1:3 projected or flush to walls finished smooth with coloured cement floating including forming groove.	Lm	663.00

DEPARTMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Pla - 019	½" x 4" skirting in cement & sand 1:3 projected or flush to walls finished smooth with coloured cement floating including forming groove.	Lm	384.00
Pla - 020	½" x 4" skirting in cement & sand 1:3 projected or flush to walls finished smooth with neat cement floating including forming groove.	Lm	371.00
Pla - 021	Plaster bands laid over tiles 4" to 6" wide on roof in cement, sand and lime mortar 1:1:4.	Lm	364.00
Pla - 022	Reveal plastering wide in 1:3, 5/8" thick not exceeding 6" wide.	Lm	268.00
Pla - 023	Cover moulding 2 ½" x 2 ½" in cement mortar 1:2 built in existing wall.	Lm	495.00
Pla - 024	¾" thick rendering in cement and sand 1:2 with pudlo cement.	M ²	1,581.00
	<i>WATER PROOFING</i>		
Wat - 001	Supplying and laying 1000 gauge polythene on compacted earth area.	M ²	159.00
Wat - 002	Supplying and applying 2 coats of Masterseal 540 water proofing system strictly according to manufacturer's specifications. Reinforced all vertical / horizontal intersections with Glasscoat 60 in a strip 200mm wide, cure the application for 2day and check for water tightness. Rate including cement and sand rendering / plastering 1:3 in two times for brick/ cement sand block wall.	M ²	5,440.00
Wat - 003	Prepare the concrete surface and applying 2 coats of Masterseal 540 water proofing membrane according to the manufacturers' specifications. Reinforced all vertical / horizontal intersections with Glascoat 60 in a strip 200 mm wide , cure the application for 2 days and check for water tightness. Rate to include for 12 mm thick cement sand rendering 1:2 for toilet floor and sunshade.	M ²	4,939.00
	<i>PAINTER AND DECORATOR</i>		
Pai - 001	Prepare and apply of preservative (oil type) to structural timber including touching up cut ends etc. after fixing.	M ²	1,027.00
Pai - 002	Prepare surface of steel truss and apply two coats of anticorrosive primer.	M ²	1,263.00
Pai - 003	Apply one coat of anticorrosive primer and two coats of enamel paint on already shop primed and erected steel roof truss.	M ²	1,589.00
Pai - 004	Prepare and apply two coats of primer and finishing coat of enamel paint to mild steel [Angle / flat] gate.	M ²	1,611.00
Pai - 005	Painting steel on new work with 2 coats of anticorrosive paint.	M ²	474.00
Pai - 006	Painting steel work, 1 coat, with anticorrosive paint including removing scarse and wire brushing. (Old work)	M ²	331.00
Pai - 007	Painting new timber work with 2 coats of wood preservative .	M ²	716.00
Pai - 008	Preparing and painting wood work with primer and 2 coats of enamel paint.	M ²	1,152.00
Pai - 009	Painting new wood work with approved wood primer 1 coat.	M ²	380.00

DEPATMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Pai - 010	Painting, enamel paint including washing cleaning & smoothing down with sandpaper, 1 coat. (Old work)	M ²	384.00
Pai - 011	Painting, enamel paint including washing cleaning & smoothing down with sandpaper, 2 coats. (Old work)	M ²	722.00
Pai - 012	White or colour washing two coats of in single storeyed buildings, including patching and preparing surface.	M ²	109.00
Pai - 013	Painting walls with internal primer to internal walls.	M ²	234.00
Pai - 014	Painting walls with external primer to external walls.	M ²	375.00
Pai - 015	Prepare and apply one coat of internal primer and two coats of emulsion paint to walls.	M ²	807.00
Pai - 016	Prepare and apply one coat of internal primer and two coats of emulsion paint to soffit of slab.	M ²	888.00
Pai - 017	Painting walls with emulsion paint, 2coats including preparing surface of old work.	M ²	531.00
Pai - 018	Painting walls with emulsion paint, 1coat including preparing surface of old work.	M ²	283.00
Pai - 019	Prepare and apply one coat of external primer and two coats of whether shield emulsion paint to external walls.	M ²	965.00
Pai - 020	Painting walls with weather shield emulsion paint, 2coats including preparing surface of old work.	M ²	587.00
Pai - 021	Painting walls with weather shield emulsion paint, 1coat including preparing surface of old work.	M ²	313.00
Pai - 022	Cement washing to walls of single storeyed buildings 2coats	M ²	127.00
Pai - 023	Varnishing 2 coats with copal varnish after sand papering .	M ²	786.00
Pai - 024	Preparing and applying floor polish.	M ²	412.00
Pai - 025	Painting, epoxy floor paint including washing cleaning & smoothing down 1 coat.	M ²	751.00
Pai - 026	Painting, epoxy floor paint including washing cleaning & smoothing down 2 coats.	M ²	1,476.00
Pai - 027	Ceiling painting, 2 coats of emulsion painting for ceiling.	M ²	696.00
Pai - 028	Ceiling painting, 1 coat of emulsion painting for ceiling.	M ²	386.00
Pai - 029	Prepare and apply skim coat for internal walls including finished smooth as directed.	M ²	437.00
	<i>PLUMBING AND DRAINAGE WORK</i>		
Plu - 001	Wash Basin with pedestal 575mm x 450mm size, chromium plated pillar tap, waste plug and ½" angle valve supplied & fixed complete. Angle valve paid separately.(Prime cost not less than for Wash basin with pedestal 22,000.00 /= & Chromium plated pillar tap 5,775.00 /= Excluding vat).	No	33,024.00
Plu - 002	Wash Basin with pedestal 575mm x 450mm size, chromium plated pillar tap, waste plug and ½" angle valve supplied & fixed complete. Angle valve paid separately.(Prime cost not less than for Wash basin with pedestal 22,500.00 /= & Chromium plated pillar tap 5,775.00 /= Excluding vat)	No	40,388.00

DEPATMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Plu - 003	Closet, pedestal approved type with low level glazed, earthenware flushing cistern, flush pipe, double plastic seat cover, ½" angle valve, trap etc. Supplied & fixed complete. Angle valve paid separately. (Prime cost not less than for Low level closet, tank & seat cover 26,000.00 /= Excluding vat)"	No	33,264.00
Plu - 004	Closet, pedestal approved type with low level glazed, earthenware flushing cistern, flush pipe, double plastic seat cover, ½" angle valve, trap & etc. Supplied & fixed complete. Angle valve paid separately (Prime cost not less than for Low level closet, tank & seat cover 40,500.00 /= Excluding vat)	No	48,431.00
Plu - 005	Sink, glazed, earthenware 24"x 15"x 7" supplied approved quality and fixed with waste plug and ½" angle valve complete. Angle valve paid separately. (Prime cost not less than for ceramic lab sink with waste plug, chain 30,000.00 /= Excluding vat)	No	33,594.00
Plu - 006	Closet squatting type, large with trap supplied & fixed. (Prime cost not less than for Squatting pan [large] with foot rest & trap 9,500.00/= Excluding vat)	No	15,968.00
Plu - 007	Vitreous bidet suite fixed complete to working order. (Prime cost of Bidet not less than 19,500.00 /= Excluding vat)	No	24,990.00
Plu - 008	1 No. Bowl type Urinal with flush valve & bottle trap complete to working orders. (Prime cost not less than for Urinal bowls 34,500.00 = Flush valve 10,000.00 /= Excluding vat)	No	54,283.00
Plu - 009	Bowl type urinal with trap. (Prime cost of Urinal bowl not less than 34,500.00 /= Excluding vat)	No	38,440.00
Plu - 010	Supplied and fixed Ceramic urinal separator (Prime cost of urinal separator not less than 25,000.00/= per No Excluding vat)	No	26,210.00
Plu - 011	Supplied and fixed single board stainless steel kitchen sink with chromium plated swan neck tap, ½" angle valve and bottle trap. Angle valve paid separately (Prime cost not less than for Stainless steel kitchen sink 9,000.00 /= & Chromium plated swan neck tap 16,000.00 /= Excluding vat)	No	31,580.00
Plu - 012	Flushing cistern, low level, plastic supplied and fixed complete.	No	5,100.00
Plu - 013	Flushing cistern, high level, plastic supplied and fixed complete.	No	5,100.00
Plu - 014	Supplying and fixing Disable person toilet fittings imported. All complete as directed. (Prime cost not less than for Disable person closet, cistern & seat cover 110,000.00/=, wash basin 47,500.00 / =, Elbow action basin tap 16,500.00/=, ½"dia Bidet shower 2,950.00 /=, 70 S - 1060 grab rail 95,000.00 /=, 70 S - 1010 grab rail 42,000.00 /=, 70 S - 1030 grab rail 67,500.00 /=, 70 S - 1070 paper holder 7,000.00 /= & 1¼" dia Waste 2,500.00 /= Excluding vat)	No	420,866.00
Plu - 015	Mirror, bathroom type, supplied & fixed to wall with rawl plugs. (Prime cost of Mirror with fittings - Flat model not less than 4,950.00/= Excluding vat)	No	6,301.00
Plu - 016	Towel rail 600mm long ¾" dia chromium plated. (Prime cost of 600mm Long Chromium plated towel rail not less than 6,250.00 /= Excluding vat)	No	6,738.00
Plu - 017	Soap tray, plastic, supplied & fixed to wall with rawl plugs.	No	1,179.00
Plu - 018	Tooth brush holder, chromium plated supplied & fixed to wall with rawl plugs.	No	1,995.00

DEPATMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Plu - 019	Supply and fixing adjustable Shower rose 75mm, chromium plated (Prime cost of Chromium plated jet shower rose not less than 2,250.00 /= Excluding vat)	No	2,454.00
Plu - 020	Supply and fixing adjustable rain shower, chromium plated (Prime cost of Chromium plated rain shower not less than 5,800.00/= Excluding vat)	No	6,075.00
Plu - 021	Supplied and fixed plastic Bidet Shower. (Prime cost of plastic bidet shower not less than 2,335.00/= Excluding vat)	No	2,541.00
Plu - 022	Brass Bib Tap ½" [English] Pegler	No	4,293.00
Plu - 023	Brass Bib Tap ¾" [English] Pegler	No	4,905.00
Plu - 024	Chromium plated [plumber] tap ¾" supplied & fixed. (Prime cost of ¾" dia Chromium plated bib tap not less than 4,500.00 /= Excluding vat)	No	4,803.00
Plu - 025	Plastic tap ¾" supplied & fixed.	No	1,166.00
Plu - 026	Ball Cocks, plastic ½" supplied & fixed.	No	1,012.00
Plu - 027	Ball Cocks, plastic ¾" supplied & fixed.	No	1,288.00
Plu - 028	Ball Cocks, plastic 1" supplied & fixed.	No	1,624.00
Plu - 029	Ball Cocks, plastic 1 ¼" supplied & fixed.	No	2,124.00
Plu - 030	Ball Cocks, plastic 1 ½" supplied & fixed.	No	2,950.00
Plu - 031	Ball Cocks, plastic 2" supplied & fixed.	No	4,144.00
Plu - 032	Brass Gate Valve 1 ¼" supplied and fixed [English type]. (Prime cost of 1¼"dia Brass gate valve not less than 10,000.00/= Excluding vat)	No	11,027.00
Plu - 033	Brass Gate Valve 2" supplied and fixed [English type]. (Prime cost of 2" dia Brass gate valve not less than 20,000.00/= Excluding vat)	No	21,594.00
Plu - 034	Pipes pvc ½" dia. supplied & fixed.(20mm dia) 1000 type	Lm	223.00
Plu - 035	Pipes pvc ¾" dia. supplied & fixed. (25mm dia) 1000 type	Lm	304.00
Plu - 036	Pipes pvc 1" dia. supplied & fixed. (32mm dia) 1000 type	Lm	514.00
Plu - 037	Pipes pvc 1¼" dia. supplied & fixed 1000 type with excavation & back filling. [40mm]	Lm	1,153.00
Plu - 038	Pipes pvc 1¼" dia. supplied & fixed 600 type with excavation & back filling. [40mm]	Lm	862.00
Plu - 039	Pipes pvc 1¼" dia. supplied & fixed 1000 type without excavation. [40mm]	Lm	991.00
Plu - 040	Pipes pvc 1¼" dia. supplied & fixed 600 type without excavation. [40mm]	Lm	700.00
Plu - 041	Pipes pvc 1½" dia. supplied & fixed 1000 type with excavation & back filling. [50mm]	Lm	1,542.00
Plu - 042	Pipes pvc 1½" dia. supplied & fixed 600 type with excavation & back filling. [50mm]	Lm	892.00
Plu - 043	Pipes pvc 1½" dia. supplied & fixed 1000 type without excavation. [50mm]	Lm	1,380.00
Plu - 044	Pipes pvc 1½" dia. supplied & fixed 600 type without excavation. [50mm]	Lm	729.00
Plu - 045	Pipes pvc 2" dia. supplied & fixed 1000 type with excavation & back filling. [63mm]	Lm	2,348.00

DEPATMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Plu - 046	Pipes pvc 2" dia. supplied & fixed 600 type with excavation & back filling. [63mm]	Lm	1,407.00
Plu - 047	Pipes pvc 2" dia. supplied & fixed 1000 type without excavation. [63mm]	Lm	2,186.00
Plu - 048	Pipes pvc 2" dia. supplied & fixed 600 type without excavation. [63mm]	Lm	1,244.00
Plu - 049	Supply and fix approved manufactures fibre glass PE+or equivalent 500 liter water tank approved type by Engineer [double layer]. (Prime cost of 500 lit water tank not less than 10,500.00 /= Excluding vat)	No	12,003.00
Plu - 050	Supply and fix approved manufactures fibre glass PE+ or equivalent 1000 liter water tank approved type by Engineer (double layer). (Prime cost of 1000 lit water tank not less than 18,500.00 /= Excluding vat)	No	20,243.00
Plu - 051	Supply and fix approved manufactures fibre glass PE+ or equivalent 2000 liter water tank approved type by Engineer (double layer). (Prime cost of 2000 lit water tank not less than 48,000.00 /= Excluding vat)	No	50,628.00
Plu - 052	Eaves gutters 4" square type pvc fixed with aluminium brackets.	Lm	1,542.00
Plu - 053	Down pipe 3½" (88mm) Pvc fixed with wooden plugs to wall etc.	Lm	1,306.00
Plu - 054	Drains, pvc 400 type 4" laid on cement concrete 6" thick up to 2'-0" depth of invert including excavation & cement concrete hunching (1:3:6 - 1" metal).	Lm	4,253.00
Plu - 055	Drains, pvc 600 type 4" supplied and fixed	Lm	4,175.00
Plu - 056	Drains, pvc 400 type 4" supplied and fixed	Lm	1,907.00
Plu - 057	Gulley pvc 6" supplied & fixed including gulley box.	No	3,884.00
Plu - 058	Wire Dome 2" Supplied & fixed	No	691.00
Plu - 059	Manhole 2' x 2' & up to 2'-0" deep, 5" thick block in cement sand 1:3 walls & cement rendered ½" (1:2) with 6" cement conc.foundation 1:3:6 (1" metal) including forming channels but without cover.	No	20,634.00
Plu - 060	Manhole 3'- 6" x 2'- 3" & 2'-0" to 4'-00" deep, 5" thick block in cement sand 1:3 walls & cement rendered ½" (1:2) with 6" cement conc.foundation 1:3:6 (1" metal) including forming channels but without cover.	No	35,328.00
Plu - 061	Manhole cover reinforced concrete 3" thick 2'- 00"x 2'- 00" approx. supplied & fixed reinforced with 1/4" dia M.S. rods at 3" centres both ways.	M ²	8,004.00
Plu - 062	Chamber 9" x 9" & up to 9" deep, 3" thick 1:3:6 (1") cement conc walls & cement rendered ½" (1:2) with 3" cement conc. foundation in 1:3:6 (1") with cover.	No	4,932.00
Plu - 063	Chamber 1'- 00" x 1'- 00" & up to 1'- 00" deep, 3" thick 1:3:6 (1") cement conc walls & cement rendered ½" (1:2) with 3" cement conc. foundation in 1:3:6 (1") with cover.	No	4,860.00
Plu - 064	Angle valve, chromium plated ½" supplied & fixed.	No	3,420.00
	<i>ELECTRICAL INSTALLATION</i>		
Ele - 001	MCCB 40 Amp 4 pole, without metal enclosure , etc. (Prime cost of MCCB 40 Amp 4 pole [Orange, Schnieder or equivalent] 30,710.00 /=)	No	38,110.00

DEPARTMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Ele - 002	MCCB 60 Amp 4 pole, without metal enclosure , etc. (Prime cost of MCCB 60 Amp 4 pole [Orange, Schnieder or equivalent] 30,700.00 /=).	No	38,100.00
Ele - 003	Earth electrode copper rod, 10mm dia, 1200mm long, 2.5mm ² , earth wire, conduit etc. Earth copper rod 10mm dia, 1200mm long (Prime cost of Earth copper rod 10mm dia, 1200mm long 4,300.00 /= Excluding vat)	No	8,175.00
Ele - 004	Exhaust fan (8 inch) with 13A Socket outlet (KDK or equivalent)	No	32,793.00
Ele - 005	13 Amp switched socket outlet with 2.5mm ² wire, 2.5mm ² earth wire, sunk box, screws, conduit etc. (Prime cost of 13 Amp plug with switch [Clipsal, Orange, ACL or equivalent] 1,200.00/= Excluding vat)	No	13,418.00
Ele - 006	Wall mounted fan (16 inch)with 13 Amp Socket outlet (KDK or equivalent) (Prime cost 44,000.00/= excluding VAT)	No	49,356.00
Ele - 007	Light point with 1.0mm ² wiring, flexible wire, round plug, ceiling rose, switch, sunk box, holder, conduit, screws, clips, pins, etc.	No	3,988.00
Ele - 008	Pendant lamp or angle battern lamp with 1.0mm ² wiring, flexible wire, round plug, ceiling rose, switch, sunk box, holder, 23 W energy saver bulb with one year warranty, shade conduit, screws, clips, pins, etc.(Prime cost of 23 W Pendant lamp or angle battern lamp with shade [Orange or equivalent] 1,160.00/= Excluding vat)	No	6,011.00
Ele - 009	Water tight set with 15 W CFL lamp 1.0mm ² wiring, flexible wire, switch, sunk box, energy saver bulb with one year warranty, shade conduit, screws, clips, pins, etc. (Prime cost of Water tight lamp with shade [Orange or equivalent] 2,750.00 /= Excluding vat)	No	6,788.00
Ele - 010	1200 x 600mm size, reflector model 2 x 36 W fluorescent lamp with 1.0mm ² wiring, flexible wire, switch, sunk box, holder, conduit, screws, clips, pins, etc. (Prime cost of 1200mm x 600mm Size, reflector model 2 x 36W fluorescent lamp [Orange, Kevilton or equivalent] 19,000.00 /= Excluding vat)	No	22,998.00
Ele - 011	600 x 600mm size, reflector model 3 x 18w fluorescent lamp with 1.0mm ² wiring, flexible wire, switch, sunk box, conduit, screws, clips, pins, etc. (Prime cost of 600mm x 600mm Size, reflector model 3 x 18W fluorescent lamp [DLS, Yamadha or equivalent]13,500.00/= Excluding vat)	No	17,498.00
Ele - 012	1200mm fluorescent lamp set with 1.0mm ² wiring, flexible wire, round plug, ceiling rose, switch, sunk box, holder, adapter. conduit, screws, clips, pins, etc. (Prime cost of 1200 mm Long fluorescent lamp [Orange, Kevilton or equivalent]1,700.00/= Excluding vat)	No	6,326.00
Ele - 013	600mm fluorescent lamp set with 1.0mm ² wiring, flexible wire, round plug, ceiling rose, switch, sunk box, holder, adapter. conduit, screws, clips, pins, etc. (Prime cost of 600 mm Long fluorescent lamp [Orange, Kevilton or equivalent] 1,500.00/= Excluding vat)	No	6,126.00
Ele - 014	Hood lamp set with CFL lamp 1.0mm ² wiring, flexible wire, switch, sunk box, conduit, screws, clips, pins, etc. (Prime cost of Hood lamp [Orange, Bright or equivalent] 4,500.00 /= Excluding vat)	No	8,498.00

DEPATMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Ele - 015	Wall bracket with CFL lamp set with 1.0mm ² wiring, flexible wire, switch, sunk box, conduit, screws, clips, pins, etc. (Prime cost of Wall bracket lamp [Orange, Bright or equivalent]2,950.00/= Excluding vat)	No	6,998.00
Ele - 016	Ceiling fan (KDK, N56 RG Modal) 1400mm sweep, 225 CMM air delivery, 5 speed regulator with 1.0mm ² wiring, flexible wire, round plug, switch, sunk box, fan hook, conduit, screws, clips, pins, etc. (Prime cost of Ceiling fan [KDK, N56 RG Model or equivalent]28,500.00/= Excluding vat)	No	29,035.00
Ele - 017	Ceiling fan (Bajaj) 1400mm sweep, 205 CMM air delivery, 5 speed regulator with 1.0mm ² wiring, flexible wire, round plug, switch, sunk box, fan hook, conduit, screws, clips, pins, etc. (Prime cost of Ceiling fan [Bajaj or equivalent] 24,250.00 /= Excluding vat)	No	29,285.00
Ele - 018	LED light point 1mm ² wire, sunk box, switch, conduit, etc.	No	3,250.00
Ele - 019	12W LED light fitting with 1mm ² wiring, sunk box, switch conduit etc. (Prime cost of 12W LED bulb [Bright, Kevilton or equivalent] 3,300.00 /= Excluding vat)	No	7,188.00
Ele - 020	18W LED light fitting with 1mm ² wiring, sunk box, switch conduit etc. (Prime cost of 18W LED bulb [Bright, Kevilton or equivalent] 4,000.00 /= Excluding vat)	No	7,888.00
Ele - 021	24W LED light fitting with 1mm ² wiring, sunk box, switch conduit etc. (Prime cost of 24W LED bulb [Bright, Kevilton or equivalent] 4,600.00 /= Excluding vat)	No	8,488.00
Ele - 022	Calling bell with 1.0mm ² wiring, round plug, bell bush, sunk box, conduit, screws, clips, pins, etc. (Prime cost of Calling bell [Polychrome or equivalent] 1,700.00 /= Excluding vat)	No	6,578.00
Ele - 023	Single phase Distribution board 10 Way ABC box with conduit, 6 Amp or 10 Amp or 16 Amp or 20 Amp necessary circuit breakers, 40Amp isolated main switch & 40Amp trip switch with indicator bulb etc. (Prime cost of ABC Box 10 way circuit breakers, main switch & trip switch [Polychrome or equivalent] 2,400.00 /= Excluding vat)	No	25,515.00
Ele - 024	Single phase Distribution board 12 Way ABC Box with conduit, 6 Amp or 10 Amp or 16 Amp or 20 Amp necessary circuit breakers, 40Amp isolated main switch & 40Amp trip switch with indicator bulb etc. (Prime cost of ABC Box 12 Way circuit breakers, main switch & trip switch [Polychrome or equivalent] 3,500.00 /= Excluding vat)	No	28,895.00
Ele - 025	Single phase Distribution board 16 Way ABC Box with conduit, 6 Amp or 10 Amp or 16 Amp or 20 Amp necessary circuit breakers, 40Amp isolated main switch & 40Amp trip switch with indicator bulb etc. (Prime cost of ABC Box 16 Way circuit breakers, main switch & trip switch [Polychrome or equivalent]) 4,530.00 /= (Excluding VAT)	No	34,245.00
Ele - 026	RCCB single phase 40 amp, 2P screws etc. (Prime cost of RCCB single phase - 40 amp [Orange, Schnieder or equivalent] 9,350.00 /= Excluding vat)	No	10,975.00
Ele - 027	40 Amp isolator main single phase. (Prime cost of Isolator - 40 amp [Orange, Schnieder or equivalent] 3,390.00/= Excluding vat)	No	4,028.00

DEPARTMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Ele - 028	Service bracket 1500mm long, 50x50x6mm angle iron bend to shape fix to wall or timber with bolt & nut, conduit, making holes, painting, etc.	No	6,865.00
Ele - 029	Supplying and installing 6.0mm ² twin wire with conduit etc.	Lm	1,267.00
Ele - 030	Telephone socket outlet with two pair wire, muly connector, sunk box, screws, conduit etc. (Prime cost of Telephone socket outlet [Kryton, 3M or equivalent] 1,550.00 /= Excluding vat)	No	6,100.00
Ele - 031	TV socket outlet with TV antena wire, muly connector, sunk box, screws, conduit etc. (Prime cost of TV socket outlet [Kryton, 3M or equivalent] 1,550.00 /= Excluding vat)	No	6,100.00
Ele - 032	Supplying and installing 6.0mm ² earth wire with conduit etc.	Lm	572.00
Ele - 033	Supplying and installing 10.0mm ² (Cu/PVC/PVC) unarmoured 4 core wire with conduit etc.	Lm	3,389.00
Ele - 034	Supplying and installing 16.0mm ² (Cu/ PVC/ PVC) 4 core unarmoured wire with conduit etc.	Lm	5,022.00
Ele - 035	Supplying and installing 10.0mm ² earth wire with conduit etc.	Lm	900.00
Ele - 036	Supplying and installing 16.0mm ² earth wire with conduit etc.	Lm	1,363.00
Ele - 037	Supplying and installing 10.0mm ² (Cu/PVC/PVC) 4 core unarmoured cable and 10.0mm ² earth wire.	Lm	4,286.00
Ele - 038	Supplying and installing 16.0mm ² (Cu/PVC/PVC) 4 core unarmoured cable and 16.0mm ² earth wire.	Lm	6,382.00
Ele - 039	25mm ² (CU /XLPE /SWA / PVC) 4 core armoured cable laying with necessary accessories and materials to working order.	Lm	9,876.00
Ele - 040	35mm ² (CU /XLPE /SWA / PVC) 4 core armoured cable laying with necessary accessories and materials to working order.	Lm	12,532.00
Ele - 041	Supplying and fixing Electric pump with motor single phase 1.5 Hp with starter, on cement concrete bed 2'- 00"x 1'- 6"x 0"- 6" in 1:2:4 (20mm) mix with 4 Nos 3/8"x 6" rag bolt and nuts,rendered cement mortar 1:2 including foot valve, starter switch. All completed to working order with necessary connecting accessories. (Prime cost of Centrifugal electric Water pump 1.5 Hp [Jinesena] 123,444.00 /=, Starter [Schnieder, Orange or equivalent] 9,900.00 /= Excluding vat)	No	142,444.00
Ele - 042	Supplying and fixing Electric pump with motor single phase 1.0 Hp with starter, on cement concrete bed 2'- 00"x 1'- 6"x 0"- 6" in 1:2:4 (20mm) mix with 4 Nos 3/8"x 6" rag bolt and nuts,rendered cement mortar 1:2 including foot valve, starter switch. All completed to working order with necessary connecting accessories. (Prime cost of Centrifugal electric Water pump 1.0 Hp [Solex 60,273.00 /= Excluding vat], Starter [Schnieder, Orange or equivalent] 9,900.00 /= Excluding vat)	No	79,273.00
Ele - 043	Supplying and fixing Electric pump with motor single phase 1.0 Hp with starter, on cement concrete bed 2'- 00"x 1'- 6"x 0"- 6" in 1:2:4 (20mm) mix with 4 Nos 3/8"x 6" rag bolt and nuts,rendered cement mortar 1:2 including foot valve, starter switch. All completed to working order with necessary connecting accessories. (Prime cost of Centrifugal Electric Water pump 1.0 Hp [Singer 57,000.00 /= Excluding vat], Starter [Schnieder, Orange or equivalent] 9,900.00 /= Excluding vat)	No	73,000.00

DEPARTMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Ele - 044	Ceiling fan (Havells Crew Modal) 1400mm sweep, 225 CMM air delivery, 5 speed regulator with 1.0mm ² wiring, flexible wire, round plug, switch, sunk box, fan hook, conduit, screws, clips, pins, etc. (Prime cost of Ceiling fan [Havells Crew model] 13,800.00 /= Excluding vat)	No	18,835.00
	MISCELLANEOUS		
Mis - 001	Fence barbed wire pvc coated (12 gauge), 4 points, 3" apart, supplied and fixed in existing concrete posts with G.I staples.	Lm	128.00
Mis - 002	Fence barbed wire GI, 14 gauge, 4 points, 3" apart, supplied and fixed in existing concrete posts with G.I staples.	Lm	128.00
Mis - 003	Intermediate fence posts , cement conc 1 : 1½ : 3 (¾") reinforced with 4 Nos. 8 mm dia Tor steel wound round with No 14 BWG wire to form a striup at 175 mm C-C, 2100 mm high square section 100" to 150" fixed complete as per project No S1362, sheet No 01/04.	Post	7,332.00
Mis - 004	Intermediate fence post, cement conc 1 : 1½ : 3 (¾") reinforced with 4 Nos. 10 mm dia. Tor Steel with 5.5 mm dia striups at 200 C-C, 2400 mm high square section 100 mm to 150mm fixed complete as per project No S1362, sheet No 03/04.	Post	10,605.00
Mis - 005	End post 2325 mm high, with 2 Nos struts for Type barbed wire fence fixed complete in cement concrete as per project No S1362, sheet No 02/04.	Post	37,903.00
Mis - 006	End post 2400 mm high, with 2 Nos struts for Type barbed wire fence fixed complete in cement concrete as per project No S1362, sheet No 04/04.	Post	43,744.00
Mis - 007	String Bolts 1/2" dia made and fixed 18" long (Approx).	No	1,668.00
Mis - 008	Fence barbed wire pvc coated, 7 strands 12 B.W.G with 4 points at 75 mm centres & R.C.C posts 1 : 1½ : 3 (¾") metal reinforced with 4 Nos. 8 mm dia Tor Steel with 14 B.W.G stirrups at 175 mm C-C. post to be fixed at 8'- 0" C-C. including excavation, cement conc foundation 1:3:6 (1") metal to corner posts & struts & string bolts,all as per type plan S1362, Sheet No 1/4 & 2/4 struts to be reinforced with 4Nos. 10mm Tor steel & corner posts with 4 Nos. 12 mm Tor steel. Rate to include for additional post and struts for more than 100'-0" and 2 coats of white washing to all concrete post.	Lm	5,504.00
Mis - 009	Fence barbed wire GI, 7 strands 12 B.W.G with 4 points at 75 mm centres & R.C.C posts 1: 1½: 3 (¾") metal reinforced with 4 Nos. 8 mm dia, with 14 B.W.G stirrups at 175 mm C-C. Post to be fixed at 8'- 0" C-C. Including excavation, cement conc foundation 1:3:6 (1") metal to corner posts & struts & string bolts,all as per type plan S1362, Sheet No 1/4 & 2/4 struts to be reinforced with 4Nos. 10mm Tor steel & corner posts with 4 Nos. 12 mm Tor Steel. Rate to include for additional post and struts for more than 100'-0" and 2 coats of white washing to all concrete post.	Lm	5,504.00

DEPARTMENT OF BUILDINGS [NP], MULLAITIVU.

SCHEDULE OF RATES - 2023

Item Code	Description	Unit	Basic Rate
Mis - 010	Fence barbed wire pvc coated, 10 strands 12 B.W.G with 4 points at 75 mm centres & R.C.C posts 1 : 1½ : 3 (¾") metal reinforced with 4 Nos. 10 mm tor steel with 5.5 mm stirrups at 200 mm C-C. post to be fixed at 8'- 0" C-C. including excavation, cement concrete foundation 1:3:6 (1") metal to intermediate posts, corner posts & struts & string bolts,all as per type plan S1362, Sheet No 3/4 & 4/4 struts to be reinforced with 4Nos. 10mm Tor steel & corner posts with 4 Nos. 12 mm tor steel. Rate to include for additional post and struts for more than 100'-0" and 2 coats of white washing to all concrete post.	Lm	7,306.00
Mis - 011	Fence barbed wire GI, 7 strands 14 B.W.G with 4 points at 75 mm centres & R.C.C posts 1 : 1½ : 3 (¾") metal reinforced with 4 Nos. 10 mm tor steel with 5.5 mm stirrups at 200 mm C-C. post to be fixed at 8'- 0" C-C. including excavation, cement conc foundation 1:3:6 (1") metal to intermediate posts, corner posts & struts & string bolts,all as per type plan S1362, Sheet No 3/4 & 4/4 struts to be reinforced with 4Nos. 10mm Tor steel & corner posts with 4 Nos. 12 mm tor steel. Rate to include for additional post and struts for more than 100'-0" and 2 coats of white washing to all concrete post.	Lm	7,060.00
	ALUMINIUM WORK		
Alu - 001	Supplying & fixing 100 mm Door 1.6mm thick single sash Aluminium door (Aluminium composite panel & glazed) consisting 5mm thick glass panes on top, 4 mm thick aluminium composite panel at bottom, door lock, stainless steel hinges, one pair stainless steel handle, 1No door closer, rubber, wool felt, screws, reverts& any other necessary fittings. All complete as per detail drawing. [Door closer paid separately] (Project No: S.1363/J, DRG- Door & Window)	m ²	44,597.00
Alu - 002	Supplying & fixing 100 mm Door 1.6mm thick double sash Aluminium door (Aluminium composite panel & glazed) consisting 5mm thick glass panes on top, 4 mm thick aluminium composite panel at bottom, door lock, stainless steel hinges, two pair stainless steel handle, 2No Door closer, rubber, wool felt, screws, reverts& any other necessary fittings. All complete as per detail drawing. [Door closer paid separately](Project No: S.1363/J, DRG- Door & Window)	m ²	42,147.00
Alu - 003	Supplying & fixing 70 mm, 1.5mm thick Aluminium glazed casement window consisting 5mm thick glass panes, casement lock, stainless steel bar hinges, rubber, screws, reverts& any other necessary fittings. All complete as per detail drawing.(Project No: S.1363/J, DRG- Door & Window)	m ²	42,500.00
Alu - 004	Supplying & fixing 70 mm, 1.5mm thick Aluminium glazed sliding window consisting 5mm thick glass panes, sliding lock, roller, rubber, screws, reverts& any other necessary fittings. All complete as per detail drawing.(Project No: S.1363/J, DRG- Door & Window)	m ²	26,551.00
Alu - 005	Supplying & fixing 80 mm, 1.5mm thick Aluminium glazed sliding window consisting 5mm thick glass panes, sliding lock, roller, rubber, screws, reverts& any other necessary fittings. All complete as per detail drawing.(Project No: S.1363/J, DRG- Door & Window)	m ²	36,987.00

RATES FOR IRRIGATION WORKS 2023			
No	Description	Unit	Rate (Rs)
			Mullaitivu
Description			
Clearing Works - Manual			
1	Light jungle clearing along the tank bund / Canal / Spill tail canal / road way and reservations including uprooting stumps removing out side and burning to ashes as directed.	Ha	162,800.00
2	Shrub and thorny jungle clearing along the Tank bund / Canal / Spill tail canal / road way and reservations including uprooting stumps removing out side and burning to ashes where ever necessary as directed.	Ha	107,800.00
3	Secondary growth jungle clearing along the tank bund / Canal / Spill tail canal / road way and reservations including uprooting and removing out side and burning to ashes as directed.	Ha	81,400.00
4	Weeding and clearing along the tank bund / Canal / Spill tail canal / road way and reservations as directed.	m ²	8.00
5	Stripping top soil along the upstream slope, downstream slope and top of the bund to a thickness of 0.075 meters inorder to receive new earth and spoils to be disposed out side the reservation as directed	m ³	1,727.00
6	Scarifying top soil along the upstream slope, downstream slope and top of the bund / canal bund to a thickness of 0.025 meters inorder to receive new earth and spoils to be disposed out side the reservation as directed	m ²	44.00
Clearing Works - Machinery			
7	Light jungle clearing along the tank bund / Canal / Spill tail canal / road way and reservations including uprooting stumps removing out side and burning to ashes as directed.	Ha	39,283.00
8	Shrub and thorny jungle clearing along the Tank bund / Canal / Spill tail canal / road way and reservations including uprooting stumps removing out side and burning to ashes where ever necessary as directed.	Ha	26,189.00
9	Medium jungle clearing along the tank bund / Canal / Spill tail canal / road way and reservations including uprooting stumps removing out side and burning to ashes as directed.	Ha	52,388.00
10	Common jungle clearing along the tank bund / Canal / Spill tail canal / road way and reservations including uprooting stumps removing out side and burning to ashes as directed.	Ha	99,152.00
11	Heavy jungle clearing along the tank bund / Canal / Spill tail canal / road way and reservations including uprooting stumps removing out side and burning to ashes as directed.	Ha	105,168.00
12	Stripping top soil along the upstream slope, downstream slope and top of the bund to a thickness of 0.075 meters inorder to receive new earth and spoils to be disposed out side the reservation as directed	m ³	224.00
Earth work - Manual			
13	Earth Excavation in foundation and back filling / spoil to waste / dump including watering and compaction	m ³	2,288.00
14	Borrowing earth from identified borrow areas including transport and placing in tank bund to the design profile in 225 mm layers including watering and compacting	m ³	1,812.00
15	Earth Excavation from borrow and forming canal bund including watering and compacting	m ³	1,754.00

No	Description	Unit	Rate (Rs)
			Mullaitivu
16	Earth Cutting in canal and forming canal bund including watering and compacting	m ³	2,002.00
17	Desilting in canal and spoil to waste as directed	m ³	1,554.00
Earth work - Machinery			
18	Borrowing earth from identified borrow areas including transport, benching, placing in layers average thickness not more than 225mm as earth filling in existing bund embankment and picking roots, watering as directed, compacting by vibrating compactor	m ³	671.00
19	Earth Excavation from borrow and forming Canal bund including Compaction by Machinery and shaping by manual	m ³	626.00
20	Earth Cutting in canal or canal reservation and forming Canal bund including Compaction by Machinery and shaping by manual	m ³	442.00
21	Earth cutting in canal and spoil to waste as directed	m ³	399.00
22	Earth deduction along spill tail canal and spoil to deposit	m ³	495.00
23	Earth deduction along spill tail canal and level / heap	m ³	96.00
24	Earth Excavation from borrow and forming canal bund by manual Tpt by tractor (Earth cutting by machinery)	m ³	889.00
25	Cut open the bund and Spoil to waste by machinery	m ³	399.00
26	Cut open the bund by Machinery and filling by manual	m ³	1,137.00
27	Cut open the bund and refilling including watering and compaction by machinery	m ³	1,166.00
Gravel Work			
28	Furnishing, transporting, placing and spreading of gravel on the bund including watering and compaction by manual	m ³	6,831.00
29	Furnishing, transporting, placing and spreading of gravel on the bund including watering and compaction by machinery	m ³	4,861.00
30	Furnishing and placing 0.15m thick gravel bedding for placement of Rip rap as directed	m ³	4,204.00
Road way			
31	Trimming and camparing road way by machinery	m ²	12.00
32	Earth Excavation from borrow and forming Road way	m ³	645.00
33	Furnishing, transporting, placing and spreading of gravel on the road way including watering and compaction	m ³	4,848.00
34	Supplying turf sods to site, preparation and dressing of surface, firmly placing and full turfing to new fill and watering and kept moist till grass root up as directed by the Engineer.	m ²	243.00
Concrete - Manual			
35	1:3:6(40) Ct. sand concrete compacting with porker viberator including curing without form work	m ³	25,017.00
36	1:3:6(40) Ct. sand concrete compacting with porker viberator including curing with form work	m ³	26,792.00
37	1:2:4(20) Ct. sand concrete compacting with porker viberator including curing with out form work	m ³	29,634.00
38	1:2:4(20) Ct. sand concrete compacting with porker viberator including curing with form work	m ³	32,004.00
39	1:1 1/2:3(20) Ct. sand concrete compacting with porker viberator including curing with out form work	m ³	32,920.00
40	1:1 1/2:3(20) Ct. sand concrete compacting with porker viberator including curing with form work	m ³	34,380.00

No	Description	Unit	Rate (Rs)
			Mullaitivu
Concrete - Machinery (Mixture)			
41	1:3:6(40) Ct. sand concrete using concrete mixer and compacting with porker vibrator including curing without form work	m ³	22,052.00
42	1:3:6(40) Ct. sand concrete using concrete mixer and compacting with porker vibrator including curing with form work	m ³	23,828.00
43	1:2:4(20) Ct. sand concrete using concrete mixer and compacting with porker vibrator including curing with out form work	m ³	26,668.00
44	1:2:4(20) Ct. sand concrete using concrete mixer and compacting with porker vibrator including curing with form work	m ³	29,039.00
45	1:1 1/2:3(20) Ct. sand concrete using concrete mixer and compacting with porker vibrator including curing with out form work	m ³	29,954.00
46	1:1 1/2:3(20) Ct. sand concrete using concrete mixer and compacting with porker vibrator including curing with form work	m ³	31,433.00
Rubble work			
47	Supplying and placing 9" random rubble masonry work using 150-225mm thickness rubble with 1:5 ct.sand motor	m ³	17,592.00
48	Supplying and placing 9" random rubble masonry work using 150-225mm thickness rubble with 1:5 ct.sand motor	m ²	4,020.00
49	Supplying and heaping 300 - 450 mm rubble for rip rap	m ³	5,157.00
50	Placing Rip-Rap from the dumped rubble an average thickness of 300/450 mm on up stream slope of bund as directed by the Engineer.(Rate includes the necessary internal transport and loading)	m ³	506.00
51	Removing existing collapsed rip -rap and heaping the rubble as directed by the Engineer.	m ³	462.00
52	Removing and re packing rip rap as directed by the Engineer.	m ³	924.00
53	Supplying and placing 150-225mm rubble packing	m ³	5,951.00
Reinforcement			
54	Supplying bending and placing QT Rib bar as reinforcement	kg	530.00
Formwork			
55	Furnishing and making of form work made out 20mm thick plywood with necessary frame and supports including fixing and removing as directed	m ²	901.00
Hume pipes			
56	Supplying , laying and jointing 100 mm dia hume pipe in position	L.m	4,266.00
57	Supplying , laying and jointing 150 mm dia hume pipe in position	L.m	4,973.00
58	Supplying , laying and jointing 225 mm dia hume pipe in position	L.m	6,232.00
59	Supplying , laying and jointing 300 mm dia hume pipe in position	L.m	7,609.00
60	Supplying , laying and jointing 375 mm dia hume pipe in position	L.m	8,150.00
61	Supplying , laying and jointing 450 mm dia hume pipe in position	L.m	11,142.00
62	Supplying , laying and jointing 600 mm dia hume pipe in position	L.m	15,411.00
63	Supplying , laying and jointing 900 mm dia hume pipe in position	L.m	25,290.00
64	Supplying , laying and jointing 1200 mm dia hume pipe in position	L.m	49,132.00
Gates			
65	Supplying and fixing 150mm Dia C.I Gate with complete set including spindle ___ m long ,base plate, Brass nut, Rag Bolts,ect in position	Nr	61,914.00
66	Supplying and fixing 225mm Dia C.I Gate with complete set including spindle ___ m long ,base plate, Brass nut, Rag Bolts,ect in position	Nr	89,414.00
67	Supplying and fixing 300mm Dia C.I Gate with complete set including spindle ___ m long ,base plate, Brass nut, Rag Bolts,ect in position	Nr	95,158.00

No	Description	Unit	Rate (Rs)
			Mullaitivu
68	Supplying and fixing 375mm Dia C.I Gate with complete set including spindle _m long ,base plate, Brass nut, Rag Bolts,ect in position	Nr	105,158.00
69	Supplying and fixing 450mm Dia C.I Gate with complete set including spindle _m long ,base plate, Brass nut, Rag Bolts,ect in position	Nr	143,583.00
70	Supplying and fixing 600mm Dia C.I Gate with complete set including spindle _m long ,base plate, Brass nut, Rag Bolts,ect in position	Nr	194,695.00
71	Supplying and fixing 750mm Dia C.I Gate with complete set including spindle _m long ,base plate, Brass nut, Rag Bolts,ect in position	Nr	392,445.00
72	Supplying and fixing 900mm Dia C.I Gate with complete set including spindle _m long ,base plate, Brass nut, Rag Bolts,ect in position	Nr	493,462.00
73	Supplying fabricating and installation of 1350mm x 750m size steel paneled gate	Nr	114,305.00
Miscellinious			
74	Supplying and fixing of 12mm dia. 0.45 m long mild steel dowels	Nr	627.00
75	Supplying and fixing of 16mm dia. 0.45 m long mild steel dowels	Nr	855.00
76	Chemical Anchoring fast Fix	Nr	431.00
77	Furnishing and fixing 50*100mm R.C.C. hand rails with 2 Nos. 10mm dia. Reinforcement including formwork	m	1,889.00
78	Providing guard stones as per type NP/IRR/GS/Type No 01	Nr	6,137.00
79	Providing of 50 x 100 weep holes as per type NP/IRR/WH/Type No 01	Nr	2,882.00
80	Water Pumps 50 mm (2")	Hr	582.00
81	Water Pumps 75 mm (3")	Hr	666.00
82	Supplying of empty C.I.C. pohora bags (50kg size of fertilizer)	Nr	80.00
83	Forming of sand in pohora bags.	Nr	73.00
84	Stitching of sand bags.	Nr	11.00
85	Laying of sand bags.	Nr	55.00
86	Removing of sand bags.	Nr	55.00
87	Water level measuring gague	m ²	45,085.00
88	Expansion joints in concrete floors filling with bitumen and sand (to full depth of concrete and rendering) (1/2" thick and 40" deep)	L.m	2,972.00
Gabions			
89	Furnishing, Lacing & Placing of PVC Coated 1 x 0.5 x 0.5 m Gabions boxes	Nr	5,680.00
90	Furnishing, Lacing & Placing of PVC Coated 1.0 x 1.0 x 1.0 m Gabions boxes	Nr	13,538.00
91	Furnishing, Lacing & Placing of PVC Coated 1.5 x 1.0 x 1.0 m Gabions boxes	Nr	17,787.00
92	Furnishing, Lacing & Placing of PVC Coated 2.0 x 1.0 x 1.0 m Gabions boxes	Nr	25,330.00
93	Furnishing, Lacing & Placing of PVC Coated 2.0 x 1.0 x 0.5 m Gabions boxes	Nr	16,705.00
94	Furnishing, Lacing & Placing of PVC Coated 3.0 x 1.0 x 1.0 m Gabions boxes	Nr	35,259.00
95	Furnishing, Lacing & Placing of PVC Coated 3.0 x 1.0 x 0.5 m Gabions boxes	Nr	22,718.00
96	Furnishing, & Laying Polyfelt Geosynthetics 1.5mmthk. sheet for gabion boxes	m ²	440.00
97	Furnishing, & Laying Polyfelt Geosynthetics 2.5mmthk. sheet for gabion boxes	m ²	660.00
98	Furnishing, & Packing 225 x 150 mm random rubble in to Gabion boxes	m ³	10,984.00

No	Description	Unit	Rate (Rs)
			Mullaitivu
AGRICULTURE WELLS			
99	Earth Excavation in foundation 0-5 ft. lift up to 5ft. Spread with in 100ft. by Machinery and shaping by manual	m ³	683.00
100	Earth Excavation in foundation 5-10 ft. lift up to 10ft. Spread with in 100ft. by Machinery and shaping by manual	m ³	691.00
101	Earth Excavation in foundation 10-15 ft. lift up to 15ft. Spread with in 100ft. by Machinery and shaping by manual	m ³	714.00
102	Earth Excavation in foundation 15-20 ft. lift up to 20ft. Spread with in 100ft. by Machinery and shaping by manual	m ³	729.00
103	Soft Rock Excavation in foundation 0-5 ft. lift up to 20ft. Spread with in 100ft. by Machinery and shaping	m ³	1,145.00
104	16mm thick cement and sand 1:3 plastering	m ²	745.00
105	100mm Cement concrete block in 1:4:5[20mm] masonry in 1:5 cement and sand.	m ²	3,967.00
106	125mm Cement concrete block in 1:4:5[20mm] masonry in 1:5 cement and sand.	m ²	4,958.00

**ROAD DEVELOPMENT DEPARTMENT -NORTHERN PROVINCE
H.S.R. - SCHEDULE OF PRICES UP DATED ON MAY 2023 MULLAITIVU**

NEW CODE	DESCRIPTION OF ITEM	UNIT	Rate
	LABOUR RATES (BASIC)		
B0-001	SKILLED A - (SK 'A')	DAY (8HRS)	2,900.00
B0-002	SKILLED B - (SK 'B')	DAY (8HRS)	2,700.00
B0-003	SEMI SKILLED - (S/SK)	DAY (8HRS)	2,400.00
B0-004	UNSKILLED - (U/SK)	DAY (8HRS)	2,200.00
	HIRE CHARGES (WET LEASE BASIC - INCLUDING OPERATOR)		
B0-102	CONCRETE / ASPHALT MIXER (400 LTRS)	DAY (6HRS)	9,409.73
B0-104	WATER TANK + 50 MM. PUMP (LESS OPERATOR) *	DAY (6HRS)	4,691.16
B0-105	WELDING PLANT ENGINE DRIVEN : WITH WELDER	DAY (6HRS)	17,209.70
B0-106	PORKER VIBRATER (LESS OPERATOR)*	DAY (6HRS)	2,420.66
B0-107	PLATE COMPACTOR (90 KG) (LESS OPERATOR)*	DAY (6HRS)	4,636.65
B0-108	VIBRATING RAMMER (60 KG) (LESS OPERATOR)*	DAY (6HRS)	4,039.47
B0-109	VIBRATING ROLLER (1/2 - 1 TON)	DAY (6HRS)	9,743.06
B0-110	VIBRATING ROLLER (SMOOTH - 10 TONS)	DAY (6HRS)	42,600.00
B0-111	SMOOTH / ROAD ROLLER (8 - 10 TONS : STATIC)	DAY (6HRS)	21,300.00
B0-112	PNEUMATIC ROAD ROLLER (8 - 10 TONS)	HOOR	7,937.39
B0-112-A	VIBRATING ROLLER (0.75 - 1.25 TON)	DAY	13,425.00
B0-113	MOTOR GRADER (65 HP)	DAY (6HRS)	32,430.47
B0-114	MOTOR GRADER (120 - 140 HP)	DAY (6HRS)	52,320.00
B0-115	BACKHOE LOADER (JCB)	DAY (6HRS)	36,000.00
B0-116	WHELL LOADER (1.4 CU.M)	DAY (6HRS)	39,159.97
B0-116A	WHELL LOADER (1.7 CU.M)	DAY (6HRS)	40,370.00
B0-117	TRACTOR & TRAILOR (3TON:)	DAY (6HRS)	14,300.00

NEW CODE	DESCRIPTION OF ITEM	UNIT	Rate
B0-118	LORRY / TIPPER / DT (EXCEEDING 10 KM)	KM/CU. M.	35.34
B0-119	-DO - (FOR LESS THAN 10 KM. DISTANCES)	KM/CU. M.	44.76
B0-119 1	-DO - (FOR LESS THAN 03 KM. DISTANCES)	KM/CU. M.	47.11
B0-120	TRANSPORT OF PREMIX BY DUMP TRUCK **	KM/M.T ONNE	37.18
B0- 120A	TRANSPORT OF EMULSION PER 100 LITRES	KM/100 LTRS	3.79
B0-121	SAND / CHIP SPREADER - PROPELLED	DAY (6HRS)	49,032.66
B0-122	FRAM TRACTOR & BROOM	DAY (6HRS)	13,318.68
B0-123	EMULSION SPRAYER SELF PROP. (4000 LITRES)	DAY (6HRS)	31,657.17
B0-124	WHEEL LOADER (2.7 - 3.1 CU.M)	DAY (6HRS)	54,550.93
B0- 124A	WHEEL LOADER (2.0 - 2.3 CU.M)	DAY (6HRS)	44,000.08
B0-127	LORRY 7 TON (4.5 CU.M)	KM	170.00
B0-128	WATER BOWSER (6000 LITRES)	DAY (6HRS)	26,315.21
B0-129	ASPHALT PAVER (Crawler)	HOUR	11,994.63
B0- 129A	ASPHALT PAVER (Wheel)	HOUR	11,950.83
B0-130	TANKER ONLY (20,000 LITRES)	HOUR	240.84
B0-131	PRIME MOVER OLD (FOR 20,000 L TANKER)	HOUR	10,823.72
B0- 131A	PRIME MOVER NEW (FOR 30 T TRAILER)	HOUR	10,823.72
B0-132	BABY DUMPER .75 CU.M (LESS OPERATOR)	HOUR	2,173.81
B0-133	WATER PUMP 4" (WITH OPERATOR)	HOUR	2,086.10
B0- 133A	WATER PUMP 2" (LESS OPERATOR)	HOUR	1,128.79
B0-134	SLUDGE PUMP 4" (WITH OPERATOR)	HOUR	2,788.62
B0-135	VIBRATING ROLLER (6 - 7 TONS) TANDEM	HOUR	4,127.71
B0-136	CONCRETE MIXER WITH LOAD CELL WEIGH BATCHER 14/10	DAY (6HRS)	14,165.02
B0-137	TROLLEY EMULSION (LESS OPERATOR)*	HOUR	104.48
B0-138	SPRAYER EMULSION HAND CART	HOUR	1,389.02
B0-139	ROAD MARKER HAND CART GAS HEATER	HOUR	1,628.46
B0-140	BITUMEN DISTRIBUTOR 750 LITRES	HOUR	2,628.89
B0-141	TANK TRUCK BITUMEN 10,000 LTR	HOUR	6,893.42

NEW CODE	DESCRIPTION OF ITEM	UNIT	Rate
B0-142	STONE CRUSHER 40T/H	HOUR	21,022.31
B0-143	TRACK DRILL CRAWLER	HOUR	2,521.36
B0-144	COMPRESSOR AIR 750 CFM	HOUR	12,430.21
B0-145	SLURRY SEALING MACHINE	HOUR	19,502.23
B0-146	MOBILE CRANE 25 TON	HOUR	12,104.26
B0-146 A	MOBILE CRANE 30 TON - WET	HOUR	15,930.35
B0-147	ASPHALT PLANT 60T/H HOT MIX	HOUR	33,724.61
B0-150	FARM TRACTOR WITH WATER BOWSER	HOUR	2,383.33
B0-151	LORRY 17 TON SELF LOADING (WET)	KM	300.00
B0-152	TRACTOR WITH EMULSION BOWSER	HOUR	1,918.30
B0-153	EMULSION TANK TRUCK (8000 LITRES)	KM	271.22
B0-154	DOZER (CRAWLER TRACTOR) D-4,D-41(80 - 100 HP)	HOUR	8,598.24
B0-155	EXCAVATOR MOBILE	HOUR	12,362.04
B0-156	AIR COMPRESSOR 250 CFM	HOUR	7,885.53
B0-157	HAND HELD BREAKER (DEMOLISHER) LESS OPERATER	DAY	679.05
B0-158	ROCK DRILL HAND HELD (LESS DRILL STEEL)	HOUR	494.41
	SUPPLY OF SOIL FROM BORROW PITS INCLUDING LOADING and TRANSPORT. (FOR QUANTITIES MORE THAN 300 CU.M.)		
B0-201	APPROVED SOIL TYPE I FOR BASES & SHOULDERS (Rate based on transport distance)	CU.M	3,180.00
B0-202	APPROVED SOIL TYPE I & II FOR EMBANKMENTS (Rate based on transport distance)	CU.M	1,900.00
	AGGREGATE & RUBBLE INCLUDING BLASTING, LOADING & PILING		
NOTE *	Unit rates are scheduled to the main town of each District		
B0-301	(150MM - 225MM) RUBBLE - (VEHICLE MEASUREMENT, EXCLUDING PILING)	CU.M	4,770.32
B0-302	(150MM - 225MM) RUBBLE PILED	CU.M	5,270.32
	MANUAL PRODUCTION		
B0-303	(100MM) AGGREGATE	CU.M	5,300.35
	PLANT PRODUCTION		

NEW CODE	DESCRIPTION OF ITEM	UNIT	Rate
B0-308A	(19MM) AGGREGATE	CU.M	6,360.42
B0-309	(12.5MM) AGGREGATE	CU.M	6,713.78
B0-310	(37.5MM) - DO - , (S.S.C.M. TB : 1701-1 / 1701-4)	CU.M	5,300.35
B0-311	(50MM) - DO - , (S.S.C.M. TB : 1701-4)	CU.M	5,300.35
B0-312	CRUSHER FINES (6.3MM. DOWN WARDS)	CU.M	4,122.00
B0-313	(37.5MM) GRADED (TABLE 1701.5 FOR ABC)	CU.M	4,475.00
	AGGREGATE FOR SEAL COAT TREATMENTS		
	(GRADING AS PER SSCM TABLE 1701-8)		
B0-314	AGGREGATE 19MM	CU.M	6,510.42
B0-315	AGGREGATE 12.5MM	CU.M	6,863.78
B0-316	AGGREGATE 9.5MM	CU.M	6,863.78
	SAND (Unit rates are scheduled to the main town of each District)(No transport will be added to 10km from that town)		
B0-331	RIVER SAND FOR ROAD SURFACE APPLICATIONS (SSCM TABLE 1701-9)	CU.M	4,946.00
B0-332	RIVER SAND FOR CONCRETE AND MASONRY WORK(SSCM TABLE 1701-2)	CU.M	4,946.00
	BITUMEN & EMULSION		
B0-351	BITUMEN 80/100[200 LTR DRUMS]	LITRE	210.00
B0-351A	BITUMEN 60/70 [140 LTR DRUMS] (EX-STOCKIST)	LITRE	210.00
B0-352	EMULSION - C.S.S. 1	LITRE	180.00
B0-353	EMULSION - C.R.S. 1	LITRE	180.00
B0-354	EMULSION - C.R.S. 2	LITRE	180.00
B0-355	BITUMEN 80/100[BULK] (DELIVARY AT SITE)	KG	210.00
B0-355A	BITUMEN 60/70 [BULK] (DELIVARY AT SITE)	KG	210.00
B0-356	MC 30	LITRE	310.00
B0-361	ASPHALT CONCRETE : SURFACING MATERIAL -	M.TON	20,000.00
	BINDER 80/100, 5% MIX* - DENSE [19MM]		

NEW CODE	DESCRIPTION OF ITEM	UNIT	Rate	
	CEMENT (INCLUDING TRANSPORT COST)			
B0-401	PORTLAND CEMENT (FOR ALL WORK)	BAG (50 KG)	2,200.00	
	STEEL AND STEEL ITEMS (INCLUDING TRANSPORT COST)			
B0-411	MILD STEEL	KG	337.20	
B0-411A	TOR STEEL	KG	337.20	
B0-431	BINDING WIRE	KG	499.20	
B0-432	WIRE NAILS, M.S.BOLTS & NUTS	KG	570.00	
	PRECAST CONCRETE ITEMS			
	EX - FACTORY : MINIMUM PRICE EXCLUDING GST			
	REINFORCED CONCRETE PIPES & COLLARS			
			Vavuniya	Vavuniya
	DIAMETER - MM	UNIT	LENGTH - MM	PIPE
				COLLAR
				A
				B
B0-441	153 (6")	01 NO	2438 (8')	7,500.00
B0-442	229 (9")	01 NO.	2438 (8')	10,000.00
B0-443	305 (12")	01 NO.	2438 (8')	12,000.00
B0-444	450 (1' 6")	01 NO.	2438 (8')	16,000.00
B0-445	610 (2' 0")	01 NO.	2438 (8')	25,000.00
B0-446	914 (3' 0")	01 NO.	1219 (4')	20,000.00
B0-447	1219 (4' 0")	01 NO.	1219 (4')	45,000.00
	PRECAST CONCRETE ITEMS			
B0-448	STD ROAD KERB 125 X 250 X 900 G25 CONCRETE	01 NO.	2,275.00	
B0-449	PAVING SLAB 450 X 450 X 50 MM G20 CONCRETE	01 NO.	1,150.00	
B0-450	BRIDGE KERB 915	1 NO.	4,675.00	
B0-451	STD. UPRIGHTS FOR BRIDGES (NEW DESIGN)	1 NO.	4,675.00	
B0-452	STD. HAND RAILS FOR BRIDGES (NEW DESIGN)	1 NO.	6,125.00	
B0-453	COUPING PAIRS FOR HAND RAILS	1 PAIR	1,025.00	
B0-454	RAIN WATER CHANNELS 609MM LONG	1 NO.	2,250.00	
B0-455	CEMENT SAND HOLLOW BLOCK 16" X 8" X 4"	1 NO.	154.00	

NEW CODE	DESCRIPTION OF ITEM	UNIT	Rate
B0-456A	INTERLOCKING CONCRETE BLOCKS (210X110X60MM) (15N/mm ²)	1 NO.	70.00
B0-456B	INTERLOCKING CONCRETE BLOCKS (210X110X80MM) (40N/mm ²)	1 NO.	115.00
B0-456C	INTERLOCKING CONCRETE BLOCKS (210X110X80MM) (30N/mm ²)	1 NO.	92.00
	PAINTS (INCLUDING TRANSPORT COST)		
B0-531	BITUMINOUS EMULSION PAINT (CRS-2)	LITRE	173.68
B0-534	GLUE	KG	364.45
B0-537	LIME - BOILED	KG	28.95
B0-541	ENAMEL PAINT	LITRE	2,602.45
B0-542	PAINT - ANTI CORROSIVE	LITRE	1,753.45
B0-544	PAINT - EMULSION	LITRE	2,394.00
B0-545	RUST REMOVER	LITRE	3,532.99
B0-546	EMULSION FOR EXTERIOR USE (WEATHERSHIELD)	LITRE	3,057.29
B0-547	ROAD MARKING PAINT (YELLOW)	LITRE	3,454.86
B0-548	ROAD MARKING PAINT (WHITE)	LITRE	3,005.21
	FUEL, OILS & LUBRICANTS		
B0-601	INDUSTRIAL KEROSENE OIL	LITRE	295.00
B0-602	MOULD OIL (INCLUDING TRANSPORT)	LITRE	163.33
B0-611	LUBRICANT (OIL)	LITRE	2,388.94
B0-612	AUTO DIESEL	LITRE	310.00
B0-613	PETROL	LITRE	333.00
B0-614	FURNACE OIL FOR BURNERS	LITRE	132.10
B0-616	LUBRICANT (GREASE)	KG	3,441.76
	MISCELLANEOUS (INCLUDING TRANSPORT COST)		
B0-631	BASKETS	01 NO.	300.00
B0-632	GUNNY BAGS NEW (LARGE)	01 NO.	55.10
B0-632A	POLY SACS (65KG CAPACITY)	01 NO.	71.80
B0-633	COTTON WASTE	KG	160.95
	(TUBULAR FLAT WIDTH APP.505MM, WITH TRANS.)		
B0-646	TRAFFIC CONES	NO	3,013.50

NEW CODE	DESCRIPTION OF ITEM	UNIT	Rate
B0-647	75MM X 8MM DIA NUTS AND BOLTS	NO	35.90
B0-648	SAW DUST (LOOSE)	CU.M	127.55
B0-649	DRILL STEEL	METRE	150.06
	PIECE RATES & ALLOWANCES		
	ALLOW FOR :		
B0-704	BARRICADING (SMALL WORK ITEMS)	ITEM	1,100.00
B0-705	BARRICADING, LIGHTING, SIGNALLING ETC FOR 100 M (STATIONARY OPERATIONS)	DAY	2,750.00
B0-711	CEMENT, SAND & WATER FOR JOINTING - HUME PIPE 152MM DIAMETER	JOINT	110.00
	WATER FOR CONCRETING:		
B0-781	ALLOW FOR WATER FOR MIXING BY MACHINE PER	CU.M	55.00
B0-782	ALLOW FOR WATER FOR MIXING MANUALLY PER	CU.M	55.00
	WHITE WASHING FOR BARRICADING		
B0-791	WHITE WASHING EMPTY BARRELS (PEN.GRADE)	01 NO.	250.00
B0-792	WHITE WASHING TIMBER POSTS, HORIZONTALS, ETC. (IN 4 L.M BARRICADING)	01 ITEM	93.75
	THERMOPLASTIC ROAD MARKING MATERIALS		
	EXCLUDING TRANSPORT & VAT		
B0-800	THERMO PLASTIC ROAD MARKING MATERIALS (WHITE)*	KG	300.00
B0-801	THERMO PLASTIC ROAD - DO- (YELLOW)*	KG	300.00
B0-802	GLASS BEADS*	KG	310.00
B0-803	CATS EYE 100MM X 100MM*	NO.	4,008.00
	GABION MESH* (GALVANIZED) EXCLUDING TRANSPORT		
	GABION SIZE M		
B0-850	1X1X1 INCLU. COATED TIE (BINDING) WIRE @ 5% OF GABION WEIGHT	PER BOX	10,384.40
B0-851	2X1X.5 INCLU. COATED TIE (BINDING) WIRE @ 5% OF GABION WEIGHT	PER BOX	12,773.00
B0-852	1.5X1X1 INCLU. COATED TIE (BINDING) WIRE @ 5% OF GABION WEIGHT	PER BOX	13,692.55
B0-853	2X1X1 INCLU. COATED TIE (BINDING) WIRE @ 5% OF GABION WEIGHT	PER BOX	27,576.05
	GEOTEXTILES * EXCLUDING TRANSPORT & VAT		

NEW CODE	DESCRIPTION OF ITEM	UNIT	Rate
B0-860	GEOTEXTILES (NONWOVAN POLY PROPYLENE POLYMER	PER SQ.M	302.50
	TEAR RESISTANT > 400N AND APPARENT PORE SIZE < 200 NM)		

ROAD DEVELOPMENT DEPARTMENT - MULLAITIVU DISTRICT

HSR SUMMARY -REVISED ON MAY 2023

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
T1-001	TRANSPORT OF SOIL 25M TO 100M BY ANY MEANS (INCLU.LOADING AND UNLOADING):	CU.M.	620.13
T1-002	TRANSPORT 100M TO 0.5KM BY ANY MEANS (EXCLUDING LOADING):	CU.M.	572.00
T1-003	TRANSPORT 0.5KM TO 1.0KM BY ANY MEANS (EXCLUDING LOADING):	CU.M.	612.86
T1-003A	TRANSPORT OF EACH SUBSEQUENT 1KM FROM 1.0 - 8.0 KM BY ANY MEANS (EXCLUDING LOADING):	CU.M.	95.33
T1-003B	TRANSPORT OF EACH SUBSEQUENT 1KM BEYOND 8.0 KM BY ANY MEANS (EXCLUDING LOADING):	CU.M.	64.01
T1-006	TRANSPORT OF MATERIAL IN BULK EXCLUDING LOADING (FOR DISTANCE LESS THAN OR EQUAL 3 KILO METRES)	CU.M.	141.34
T1-007	TRANSPORT OF MATERIAL IN BULK EXCLUDING LOADING (FROM 3 KM UPTO 10 KILO METRES DISTANCE)	CU.M	44.80
T1-007A	TRANSPORT OF MATERIAL IN BULK EXCLUDING LOADING (FOR DISTANCE MORE THAN 10 KILO METRES)	CU.M	35.34
T1-009	TRANSPORT OF PREMIX IN BULK EXCLUDING LOADING OTHER THAN AT MIXING PLANT	M.TON/ KM	37.18
T1-010	TRANSPORT OF BARRELS OF BITUMEN FOR FIRST 1.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	NO.	86.08
T1-010A	TRANSPORT OF BARRELS OF BITUMEN FOR EACH SUBSEQUENT 1.0 KM, FROM 1.0 - 8.0 KM (EXCLUDING LOADING AND UNLOAD) :	NO.	18.15
T1-010B	TRANSPORT OF BARRELS OF BITUMEN FOR EACH SUBSEQUENT 1.0 KM BEYOND 8.0 KM (EXCLUDING LOADING AND UNLOAD) :	NO.	12.53
T1-013	LOADING BARRLES OF BITUMEN INCLUSIVE OF ROLLING UPTO 25M :	NO.	38.50
T1-014	UNLOADING BARRLES OF BITUMEN INCLUSIVE OF ROLLING AND STACKING :	NO.	16.50
T1-015	TRANSPORT OF HUME PIPES 152MM DIA. FOR 1ST 1.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	64.12

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
T1-015A	TRANSPORT OF HUME PIPES 152MM DIA. FOR EACH SUBSEQUENT 1.0 KM, FROM 1.0 - 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD):	L.METR E	14.63
T1-015B	TRANSPORT OF HUME PIPES 152MM DIA. FOR EACH SUBSEQUENT 1.0 KM BEYOND 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD):	L.METR E	10.33
T1-018	TRANSPORT OF HUME PIPES 229MM DIA. FOR 1ST 1.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	72.13
T1-018A	TRANSPORT OF HUME PIPES 152MM DIA. FOR EACH SUBSEQUENT 1.0 KM, FROM 1.0 - 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD):	L.METR E	16.45
T1-018B	TRANSPORT OF HUME PIPES 152MM DIA. FOR EACH SUBSEQUENT 1.0 KM BEYOND 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	11.62
T1-021	TRANSPORT OF HUME PIPES 305MM DIA. FOR 1ST 1.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	96.17
T1-021A	TRANSPORT OF HUME PIPES 305MM DIA. FOR EACH SUBSEQUENT 1.0 KM, FROM 1.0 - 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD):	L.METR E	21.94
T1-021B	TRANSPORT OF HUME PIPES 305MM DIA. FOR EACH SUBSEQUENT 1.0 KM BEYOND 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	15.49
T1-024	TRANSPORT OF HUME PIPES 457MM DIA. FOR 1ST 1.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	144.26
T1-024A	TRANSPORT OF HUME PIPES 457MM DIA. FOR EACH SUBSEQUENT 1.0 KM, FROM 1.0 - 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	32.91
T1-024B	TRANSPORT OF HUME PIPES 457MM DIA. FOR EACH SUBSEQUENT 1.0 KM BEYOND 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	23.24
T1-027	TRANSPORT OF HUME PIPES 610MM DIA. FOR 1ST 1.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	192.35
T1-027A	TRANSPORT OF HUME PIPES 610MM DIA. FOR EACH SUBSEQUENT 1.0 KM, FROM 1.0 - 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	43.88

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
T1-027B	TRANSPORT OF HUME PIPES 610MM DIA. FOR EACH SUBSEQUENT 1.0 KM BEYOND 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	30.99
T1-030	TRANSPORT OF HUME PIPES 915MM DIA. FOR 1ST 1.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	288.52
T1-030A	TRANSPORT OF HUME PIPES 915MM DIA. FOR EACH SUBSEQUENT 1.0 KM, FROM 1.0 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	65.82
T1-030B	TRANSPORT OF HUME PIPES 915MM DIA. FOR EACH SUBSEQUENT 1.0 KM BEYOND 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	46.48
T1-033	TRANSPORT OF HUME PIPES 1220MM DIA. FOR 1ST 1.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	626.64
T1-033A	TRANSPORT OF HUME PIPES 1220MM DIA. FOR EACH SUBSEQUENT 1.0 KM, FROM 1.0 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	181.23
T1-033B	TRANSPORT OF HUME PIPES 915MM DIA. FOR EACH SUBSEQUENT 1.0 KM BEYOND 8.0 KM OF TRANSPORT (EXCLUDING LOADING AND UNLOAD) :	L.METR E	129.93
T1-036	LOADING AND UNLOADING 152MM DIA. 2.44M LONG HUME PIPES :	NO.	118.80
T1-037	LOADING AND UNLOADING 229MM DIA. 2.44M LONG HUME PIPES :	NO.	138.60
T1-038	LOADING AND UNLOADING 305MM DIA. 2.44M LONG HUME PIPES :	NO.	275.00
T1-039	LOADING AND UNLOADING 457MM DIA. 2.44M LONG HUME PIPES :	NO.	457.60
T1-040	LOADING AND UNLOADING 610MM DIA. 2.44M LONG HUME PIPES :	NO.	596.20
T1-041	LOADING AND UNLOADING 915MM DIA. 1.22.44M LONG HUME PIPES :	NO.	1,100.00

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
T1-042	LOADING AND UNLOADING 1220MM DIA. 1.22M LONG HUME PIPES :	NO.	2,200.00
T1-043	TRANSPORT OF PRECAST KERB STONES (ALL TYPES) FOR ROAD WORKS, INCLUDING LOADING AND UNLOADING :	L.M./ KM	3.66
T1-044	TRANSPORT OF PRECAST KERB STONES FOR BRIDGE WORKS, INCLUDING LOADING AND UNLOADING :	L.M./ KM	5.45
T1-045	TRANSPORT OF PRECAST CONCRETE HAND RAILS UP-RIGHTS AND JOINTS FOR BRIDGE WORKS, INCLUDING LOADING AND UNLOADING :	L.M./ KM	8.13
T1-046	TRANSPORT OF PRECAST CONCRETE SLABS 450 X 450 X 50 MM FOR FOOT WALKS, INCLUDING LOADING AND UNLOADING :	SQ.M./ KM	10.06
T1-047	TRANSPORT OF PRECAST STANARD BOUNDARY MARKERS INCLUDING UNLOADING ONLY* :	NO. / KM	5.09
	* SUPPLY RATE INCLUDE LOADING AT YARD.		
T1-048	TRANSPORT OF EMULSION :	100 L / KM	3.39
T1-049 (NEW)	TRANSPORT OF GABION MESH 4x1x1 M SIZE :	NO. / KM	2.56
	<u>SECTION II</u>		
	<u>ROADWAY AND FOUNDATION / TRENCH EXCAVATION</u>		
	(INCLUDING LOADING, UNLOADING AND TRANSPORTING WITHIN 25 METERS DISTANCE UNLESS OTHERWISE SPECIFIED)		
* NOTE :	FOR ROADWAY EXCAVATIONS INVOLVING MORE THAN 300 CU.M, MACHINE RATES SHOULD BE ADOPTED		
1.	TRANSPORTATION TO BE INCLUDED FOR SAND RELATED		
Note	TRANSPORTATION TO BE INCLUDED FOR SAND RELATED		
E1-001	EXCAVATION IN LOOSE SOIL(DRY)[SSCM 301.2(IV)] :	CU.M.	832.16
E1-002	EXCAVATION IN LOOSE SOIL (WED) IN SLIPS [SSCM 301.3(0)] :	CU.M.	1,031.36
E1-003	EXCAVATION IN ORDINARY SOIL (CUTTING MEASUREMENT)[SSCM 301.2(V)] :	CU.M.	1,230.57
E1-004	EXCAVATION IN ORDINARY SOIL (VEHICLE MEASUREMENT)[SSCM 301.2(V)] :	CU.M.	1,107.51

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
E1-005	EXCAVATION IN MEDIUM SOIL (CUTTING MEASUREMENT) [SSCM 301.2(IV)] :	CU.M.	1,628.98
E1-006	EXCAVATION IN MEDIUM SOIL (VEHICLE MEASUREMENT)[SSCM 301.2(V)] :	CU.M.	1,384.63
E1-007	EXCAVATION IN HARD SOIL (CUTTING MEASUREMENT)[SSCM 301.2(VII)] :	CU.M.	2,425.80
E1-008	EXCAVATION IN HARD SOIL (VEHICLE MEASUREMENT) [SSCM 301.2(VII)] :	CU.M.	2,789.66
E1-009	EXCAVATION IN UNCLASSIFIED SOIL (CUTTING MEASUREMENT)[SSCM 301.2a(I)] :	CU.M.	1,761.80
E1-010	EXCAVATION IN SOFT ROCK (CUTTING MEASUREMENT) [SSCM 301.2(VII)] :	CU.M.	2,625.00
E1-010A	EXCAVATION IN MUD/MARSHY MATERIAL (CUTTING MEASUREMENT)[SSCM 301.2(VII)] :	CU.M.	2,027.39
E1-011	EXCAVATION PIT/TRECH FOR FOUNDATION IN ORDINARY SOIL NOT EXCEEDING 1.5 M. DEEP INCLUDING LEVELLING AND RAMMING BOTTOM, EXCAVATION MATERIAL DEPOSITED AT SITE WITH IN 25 M OR AS DIRECTED. * (SHORING, DEWATERING IF NECESSARY SHALL BE PAID SEPARATELY) [SSCM 302.1-302.3] :	CU.M.	1,628.98
E1-012	DITTO - HADR SOIL, -DO - DO - :	CU.M.	2,027.39
E1-013	DITTO - HADR SOIL, -DO - DO - :	CU.M.	2,824.20
E1-014	DITTO - IN UNCLASSIFIED SOIL, -DO - DO - :	CU.M.	2,160.19
E1-015	DITTO - MUD/MARSHY MATERIAL, -DO - DO - :	CU.M.	2,425.80
E1-019	EXCAVATING SOFT ROCK, NOT EXCEEDING 1.5M DEPTH [SSCM 301.2 (II)] :	CU.M.	3,222.61
E1-021	PILING AVAILABLE SOIL :	CU.M.	199.20
E1-022	LOADING AVAILABLE SOIL TO A TRACTOR OR EQUIVALENT :	CU.M.	262.95
E1-023 (AMEND.)	EXCAVATING ROCK, REQUIRING BLASTING, FOR ROADWAY FOR BOULDERS (EXCLUDING DOZING AWAY [SSCM 301.2 (III) & 306.1 - 306.4] :	CU.M.	3,407.69
E1-024	BOULDERS SLEDGING, PILING, ETC..	CU.M.	3,803.00
E1-025	ROCK REQUIRING BLASTING :	CU.M.	4,399.19
E1-026 (AMEND.)	ROCK REQUIRING BLASTING AND PILING:	CU.M.	5,540.09

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
E1-027	ROADWAY EXCAVATION IN UNCLASSIFIED SOIL USING MACHINERY EXCLUDING LOADING AND PILING. (CUTTING MEASUREMENT)	CU.M.	391.51
E1-028	LOADING MATERIAL BY MACHINERY IN ROADWAY EXCAVATION (CUTTING MEASUREMENT) :	CU.M.	237.85
E1-029	TRIMMING / CAMBERING BY MOTOR GRADER (CUTTING MEASUREMENT) :	CU.M.	50.05
E1-029A	TRIMMING / CAMBERING BY MOTOR GRADER (CUTTING MEASUREMENT) :	SQ.M.	10.01
	SECTION III		
	AGGREGATE / RUBBLE PILING INCLUDING LOADING		
A1-001	SLEDGING AVAILABLE ROCK 150-225 MM RUBBLE INCLUDING PILING & LOADING :	CU.M.	3,042.40
A1-002	BLASTING ETC. & PILING 150-225 MM RUBBLE INCLUDING LOADING :	CU.M.	5,485.76
A1-002A (NEW)	BLASTING SLEDGING ETC. & PILING 150-225MM RUBBLE USING COMPRESSOR & HAND HELD DRILLS INCLUDING LOADING :	CU.M.	N/A
A1-003	BLASTING ETC. & PILING 100MM AGGREGATE, INCLUDING LOADING :	CU.M.	N/A
A1-004	BLASTING ETC. & PILING 75 MM AGGREGATE, INCLUDING LOADING :	CU.M.	N/A
A1-005	BLASTING ETC. & PILING 50 MM AGGREGATE, INCLUDING LOADING :	CU.M.	N/A
A1-006	BLASTING ETC. & PILING 37.5 MM AGGREGATE, INCLUDING LOADING :	CU.M.	N/A
A1-007	BLASTING ETC. & PILING 25 MM AGGREGATE, INCLUDING LOADING :	CU.M.	N/A
A1-008	BLASTING ETC. & PILING 19 MM AGGREGATE, INCLUDING LOADING : *	CU.M.	N/A
A1-009	50 MM AGGREGATE, SINGLE SIZE CRUSHER PRODUCTION INCLUDING PILING AND LOADING [SSCM404.1-406.1: TABLE 1701-4]:	CU.M.	5,300.35
A1-010	37.5 MM AGGREGATE, SINGLE SIZE CRUSHER PRODUCTION INCLUDING PILING AND LOADING [SSCM404.1-406.1: TABLE 1701-4]:	CU.M.	5,300.35
A1-011	19 MM AGGREGATE, SINGLE SIZE CRUSHER PRODUCTION INCLUDING PILING AND LOADING [SSCM404.1-406.1]:	CU.M.	6,360.42

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
A1-012	12.5 MM AGGREGATE, SINGLE SIZE CRUSHER PRODUCTION INCLUDING PILING AND LOADING [SSCM404.1-406.1: TABLE 1701-4]:	CU.M.	6,713.78
	PLANT PRODUCTION AGGREGATE FOR DENSE GRADED <u>AGGREGATE</u> <u>BASE</u> COURSE		
A1-013	AGGREGATE 37.5 MM, DOWN GRADED (SSCM - TABLE 1701.5) INCLUDING PILING & LOADING :	CU.M.	4,475.00
A1-014	CRUSHER FINES 6.3 MM DOWN, INCLUDING PILING & LOADING FOR 1.0 CU.M :	CU.M.	4,122.00
A1-015	AGGREGATE 19 MM FOR SEAL COAT TREATMENTS AS PER SSCM TABLE 1701-8, INCLUDING - DO -	CU.M.	6,510.42
A1-016	AGGREGATE 12.5 MM FOR SEAL COAT TREATMENTS AS PER SSCM TABLE 1701-8, INCLUDING - DO -	CU.M.	6,863.78
A1-017	BLENDED AGGREGATE FOR RECTIFICATION OVERLAY, WITH 37.5 MM SINGLE SIZE AGGREGATE AND 19 MM & 12.5 MM CRUSHER AGGREGATE MIXED IN THE VOLUME RATIO OF 7:2:1 INCLUDING MIXING AND LOADING.(PILING TO PAY SEPARATELY):*	CU.M.	5,667.10
A1-018	PILING AVAILABLE AGGREGATE :	CU.M.	217.31
A1-019	PILING AVAILABLE RUBBLE :	CU.M.	434.63
A1-020	LOADING AVAILABLE AGGREGATE /RUBBLE :	CU.M.	398.41
	SECTION IV		
	<u>APPROVED EARTH FILLING & COMPACTION</u>		
EW1-001	APPROVED SOIL (TYPE I & II MATERIALS) EXCAVATION FOR BASES & SHOULDER CONSTRUCTION INCLUDING LOADING AND PILING. (LOOSE VOLUME) [SSCM 601.1 TO 601.4] :	CU.M.	1,909.97
EW1-002	SPREADING PILED APPROVED SOIL (LOOSE VOLUME):	CU.M.	278.70
EW1-003	APPROVED SOIL SPREAD & ROLLED INCLUDING ROLLER HIRE CHARGES, FUEL & WATERING (LOOSE VOLUME)* [SSCM 601.1 TO 4]:	CU.M.	607.26

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
EW1-003A (NEW)	APPROVED SOIL SPREAD & ROLLED USING MACHINERY INCLUDING MOTOR GRADER & ROLLER HIRE CHARGES, FUEL & WATERING (LOOSE VOLUME)* [SSCM 601.1 TO 4]:	CU.M.	308.21
EW1-004	APPROVED SOIL SPREAD & ROLLED IN STRIPS WHERE AVERAGE WIDTH IS LESS THAN 1.2 METRES FOR ROAD WIDENING, INCLUDING ROLLER HIRE CHARGES, FUEL & WATERING (LOOSE VOLUME)* [SSCM 601.1 TO 4]:	CU.M.	757.79
EW1-005	DELETED		
EW1-006	APPROVED SOIL SPREAD & COMPACTED IN PLACES BEHIND ABUTMENTS AND STRUCTURES, SHOULDERS ABOVE SUB BASE LEVEL AND IN SERVICE LINE TRENCHES, USING 1/2 TO 1 TON VIBRATING ROLLER INCLUDING WATERING (LOOSE VOLUME) :	CU.M.	729.75
EW1-007	APPROVED SOIL SPREAD & COMPACTED IN 150 TO 225 MM THICK LAYERS USING MACHINE RAMMER AT NARROW PLACES (LOOSE VOLUME) :	CU.M.	666.39
EW1-008	SPREADING, LEVELING AND COMPACTING MANUALLY USING STANDARD CAST IRON STAMPER OR EQUIVALENT AND FILLING IN 150 - 225 MM THICK LAYER (LOOSE VOLUME) :	CU.M.	896.42
EW1-009	TRIMMING, LEVELING AND COMPACTION OF ORIGINAL GROUND/SUBGRADE TO 100% STD. DENSITY. [SSCM 304.3 C] :	SQ.M.	110.50
EW1-010	TRIMMING, LEVELING AND COMPACTION OF ORIGINAL GROUND/SUBGRADE TO 95% STD. DENSITY. [SSCM 304.3 C] :	SQ.M.	100.45
EW1-011	APPROVED SOIL EXCAVATION FOR EMBANKMENT FILLING INCLUDING LAODING AND PILING (LOOSE VOLUME) [SSCM 601.1 TO 601.4] :	CU.M.	1,665.60
EW1-012	DELETED		
NOTE :-	TYPE 1 SOIL,TYPE II SOIL ROYALTY INCLUDED		

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
EW1-013	APPROVED SOIL (TYPE I & II MATERIALS) EXCAVATION USING MACHINERY FOR BASES & SHOULDER CONSTRUCTION INCLUDING LOADING, TRANSPORT AND PILING (LOOSE VOLUME) [SSCM 601.1 TO 601.4] :	CU.M.	3,379.20
EW1-014	APPROVED SOIL (TYPE I & II) EXCAVATION USING MACHINERY FOR EMBANKMENT FILLING INCLUDING LOADING, TRANSPORT AND PILING (LOOSE VOLUME) [SSCM 601.1 TO 601.4] :	CU.M.	2,099.20
EW1-015	GRADING AND SPREADING BY MOTOR GRADER :	CU.M.	93.43
	<u>DATA FOR OUT PUT IN 6 HOURS SPREADING & COMPACTION</u>		
	SECTION V		
	RUBBLE PITCHING / PAVING		
	<u>(RUBBLE TO BE PAID SEPARATELY)</u>		
P1-001	PITCHED PAVING 225 MM THICK :	SQ.M.	529.60
P1-002	PITCHED PAVING 150 MM THICK :	SQ.M.	397.20
P1-003	FLAT PAVING 225 MM THICK :	SQ.M.	352.19
P1-004	FLAT PAVING 150 MM THICK :	SQ.M.	264.80
	SECTION VI		
	<u>AGGREGATE SPREADING & COMPACTION</u>		
	COST OF WATERING TO BE DEDUCTED FROM RATE IF NOT CARRIED OUT UNDER THE RELEVANT ITEMS.		
M1-001	SPREADING, WATERING & ROLLING 100 MM AGGREGATE INCLUDING HIRE CHARGES OF ROLLER. (LOOSE VOLUME) [SSCM 304.3(d),(e)] :	CU.M.	1,424.46

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
M1-002	BREAKING ROAD SURFACE TO 50 MM DEPTH BY HAND, SCREEN & REPLACE OLD AGGREGATE :	SQ.M.	146.81
M1-003	SCARIFYING ROAD SURFACE TO 50 MM DEPTH BY ROLLER, SCREEN & REPLACE OLD AGGREGATE :	SQ.M.	123.84
M1-004	SPREADING & COMPACTING 50-19 MM NEW AGGREGATE BY ROLLER INCLUDING WATERING HIRE, ETC. (LOOSE VOLUME)[SSCM 403.3(c)] :	CU.M.	2,193.05
M1-005	BREAKING 50 MM ADDITIONAL DEPTH BY HAND SCREENING & REPLACING OLD AGGREGATE :	SQ.M.	87.96
M1-006	SCARIFYING 50 MM ADDITIONAL DEPTH WITH ROLLER, SCREENING & REPLACING OLD AGGREGATE :	SQ.M.	101.77
M1-007	SPREADING WATERING & COMPACTING 50-19 MM AGGREGATE IN EDGE CORRECTION USING ROLLER INCLUDING HIRE, ETC. (LOOSE VOLUME)[SSCM 1103.3] :	CU.M.	2,858.13
M1-008	SPREADING WATERING & COMPACTING 50-19 MM AGGREGATE IN EDGE CORRECTION USING ROLLER INCLUDING HIRE, ETC. (LOOSE VOLUME)[SSCM 1103.3] :	CU.M.	2,310.04
M1-009	SPREADING & COMPACTING 50-19 MM AGGREGATE BY 8-10 TON ROLLER AFTER APPLYING TACK COAT IN OVERLAY (LOOSE VOLUME)(TACK COAT PAID SEPARATELY):	CU.M.	2,053.78
M1-010	WATER BOUND MACADAM - SPREADING WATERING & COMPACTING 50-25 MM AGGREGATE AND FILLING THE VOIDS TO REFUSAL WITH CRUSHER FINES BY WATERING AND ROLLING TO FORM A WATER BOUND MACADAM BASE EXCLUDING TRANSPORT FOR AGGREGATES AND FINES. (LOOSE VOLUME)[SSCM 404.1] :	CU.M.	9,457.72
M1-011	DRY BOUND MACADAM - SPREADING WATERING & COMPACTING 50-25 MM AGGREGATE AND FILLING THE VOIDS TO REFUSAL WITH CRUSHER FINES BY ROLLING WITH VIBRATION ROLLER TO FORM A DRY BOUND MACADAM BASE EXCLUDING TRANSPORT FOR AGGREGATES AND FINES. (LOOSE VOLUME)[SSCM 404.1] :	CU.M.	8,899.15

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
	* M1-012 : DELETED		
M1-012A (NEW)	DENSE GRADED AGGREGATE BASE [AGGREGATE BASE COURSE] INCLUDING PILING, SPREADING WATERING & COMPACTING GRADED 37.5 MM AGGREGATE TO FORM A DENSE AGGREGATE BASE USING MACHINERY INCLUDING MOTOR GRADER & ROLLER HIRE CHARGES TRANSPORT OF AGGREGATES TO BE PAID SEPARATELY (LOOSE VOLUME)[SSCM 404.1] :	CU.M.	5,024.05
	FOR THE RATE ON COMPACTED VOLUME, INCREASE LOOSE VOLUME RATE BY 42%. * IF MEASUREMENT IS ON END PRODUCT, PILING COST OF AGGREGATE AS PER A1-018 SHALL BE DEDUCTED.		
M1-013	DENSE GRADED AGGREGATE BASE [AGGREGATE BASE COURSE] INCLUDING PILING, SPREADING WATERING & COMPACTING GRADED 37.5 MM AGGREGATE TO FORM A DENSE AGGREGATE BASE IN STRIPS, AVERAGE WIDTH NOT EXCEEDING 1.2 METRES, FOR ROAD WIDENING. EXCLUDING TRANSPORT OF AGGREGATES (LOOSE VOLUME)* [SSCM 405.1 TO 4] :	CU.M.	6,763.10
	FOR THE RATE ON COMPACTED VOLUME, INCREASE LOOSE VOLUME RATE BY 42%. * IF MEASUREMENT IS ON END PRODUCT, PILING COST OF AGGREGATE AS PER A1-018 SHALL BE DEDUCTED.		
M1-013A (NEW)	GRADED 37.5 AGGREGATE BASE COURSE MATERIAL INCLUDING PILING, SPREAD & ROLLED IN STRIPS, AVERAGE WIDTH NOT EXCEEDING 1.2 METRES USING MACHINERY INCLUDING MOTOR GRADER & ROLLER HIRE CHARGES, FUEL & WATERING (LOOSE VOLUME)* [SSCM 405.1 TO 4]:	CU.M.	5,197.56

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
	SECTION VII		
	<u>ROAD SURFACE TREATMENT</u>		
	<u>TRANSPORT OF EMULSION / BITUMEN TO BE PAID SEPARATELY)</u>		
Note	TRANSPORTATION TO BE INCLUDED FOR SAND RELATED WORKS		
S1-001	BITUMEN SURFACING FIRST COAT USING 2 LTR/SQ.M INCLUDING BLINDING WITH SAND AT THE RATE OF 125 SQ.M/CU.M [SSCM 503.1]: (EXCLUDING COST OF BITUMEN) :	SQ.M.	105.23
S1-002	BITUMEN SURFACING FIRST COAT USING 2 LTR/SQ.M INCLUDING BLINDING WITH GRAVEL WHERE SAND IS NOT AVAILABLE WITHIN 16KM. : (EXCLUDING COST OF BITUMEN) :	SQ.M.	100.86
S1-003	DOUBLE BITUMINOUS SURFACE TREATMENT WITH HOT BITUMEN (MANUAL) INCLUDING INTERNAL TRANSPORT (BINDER AND AGGREGATE PAID SEPARATELY) [SSCM 505.1 - 505.5 & TABLE 505-1] :	SQ.M.	203.15
S1-004	SINGLE BITUMINOUS SURFACE TREATMENT WITH HOT BITUMEN (MANUAL) INCLUDING INTERNAL TRANSPORT (BINDER AND AGGREGATE PAID SEPARATELY) [SSCM 505.1 - 505.5 & TABLE 505-1] :	SQ.M.	109.24
S1-005	DOUBLE BITUMINOUS SURFACE TREATMENT WITH EMULSION (CRS-1) (MANUAL) INCLUDING INTERNAL TRANSPORT (BINDER AND AGGREGATE PAID SEPARATELY) :	SQ.M.	198.53
S1-006	SINGLE BITUMINOUS SURFACE TREATMENT WITH EMULSION (CRS-1) (MANUAL) INCLUDING INTERNAL TRANSPORT (BINDER AND AGGREGATE PAID SEPARATELY) :	SQ.M.	129.57
S1-007	BITUMEN SURFACING SUBSEQUENT COAT USING 0.75 LTR/SQ.M INCLUDING BLINDING WITH SAND @ 125 SQ.M/CU.M [SSCM 503.1(b)]: (EXCLUDING COST OF BITUMEN) :	SQ.M.	81.22

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
S1-008	BITUMEN SURFACING 2ND/SUBSEQUENT COAT USING 1.0 LTR/SQ.M INCLUDING BLINDING AT THE RATE OF 125 SQ.M/CU.M (NEW WORKS)[SSCM 503.1(b)]: (EXCLUDING COST OF BITUMEN) :	SQ.M.	81.22
S1-009	BITUMEN SURFACING SUBSEQUENT COAT USING 0.75 LTR/SQ.M INCLUDING BLINDING WITH GRAVEL FREE OF CLAY WHERE SAND IS NOT AVAILABLE WITHIN 16 KM [SSCM 503.2(b)]: (EXCLUDING COST OF BITUMEN) :	SQ.M.	77.00
S1-010	BITUMEN SURFACING 2ND/SUBSEQUENT COAT USING 1.0 LTR/SQ.M INCLUDING BLINDING WITH GRAVEL FREE OF CLAY WHERE SAND IS NOT AVAILABLE WITHIN 16 KM (NEW WORKS) [SSCM 503.4(c)]: (EXCLUDING COST OF BITUMEN) :	SQ.M.	77.00
S1-011	EMULSION/COLD BITUMEN(CRS-1) SURFACE TREATMENT 1ST COAT WITH 3.5 LTR/SQ.M INCLUDING BLINDING WITH SAND, @ 125 SQ.M/CU.M (MANUAL): (EXCLUDING COST OF EMULSION) :	SQ.M.	75.99
S1-012	EMULSION/COLD BITUMEN(CRS-1) SURFACE TREATMENT 1ST COAT WITH 3.5 LTR/SQ.M (USING TROLLEY, EMULSION), INCLUDING BLINDING WITH SAND, @ 125 SQ.M/CU.M : (EXCLUDING COST OF EMULSION):	SQ.M.	56.10
S1-013	EMULSION/COLD BITUMEN(CRS-1) SURFACE TREATMENT SUBSEQUENT COAT USING 3.5 LTR/SQ.M INCLUDING BLINDING WITH SAND, @ 125 SQ.M/CU.M (MANUAL): (EXCLUDING COST OF EMULSION) :	SQ.M.	56.15
S1-014	EMULSION/COLD BITUMEN(CRS-1) SURFACE TREATMENT SUBSEQUENT COAT WITH 0.75 LTR/SQ.M (USING TROLLEY, EMULSION), INCLUDING BLINDING WITH SAND, @ 125 SQ.M/CU.M : (EXCLUDING COST OF EMULSION) :	SQ.M.	48.57
S1-015	TACK COAT USING EMULSION (CSS-1) @ THE RATE OF 0.5 LTR/SQ.M INCLUSIVE OF BRUSHING, CLEANING ROAD SURFACE (MANUAL) [SSCM 502.3]: (EXCLUDING COST OF EMULSION) :	SQ.M.	20.52

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
S1-016	TACK COAT USING EMULSION (CSS-1) @ THE RATE OF 0.75 LTR/SQ.M INCLUSIVE OF BRUSHING, CLEANING ROAD SURFACE (MANUAL) [SSCM 502.3]:(EXCLUDING COST OF EMULSION) :	LETRE	41.03
S1-017	TACK COAT USING EMULSION (CSS-1) @ THE RATE OF 0.75 LTR/SQ.M INCLUSIVE OF BRUSHING, CLEANING ROAD SURFACE (MANUAL) [SSCM 502.1-502.3]: (EXCLUDING COST OF EMULSION) :	SQ.M.	20.52
S1-018	TACK COAT WITH 30% CUT BACK BITUMEN USING 0.5 LTR/SQ.M INCLUDING BRUSHING AND CLEANING ROAD SURFACE (MANUAL): (EXCLUDING COST OF BITUMEN) :	SQ.M.	86.80
S1-019	TACK COAT WITH 30% CUT BACK BITUMEN USING 0.5 LTR/SQ.M INCLUDING BRUSHING AND CLEANING ROAD SURFACE (MANUAL) (EXCLUDING COST OF BITUMEN) :	LETRE	173.61
S1-020	TACK COAT WITH 30% CUT BACK BITUMEN USING 0.75 LTR/SQ.M INCLUDING BRUSHING AND CLEANING ROAD SURFACE (MANUAL) [SSCM 503.4(d)]: (EXCLUDING COST OF BITUMEN) :	SQ.M.	109.46
S1-021	ROLLING OVER BLINDING MATERIAL SPREAD OVER SUBSEQUENT BITUMEN SURFACING USING DIESEL ROLLER (8-10 TONS) [SSCM 503.4(d)]:	SQ.M.	19.10
S1-022	PRIME COAT WITH EMULSION/COLD BITUMEN(CSS-1) USING 1 LTR/SQ.M INCLUDING BLINDING WITH SAND AT THE RATE OF 250 SQ.M/CU.M AND BRUSHING CLEANING AND MOISTENING ROAD SURFACE : (EXCLUDING COST OF EMULSION) :	SQ.M.	44.10
S1-023	PRIME COAT WITH EMULSION/COLD BITUMEN(CSS-1) USING 1 LTR/SQ.M WITHOUT BLINDING, BUT INCLUSIVE OF BRUSHING, CLEANING AND MOISTENING ROAD SURFACE : (EXCLUDING COST OF EMULSION) :	SQ.M.	20.99

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
S1-024	PRIME COAT WITH 30% CUT BACK BITUMEN USING 1 LTR/SQ.M INCLUDING BLINDING WITH SAND AT THE RATE OF 250 SQ.M/CU.M AND BRUSHING, CLEANING AND MOISTENING ROAD SURFACE : (EXCLUDING COST OF BITUMEN) :	SQ.M.	157.10
S1-025	PRIME COAT WITH 30% CUT BACK BITUMEN USING 1 LTR/SQ.M WITHOUT BLINDING BUT INCLUSIVE OF BRUSHING, CLEANING AND MOISTENING ROAD SURFACE : (EXCLUDING COST OF BITUMEN) :	SQ.M.	132.92
S1-026	SWEEPING OVER TARRED SURFACE TO ARREST BLEEDING :	SQ.M.	6.20
S1-027	APPLICATION OF ASPHALT EMULSION FOR SURFACE TREATMENT USING CRS - 1 (USING PLANT) "RATE PER LETRE" (EXCLUDING COST OF EMULSION) :	LITRE	13.54
S1-028	BLINDING THE BITUMEN SURFACE WITH SAND AT THE RATE OF 125 SQ.M PER 1 CU.M USING MATERIAL FROM STOCK PILE :	SQ.M.	49.60
S1-029	SINGLE BITUMINOUS SURFACE TREATMENT WITH EMULSION(CRS-1) USING PLANT. (BINDER AND AGGREGATE PAID SEPARATELY) (RATE TO INCLUDE TRANSPORT COST OF AGGREGATE UP TO 16 KMS) [SSCM 505.5(b)] :	SQ.M.	100.72
S1-030	DOUBLE BITUMINOUS SURFACE TREATMENT WITH EMULSION(CRS-1) USING PLANT. (BINDER AND AGGREGATE PAID SEPARATELY) (RATE TO INCLUDE TRANSPORT COST OF AGGREGATE UP TO 16 KMS) [SSCM 505.5(e)] :	SQ.M.	202.73
S1-031	SUPPLY, LAY AND COMPACT ASPHALT PREMIX CONCRETE (19 MM, BINDER(80/100) 5% MIX) -DENSE (PLANT MADE) IN WEARING SURFACE OF SMALL WORKS SUCH AS BRIDGE DECKING, REINSTATEMENT OF TRENCHES ETC. (TRANSPORT OF AGGREGATE* FOR PREMIX AND TRANSPORT OF PREMIX TO BE PAID SEPARATELY.) [SSCM - 506] :	M.T.	23,596.00

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
S1-032	SUPPLY, LAY AND COMPACT ASPHALT BOUND PREMIX (37.5 MM, BINDER(80/100) 3.53% MIX) -DENSE BASE MATERIAL (PLANT MADE) IN OF SMALL WORKS SUCH AS BRIDGE DECKING, REINSTATEMENT OF TRENCHES ETC. (TRANSPORT OF AGGREGATE* FOR PREMIX AND TRANSPORT OF PREMIX TO BE PAID SEPARATELY.) [SSCM - 506] :	M.T.	23,596.00
S1-033	SUPPLY, LAY AND COMPACT ASPHALT CONCRETE COLD MIX (19 MM, 20% CUT BACK WITH BINDER(80/100) 5.5% MIX) - DENSE (PLANT MADE) IN SMALL WORKS SUCH AS BRIDGE DECKING, REINSTATEMENT OF TRENCHES ETC. (TRANSPORT OF AGGREGATE* FOR PREMIX AND TRANSPORT OF PREMIX TO BE PAID SEPARATELY.) [SSCM - 506] :	M.T.	21,596.00
S1-033A	SUPPLY, LAY AND COMPACT ASPHALT CONCRETE COLD MIX WITH EMULSION CSS 1(6.67% BY WGT OF AGG. 19 MM) -DENSE (PLANT MADE) IN SMALL WORKS SUCH AS BRIDGE DECKING, REINSTATEMENT OF TRENCHES ETC. (TRANSPORT OF AGGREGATE* FOR PREMIX AND TRANSPORT OF PREMIX TO BE PAID SEPARATELY.) [SSCM - 506] :	M.T.	21,596.00
S1-034	LAY AND COMPACT ASPHALT PREMIX USING PAVER (COST OF PREMIX, AGGREGATE TRANSPORT* AND PREMIX TRANSPORT TO BE PAID SEPARATELY.) :	M.T.	2,315.38
S1-035 (AMENDED)	BITUMEN SURFACING (SAND SEALING - MANUAL) USING EMULSION(CRS-1) AT THE RATE OF 1LTR./SQ.M. INCLUDING PREPARING SURFACE, BLINDING WITH SAND AT THE RATE OF 4 CU.M/500 SQ.M AND PRESSING WITH IMPROVISED HAND RALLERS : (PATCHING POT HOLES IF NECESSARY & EXTERNAL TRANSPORT TO PAY SEPARATELY) (EXCLUDING COST OF EMULSION) :	SQ.M.	65.76
S1-035A (NEW)	PATCHING MINOR POT HOLES USING SAND EMULSION MIX 1:8 WHERE NECESSARY, PRIOR TO SAND SEALING. (EXCLUDING COST OF EMULSION) :	SQ.M.	25.89

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
S1-036* (AMENDED)	SAND SEALING WITH EMULSION CRS-1 AT THE RATE OF 1 LTR/SQ.M USING PLANT, INCLUDING BRUSHING, CLEANING, BLINDING WITH SAND @ OF 125 SQ.M/CU.M, AND ROLLING WITH PNEUMATIC ROLLER AND INTERNAL TRANSPORT [SSCM 504] : (EXCLUDING COST OF EMULSION) (PATCHING POT HOLES IF NECESSARY & EXTERNAL TRANSPORT TO PAY SEPARATELY)	SQ.M.	70.46
S1-037	RECONSTRUCT BASE WITH PENETRATION MACADAM USING NOMINAL SIZE 50 MM AGGREGATE AND 19 MM KEY AGGREGATE FROM STOCK PILES, TO A COMPACTED THICKNESS OF 75 MM, ON EXISTING PAVEMENTS. [SSCM 406] (COST OF BINDER, AND AGGREGATE INCLUDING TRANSPORT TO BE PAID SEPARATELY) :	SQ.M.	243.05
S1-038	RECONSTRUCT BASE WITH PENETRATION MACADAM USING NOMINAL SIZE 37.5 MM AGGREGATE AND 12.5 MM KEY AGGREGATE FROM STOCK PILES, TO A COMPACTED THICKNESS OF 55 MM, ON EXISTING PAVEMENTS. [SSCM 406] (COST OF BINDER, AND AGGREGATE INCLUDING TRANSPORT TO BE PAID SEPARATELY) :	SQ.M.	170.68
S1-039	CORRECTION OF CORRUGATIONS, DEPRESSION AND CAMBERING ROAD SURFACES USING ASPHALT CONCRETE COMPACTED BY VIBRATING ROLLER INCLUDING INTERNAL TRANSPORT. (APPLICATION OF TACK COAT AND SUPPLY OF ASPHALT CONCRETE TO BE PAID SEPARATELY) :	M.T.	3,192.96
S1-040* (AMENDED)	SAND SEALING WITH EMULSION CRS-2 AT THE RATE OF 0.8 LTR/SQ.M USING PLANT, AND BLINDING WITH SAND AT THE RATE OF 125 SQ.M/CU.M ON D.B.S.T./S.B.S.T. (TRIPLE SEAL) INCLUDING INTERNAL TRANSPORT [SSCM 504]: (BINDER TRANSPORT TO SITE TO PAY SEPARATELY) (EXCLUDING COST OF EMULSION) :	SQ.M.	70.46

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
S1-041	SLURRY SEALING TO A THICKNESS OF 6 MM USING MACHINERY WITH MODIFIED EMULSION (USING CSS-1) AS THE BINDER (TRANSPORT OF AGGREGATE TO PAY SEPARATELY) : (EXCLUDING COST OF EMULSION) :	SQ.M.	105.96
	SECTION VIII		
	ROAD SURFACE MAINTENANCE		
	<u>INTERNAL TRANSPORT OF HOT BITUMAEN</u> UP TO 16 KM		
Note	TRANSPORTATION TO BE INCLUDED FOR SAND RELATED		
MN1-001	PATCHING WITH HOT BITUMEN USING 14 LITRES PER 1/2 KM (SSCM 1102.1 - 1102.3) (EXCLUDING COST OF BITUMEN) :	1/2 KM	2,457.82
MN1-002	PATCHING WITH HOT BITUMEN USING 21 LITRES PER 1/2 KM (EXCLUDING COST OF BITUMEN) :	1/2 KM	3,686.73
MN1-003	PATCHING WITH HOT BITUMEN USING 28 LITRES PER 1/2 KM (EXCLUDING COST OF BITUMEN) :	1/2 KM	4,915.64
MN1-004	PATCHING WITH HOT BITUMEN USING 35 LITRES PER 1/2 KM (EXCLUDING COST OF BITUMEN) :	1/2 KM	6,144.54
MN1-005	PATCHING WITH HOT BITUMEN USING 42 LITRES PER 1/2 KM (EXCLUDING COST OF BITUMEN) :	1/2 KM	7,373.45
MN1-006	PATCHING WITH HOT BITUMEN USING 49 LITRES PER 1/2 KM (EXCLUDING COST OF BITUMEN) :	1/2 KM	8,602.36
MN1-007	PATCHING WITH HOT BITUMEN USING 56 LITRES PER 1/2 KM (EXCLUDING COST OF BITUMEN) :	1/2 KM	9,831.27
MN1-008	EXTENSIVE PATCHING FOR EVERY ADDITIONAL 7 LTRS. HOT BITUMEN : (EXCLUDING COST OF HOT BITUMEN) :	1/2 KM	1,228.91
MN1-009	PATCHING WITH COLD BITUMEN (CRS-1) USING 14 LITRES PER 1/2 KM : (EXCLUDING COST OF COLD BITUMEN) :	1/2 KM	1,496.63
MN1-010	PATCHING WITH COLD BITUMEN (CRS-1) USING 21 LITRES PER 1/2 KM : (EXCLUDING COST OF COLD BITUMEN) :	1/2 KM	2,244.94
MN1-011	PATCHING WITH COLD BITUMEN (CRS-1) USING 28 LITRES PER 1/2 KM : (EXCLUDING COST OF COLD BITUMEN) :	1/2 KM	2,993.25
MN1-012	PATCHING WITH COLD BITUMEN (CRS-1) USING 35 LITRES PER 1/2 KM : (EXCLUDING COST OF COLD BITUMEN) :	1/2 KM	3,741.57

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
MN1-013	PATCHING WITH COLD BITUMEN (CRS-1) USING 42 LITRES PER 1/2 KM : (EXCLUDING COST OF COLD BITUMEN) :	1/2 KM	4,489.88
MN1-014	PATCHING WITH COLD BITUMEN (CRS-1) USING 49 LITRES PER 1/2 KM : (EXCLUDING COST OF COLD BITUMEN) :	1/2 KM	5,238.19
MN1-015	PATCHING WITH COLD BITUMEN (CRS-1) USING 56 LITRES PER 1/2 KM : (EXCLUDING COST OF COLD BITUMEN) :	1/2 KM	5,986.51
MN1-016	EXTENSIVE PATCHING FOR EVERY ADDITIONAL 7 LTRS. COLD BITUMEN CRS-1: (EXCLUDING COST OF COLD BITUMEN) :	1/2 KM	748.31
MN1-017	50 MM - 19 MM AGGREGATE ROLLER PATCHING :	CU.M.	6,442.24
MN1-018	50 MM - 19 MM AGGREGATE STAMPED PATCHING :	CU.M.	6,840.14
	SECTION IX		
	ROAD SIDE AND DRAINAGE SYSTEM (SSCM 701.3)		
	(*RATE TO INCLUDE SPREADING THE RESULTING MATERIALS SUITABLY IN THE VICINITY UNLESS OTHERWISE DIRECTED)		
DR1-001	CUTTING NEW SIDE DRAINS IN ORD. SOIL : *	CU.M.	1,132.60
DR1-002	CUTTING NEW SIDE DRAINS IN MED. SOIL : *	CU.M.	1,567.23
DR1-003	CUTTING NEW SIDE DRAINS IN HARD SOIL : *	CU.M.	2,001.86
DR1-004	CUTTING NEW SIDE DRAINS IN SOFT ROCK : *	CU.M.	2,219.17
DR1-005	CUTTING NEW SIDE DRAINS IN UNCLASSIFIED SOIL : *	CU.M.	1,567.23
DR1-005A	CUTTING SIDE DRAINES OF STD. DIMENSIONS IN UNCLASSIFIED SOIL USING MACHINE (BACK HOE J.C.B.) INCLUDING SHAPING, TRIMMING AND LEVELLING BOTTOM MANUALLY.	CU.M.	531.71
DR1-006	CUTTING NEW SIDE DRAINS IN ROCK : *	CU.M.	5,534.83
DR1-007	TURFING (EXCLUDING ROYALTY, TRANSPORT AND WATERING & MAINTENANCE) [SSCM 802.3a] :	SQ.M.	269.00
DR1-008	WATERING & MAINTAINING TURE FOR THREE MONTHS INCLUDING TRANSPORT OF WATER :	SQ.M.	417.31
DR1-009	LEVELLING & TRIMMING EARTH : *	SQ.M.	31.81

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
DR1-010	CLEARING SILT ECT. FROM KERBS & CHANNELS [SSCM 12053] : *	M	19.22
DR1-011	CUTTING SCUPPER DRAINS ON ANY SOIL OTHER THAN ROCK TO AN AVERAGE WIDTH OF 0.75 M WITH PROPER GRADIENT AND AVE. DEPTH OF 100 MM [SSCM 1304.3]: *	M	139.42
DR1-012	CLEARING & DESILTING OF CULVERTS [SSCM 1303.3]: *	NO.	392.33
DR1-013	LEVELLING CHOKED CULVERTS (WITH HEAD ROOM > 1 M**) : *	CU.M.	1,628.62
DR1-014	CLEANING DESILTING EXISTING SIDE DRAINS AND LEAD UP DRAINS TO PROPER SHAPE AND GRADIENT AND TRANSPORT OF EXCAVATED MATERIALS FROM ROAD SIDE UP TO 100 M : *	M	48.19
DR1-015	CLEARING INLETS & OUTLETS OF CULVERTS : *	NO.	353.25
	SECTION X		
	BRIDGES, CULVERTS & RETAINING WALLS ETC.		
Note	TRANSPORTATION TO BE INCLUDED FOR SAND RELATED		
ST1-001	DEMOLISHING DRY COURSED MASONRY INCLUDING STACKING OR LOADING.[SSCM 202.2] :	CU.M.	4,853.36
ST1-002	DEMOLISHING COURSED MASONRY IN CEMENT MORTAR INCLUDING STACKING OR LOADING. :	CU.M.	5,650.18
ST1-003	DEMOLISHING RANDOM RUBBLE MASONRY IN CEMENT MORTAR INCLUDING STACKING OR LOADING. :	CU.M.	2,535.34
ST1-004	RANDOM RUBBLE MASONRY, 150-225 MM RUBBLE IN APPROVED CEMENTS & SAND MORTAR 1:6 (EXCLUDING TRANSPORT OF RUBBLE & PILING) [SSCM 1006.3] :	CU.M.	19,605.64
ST1-005	RANDOM RUBBLE MASONRY, 150-225 MM RUBBLE IN APPROVED CEMENTS & SAND MORTAR 1:5 (EXCLUDING TRANSPORT OF RUBBLE & PILING) [SSCM 1006.3]:	CU.M.	20,436.47
ST1-006	RANDOM RUBBLE MASONRY, IN APPROVED CEMENTS & SAND MORTAR 1:6 WITH AVAILABLE RUBBLE 150-225 MM :	CU.M.	14,291.51
ST1-007	RANDOM RUBBLE MASONRY, IN APPROVED CEMENTS & SAND MORTAR 1:6 WITH AVAILABLE RUBBLE 150-225 MM :	CU.M.	15,122.34

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
ST1-008	DRY MASONRY WITH AVAILABLE HEAVY RUBBLE OR BOULDERS [SSCM 1006.3(B)] :	CU.M.	6,972.17
ST1-009	DRY RANDOM MASONRY WITH RUBBLE 150-225 MM EXCLUDING TRANSPORT OF RUBBLE & PILING) :	CU.M.	10,413.43
ST1-010	DRY RANDOM MASONRY WITH AVAILABLE RUBBLE 150-225 MM :	CU.M.	5,577.74
ST1-011	PACKING AVAILABLE RUBBLE AND AGGREGATE FILTER LAYERS BEHIND MASONRY WALLS :	CU.M.	1,429.77
ST1-012	CLAY PUDDLED & LAID BEHIND MASONRY WALLS (EXCL. TRANSPORT OF CLAY) [SSCM 705.3] :	CU.M.	3,621.82
ST1-013	GROUTING COURSED STONE MASONRY JOINTS WITH APPROVED CEMENT & SAND MORTAR 1:3 [SSCM 804.2 (C)] :	SQ.M.	665.00
ST1-014	GROUTING RUBBLE PAVING WITH CONCRETE CLASS C, 1:2:4(19 MM) (EXCL. TRANSPORT OF AGGR. FOR CONCRETE & PILING) :	CU.M.	3,454.71
ST1-015	GROUTING RUBBLE PAVING WITH APPROVED CEMENT & SAND MORTAR (1:3) :	SQ.M.	1,122.30
ST1-016	FORMING WEEP HOLES ON MASONRY CONSTRUCTION (LABOUR ONLY) [SSCM 706.3] :	NO.	495.42
ST1-017	FORMONG WEEP HOLES USING P.V.C PIPES OF INT. DIA. NOT LESS THAN 100 MM. COMPLETE WITH DRIPLEGE AND SURROUND FINISH SMOOTH :	M	1,744.40
ST1-018	SHORING WITH 37.5 MM THICK CLASS II TIMBER PLANKS UP TO 3 M DEPTH :	SQ.M.	1,456.45
ST1-019	SUPPLYING & FIXING CLASS II TIMBER STRUTS ETC. FOR SHORING UP 3 M DEPTH :	CU.DE CI M	107.55
ST1-020	SUPPLYING & FIXING CLASS II TIMBER IN SHORING UP TO 3 M DEPTH (RATE PER AREA BASIS) :	SQ.M.	1,723.71
ST1-021	LIFTING SOIL FOR EVERY 1.5M BEYOND THE INITIAL 1.5M :	CU.M. / LIFT	796.82
ST1-022	LIFTING WEDGE STONES EVERY 1.5 M BEYOND THE INITIAL 1.5 M :	CU.M. / LIFT	2,390.50
ST1-023	LIFTING RUBBLE OR CONCRETE 1.5 M BEYOND THE INITIAL 1.5 M :	CU.M. / LIFT	1,195.23
ST1-024	LOWERING WEDGED STONES EVERY 1.5 M BEYOND THE INITIAL 1.5 M :	CU.M./ LOWER	1,593.64

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
ST1-025	LOWERING RUBBLE OR CONCRETE FOR EVERY 1.5 M BEYOND THE INITIAL 1.5 M :	CU.M./ LOWER	796.82
ST1-026	RENDERING 12.5 MM THICK IN CEMENT SAND MOTAR 1:2 MIX (ROUGH):	SQ.M.	1,137.17
ST1-027	RENDERING 12.5 MM THICK IN CEMENT SAND MOTAR 1:2 MIX (SMOOTH FINISH):	SQ.M.	1,340.27
ST1-028	RENDERING 19 MM THICK IN CEMENT SAND MOTAR 1:2 MIX (ROUGH):	SQ.M.	1,614.28
ST1-029	RENDERING 19 MM THICK IN CEMENT SAND MOTAR 1:2 MIX (SMOOTH FINISH):	SQ.M.	1,817.30
ST1-030	RENDERING 12.5 MM THICK IN CEMENT SAND MOTAR 1:3 MIX (ROUGH):	SQ.M.	1,061.10
ST1-031	RENDERING 12.5 MM THICK IN CEMENT SAND MOTAR 1:3 MIX (SMOOTH FINISH):	SQ.M.	1,285.55
ST1-032	RENDERING 19 MM THICK IN CEMENT SAND MOTAR 1:3 MIX (ROUGH):	SQ.M.	1,487.28
ST1-033	RENDERING 19 MM THICK IN CEMENT SAND MOTAR 1:2 MIX (SMOOTH FINISH):	SQ.M.	1,710.95
ST1-034	GRADE 10 1:4:8 (50MM) (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) (MANUAL) [SSCM 1001.4] :	CU.M.	21,179.58
ST1-035	GRADE 10 1:4:8 (50MM) (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) (USING CONCRETE MIXER) [SSCM 1001.8-1001.9] :	CU.M.	20,926.20
ST1-036	GRADE 10 1:4:8 (50MM) WITH 20% PLUMS (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) (MANUAL)	CU.M.	19,933.07
ST1-037	GRADE 10 (50MM) WITH 20% PLUMS (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) : (USING CONCRETE MIXER)	CU.M.	18,897.20
ST1-038	GRADE 15 (37.5 MM) WITH 20% PLUMS (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) (MANUAL)	CU.M.	21,332.72
ST1-039	GRADE 15 (37.5 MM) WITH 20% PLUMS (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) :(USING CONCRETE MIXER)	CU.M.	20,277.23

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
ST1-040	GRADE 15 (37.5 MM) (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) [SSCM 1001.4] : (MANUAL)	CU.M.	24,619.51
ST1-041	GRADE 15 (37.5 MM) (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) : (USING CONCRETE MIXER)	CU.M.	23,573.96
ST1-042	GRADE 15 (19 MM) (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING): (MANUAL)	CU.M.	25,278.25
ST1-043	GRADE 15 (19 MM) (VOLUME BATCHING) USING CRISHED AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) : (USING CONCRETE MIXER)	CU.M.	24,084.76
ST1-044	GRADE 20 (37.5 MM) (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) : (MANUAL)	CU.M.	27,418.10
ST1-045	GRADE 20 (37.5 MM) (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) : (USING CONCRETE MIXER)	CU.M.	26,646.27
ST1-046	GRADE 20 (19 MM) (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) : (MANUAL)	CU.M.	27,870.37
ST1-047	GRADE 20 (19 MM) (VOLUME BATCHING) USING CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) : (USING CONCRETE MIXER)	CU.M.	27,078.99
ST1-048	MIXING & LAYING USING CONCRETE MIXER (W/BATCHING), CEMENT CONCRETE FOR GRADE 25(19MM) USING CRISHER RUN AGGREGATE IN FOUNDATIONS AND FLOORS. (EXCL. TRANSPORT OF AGGREGATE & PILING) : *	CU.M.	29,191.37
ST1-048A	MIXING & LAYING USING CONCRETE MIXER (W/BATCHING), CEMENT CONCRETE FOR GRADE 25 (70% 37.5+30%19) USING CRISHER RUN AGGREGATES. (EXCL. TRANSPORT OF AGGREGATE & PILING) : *	CU.M.	26,804.52

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
ST1-049	MIXING & LAYING USING CONCRETE MIXER (W/BATCHING), CEMENT CONCRETE FOR GRADE 30(19MM), WITH CRISHER RUN AGGREGATE. (EXCL. TRANSPORT OF AGGREGATE & PILING) : *	CU.M.	33,117.09
ST1-050	MIXING & LAYING USING CONCRETE MIXER (W/BATCHING), CEMENT CONCRETE FOR GRADE 40(19MM), WITH CRISHER RUN AGGREGATE (EXCL. TRANSPORT OF AGGREGATE & PILING) : *	CU.M.	37,008.29
ST1-051	MIXING & LAYING CEMENT CONCRETE BY HAND :	CU.M.	6,925.80
ST1-052	MIXING & LAYING CEMENT CONCRETE BY POWER DRIVEN CONCRETE MIXER V/BATCHING :	CU.M.	5,887.32
ST1-053	CURING OF CONCRETE DECKS, SLABS, BEAMS, WALLS ETC. [SSCM 1011.11] :	SQ.M. / DAY	71.88
ST1-054	FABRICATE & LAY M.S. BARS AS REINFORCEMENT (INCL. TRANSPORT) :	KG	511.52
ST1-055	FABRICATE & LAY TOR STEEL AS REINFORCEMENT (INCL. TRANSPORT) :	KG	511.52
ST1-056	CUTTING & LAYING REINFORCEMENT FABRIC (EXCLUDING COST OF REINFORCEMENT FABRIC) :	SQ.M.	296.62
ST1-057	SUPPLYING & FIXING 25 MM THICK PLANKS OF CLASS II TIMBER AS SHUTTERING, INCLUDING REMOVING [SSCM 1008.3 (b)] :	SQ.M.	1,830.24
ST1-058	SUPPLYING & FIXING CLASS II TIMBER BEARERS, JOISTS, ETC. INCLUDING DISMANTLING IN SHUTTERING [SSCM 1008.3 (a)] :	CU.DE CI M	84.71
ST1-059	100 - 150 MM DIA. ROUND JUNGLE TIMBER SUPPLIED & FIXED AS PROPS. :	M	129.09
ST1-060	150 - 200 MM DIA. ROUND JUNGLE TIMBER SUPPLIED & FIXED AS PROPS. :	M	134.58
ST1-061	FORMWORK SMOOTH FINISH WITH CLASS II TIMBER FOR BRIDGE BEAMS, BRIDGE DECK UNDER SIDES AND SIDES INCLUDING DISMANTLING. [SSCM 1008.3(B)] :	SQ.M.	4,412.29
	CONSIDER A BEAM SECTION 300X450 MM AND 6100 MM LONG.		
ST1-062	FORMWORK SMOOTH FINISH WITH CLASS II TIMBER FOR BRIDGE COLUMN SHAFTS INCLUDING DISMANTLING. [SSCM 1008.3(b)] :	SQ.M.	4,131.87

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
	CONSIDER A COLUMN SECTION 225X225 MM AND 1200 MM HIGH.		
ST1-063	FORMWORK SMOOTH FINISH, USING PLYWOOD (SHUTTER 15 MM) AND CLASS II TIMBER BEARERS, JOISTS AND JUNGLE TIMBER PROPS FOR BRIDGE ABUTMENTS, WINGWALLS ETC. :	SQ.M.	3,999.10
	CONSIDER 2 NO. PANNELS OF 1M X 1M		
ST1-064	SUPPLYING & FIXING 25 MM THICK PLANKS AND STRUTS OF CLASS II TIMBER AS FORMWORK ROUGH FINISH, IN FOUNDATION ETC. INCLUDING REMOVING. [SSCM 1008.3(b)] :	SQ.M.	1,935.55
ST1-065	FORMWORK SMOOTH FINISH FOR GENERAL PURPOSES, USING 25 MM THICK PLANKS & STRUTS OF CLASS II TIMBER AND ROUND JUNGLE TIMBER PROPS 100-150MM DIA., INCLUDING DISMANTLING :	SQ.M.	2,629.50
ST1-066	LAYING & JOINTING 152 MM DIA. CONCRETE PIPES (TRANSPORT AND BEDDING MATERIAL PAID SEPARATELY) [SSCM 707.3(C) - 707.4] :	M	4,501.08
ST1-067	LAYING & JOINTING 229 MM DIA. CONCRETE PIPES (TRANSPORT AND BEDDING MATERIAL PAID SEPARATELY) [SSCM 707.3(C) - 707.4] :	M	5,639.60
ST1-068	LAYING & JOINTING 305 MM DIA. CONCRETE PIPES (TRANSPORT AND BEDDING MATERIAL PAID SEPARATELY) [SSCM 707.3(C) - 707.4] :	M	6,679.90
ST1-069	LAYING & JOINTING 457 MM DIA. CONCRETE PIPES (TRANSPORT AND BEDDING MATERIAL PAID SEPARATELY) [SSCM 707.3(C) - 707.4] :	M	8,455.86
ST1-070	LAYING & JOINTING 610 MM DIA. CONCRETE PIPES (TRANSPORT AND BEDDING MATERIAL PAID SEPARATELY) [SSCM 707.3(C) - 707.4] :	M	13,299.69
ST1-071	LAYING & JOINTING 915 MM DIA. CONCRETE PIPES (TRANSPORT AND BEDDING MATERIAL PAID SEPARATELY) [SSCM 707.3(C) - 707.4] :	M	23,410.43
ST1-072	LAYING & JOINTING 1220 MM DIA. CONCRETE PIPES (TRANSPORT AND BEDDING MATERIAL PAID SEPARATELY) [SSCM 707.3(C) - 707.4] :	M	48,869.71

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
ST1-073	LAYING & JOINTING 152 MM DIA. AVAILABLE CONCRETE PIPES AND COLLARS :	M	935.51
ST1-074	LAYING & JOINTING 229 MM DIA. AVAILABLE CONCRETE PIPES AND COLLARS :	M	994.79
ST1-075	LAYING & JOINTING 305 MM DIA. AVAILABLE CONCRETE PIPES AND COLLARS :	M	1,078.81
ST1-076	LAYING & JOINTING 610 MM DIA. AVAILABLE CONCRETE PIPES AND COLLARS :	M	2,097.50
ST1-077	LAYING & JOINTING 915 MM DIA. AVAILABLE CONCRETE PIPES AND COLLARS :	M	3,601.69
ST1-078	LAYING & JOINTING 1220 MM DIA. AVAILABLE CONCRETE PIPES AND COLLARS :	M	5,153.86
ST1-079	FIXING NEW BRIDE PLANKS RUNNERS AND STACKING OLD PLANKS (AVAILABLE) [SSCM 1402.2(a)] :	NO.	1,247.08
ST1-080	REMOVING & RE-SETTING OLD BRIDE PLANKS :	NO.	779.43
ST1-081	SUPPLYING & FIXING NEW BRIDE PLANKS OF CLASS I TIMBER :	CU.DE CI M	304.42
ST1-082	SUPPLYING & FIXING 31 MM THICK DECK PLANKS OF CLASS I TIMBER :	SQ.M.	11,056.03
ST1-083	FIXING NEW CHEQUERED OR M.S. PLATES ON TIMBER - DECKED BRIDGE. [SSCM 1402.2(d)] :	M	1,839.96
ST1-084	REMOVING & REFIXING NEW CHEQUERED M.S. PLATES ON TIMBER - DECKED BRIDGE. :	M	2,453.28
ST1-085	TIGHTENING BOLTS & NUTS OF CHEQUERED OR M.S. PLATES :	M	428.48
ST1-086	REMOVING & REFIXING 'U' CLIPS. [SSCM 1402.2(b)] :	NO.	261.38
ST1-087	CLEANING, WIRE BRUSHING & PAINTING STEEL WORK, ONE COAT ENAMEL PAINT. :	SQ.M.	458.35
ST1-088	CLEANING, WIRE BRUSHING & APPLYING TAR ON STEEL WORK , ONE COAT :	SQ.M.	269.38
ST1-089	CLEANING WITH COTTON WASTE & PAINTING STEEL WORK WITH ENAMEL PAINT, ONE COAT. :	SQ.M.	319.27
ST1-090	CHIPPING TO BARE METAL ETC. & PAINTING WITH ANTICORROSIVE PAINT, ONE COAT. :	SQ.M.	1,231.22

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
ST1-091	PAINTING WITH ONE COAT OF ENAMEL PAINT AFTER CLEANING, DERUSTING & APPLICATION OF ONE COAT ANTICORROSIVE PAINT.[SSCM 1401.3(C)] :	SQ.M.	986.19
ST1-092	PAINTING WITH TWO COAT OF ENAMEL PAINT AFTER CLEANING, DERUSTING & APPLICATION OF ONE COAT ANTICORROSIVE PAINT. :	SQ.M.	1,260.60
ST1-093	OILING STEEL CABLES ON SUSPENSION BRIDGES [SSCM 1405.3] :	SQ.M.	2,265.38
ST1-094	CLEANING BOOMS OF STEEL BRIDGES INCLUDING SCAFFOLDING WHERE NECESSARY [SSCM 1405.3] :	M	109.51
ST1-095	DEMOLISHING UNREINFORCED CEMENT CONCRETE INCLUDING CLEANING OF DEBRIS IN FOUNDATION AND SUPERSTRUCTURE IN DRY CONDITION EXCLUDING UNDER WATER STRUCTURES. [SSCM 202.2] :	CU.M.	4,271.20
ST1-096	DEMOLISHING REINFORCED CONCRETE AND DEBRIS CLEARED :	CU.M.	6,045.94
ST1-097	DEMOLISHING UNREINFORCED CONCRETE IN VERY HEAVY STRUCTURES BUILD UP OF GRADE 30 ABOVE CONCRETE IN WORK SUCH AS BRIDGE BEAMS & DECK SLABS, INCLUDING COLLECTING & REMOVING :	CU.M.	27,332.98
ST1-098	SUPPLYING & FIXING M.S. DOWELS, SPLICED AND DOVE TAILED WITH WEDGE AT ONE END, 16 MM DIA AND 1 MM LONG, BORING HOLES TO 0.3 M DEPTH IN FIXING :	NO.	1,218.03
ST1-099	SUPPLYING & FIXING M.S. DOWELS, SPLICED AND DOVE TAILED WITH WEDGE AT ONE END, 20 MM DIA AND 1 MM LONG, BORING HOLES TO 0.3 M DEPTH IN FIXING :	NO.	1,603.62
ST1-100	SUPPLYING & FIXING M.S. DOWELS, SPLICED AND DOVE TAILED WITH WEDGE AT ONE END, 25 MM DIA AND 1 MM LONG, BORING HOLES TO 0.3 M DEPTH IN FIXING :	NO.	2,241.26

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
ST1-101	LAYING & SANDARD TYPE ROAD KERBS (125 MM WIDE X 900 MM LONG), SET ON 19 MM THICK 1:3 CEMENT MORTAR LAYER ON 150 MM X 275 MM WIDE 1:2:4 (19) CONCRETE FOUNDATION WITH AVE. 157 MM X 150 MM WIDE BACKING WITH SAME CONCRETE INCLUDING EXCAVATION AND SHUTTERING. (COST OF KERB STONES INCLUDING TRANSPORT AND AGGREGATE * TRANSPORT, TO PAY SEPARATELY) :	M	3,703.68
ST1-102	LAY STANDARD PRECAST BRIDGE KERBS (TYPE DEAWING NO. T/B/106-REV 1 OF RDA) (COST OF PRECAST KERBS INCLUDING TRANSPORT TO BE PAID SEPARATELY) :	LM	706.99
ST1-103	CONSTRUCTING 150 X 150 MM THICK INSITU LOWER KERB IN GRADE 20 (14 MM) CONCRETE FOR BRIDGE: (AGGREGATE TRANSPORT TO BE PAID SEPARATELY)	LM	428.44
ST1-104	LAYING 450 X 450 X 50 MM PRECAST CONCRETE SLABS ON FOOT WALKS INCLUDING AVE. 40 MM THICK 1:3 CEMENT MORTAR BEDDING. (COST OF PRECAST SLABS AND TRANSPORT, TO BE PAY SEPARATELY) :	SQ.M.	2,541.71
ST1-105	LAYING 450 X 450 X 50 MM PRECAST CONCRETE SLABS ON FOOT WALKS INCLUDING AVE. 40 MM THICK SAND BEDDING. (COST OF PRECAST SLABS AND TRANSPORT, TO BE PAY SEPARATELY) :	SQ.M.	1,452.09
ST1-106	FIXING PRECAST HAND RAILING AND UPRIGHTS USING GRADE 25(19) CONCRETE INCLUDING FORM WORK FOR POCKETS. (COST OF THE PRECAST ITEMS INCLUDING TRANSPORT AND AGGREGATE* TRANSPORT, TO PAY SEPARATELY.) [TYPE DRAWING NO. T/B/102/B] :	LM	2,098.46
ST1-107	CONSRUCTION OF R.C.C. GRADE 25(19 MM) END PILLASTER, TYPE I. (AGGR. TRANSPORT AND IRON PILING TO BE PAID SEPARATELY) [TYPE DRAWING NO. T/B/106-REV 1] :	NO.	77,430.92

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
ST1-108	CONSRUCTION OF R.C.C. GRADE 25(19 MM) END PILLASTER, TYPE II. (AGGR. TRANSPORT AND IRON PILING TO BE PAID SEPARATELY) [TYPE DRAWING NO. T/B/106-REV 1] :	NO.	85,695.33
ST1-109	CONSRUCTION OF R.C.C. GRADE 25(19 MM) END PILLASTER, TYPE III. (AGGR. TRANSPORT AND BUILTUP RUBBLE FOUNDATION TO BE PAID SEPARATELY) [TYPE DRAWING NO. T/B/106-REV 1] :	NO.	49,916.27
ST1-110	CONSRUCTION OF R.C.C. GRADE 25(19 MM) END PILLASTER, TYPE IV. (AGGR. TRANSPORT TO BE SEPARATELY) [TYPE DRAWING NO. T/B/106-REV 1] :	NO.	53,919.99
ST1-111	LAYING OF GRADE 20 CONCRETE PRECAST PIN KERBS IN GRADE 20(19) CONCRETE FOUNDATION AS ENDING : (AGGREGATE TRANSPORT TO BE PAID SEPARATELY) :	LM	1,255.42
ST1-112	SUPPLYING & FIXING 25 MM THICK TOUGNE & GROOVED PLANKS WITH 50X50 MM STRUTS OF CLASS I TIMBER IN PANELS AS SMOOTH SHUTTERING FOR CONCRETE DRAINS :	SQ.M.	2,145.67
ST1-113	SUPPLY AND PACKING 50 - 200 MM DRY STONE LINING BEHIND ABUTMENTS AND WING WALLS : (AGGREGARTE TRANSPORT TO PAY SEPARATELY) :	CU.M.	6,980.12
ST1-114	LAYING GEOTEXILE ON PREPARED SURFACE SUPPLY AND TRANSPORT TO PAY SEPARATELY :	SQ.M.	82.93
ST1-115	CONSTRUCTION OF GABION WALL USING 4X1X1M MESH INCLUDING LACING WIRE ON PREPARED GROUND. (SUPPLY AND TRANSPORT OF GABION MESH TO BE PAID SEPARATELY):	CU.M.	11,029.60
ST1-116	CONSTRUCTION OF GABION WALL USING 4X1X0.5M MESH INCLUDING LACING WIRE ON PREPARED GROUND. (SUPPLY AND TRANSPORT OF GABION MESH TO BE PAID SEPARATELY):	CU.M.	11,626.88
ST1-117 (NEW)	CONSTRUCTION OF KERB INLET AS PER DRAWING TYPE - K1/T1 WITH COVER SLABS, AGGREGATE TRANSPORT TO PAY SEPARATELY:	NO.	18,813.60
NOTE :	EARTH EXCAVATION TO CONSIDER BY ENGINEER AS PER SITE CONDITION AND ADD SEPARATELY IF REQUIRED		

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
ST1-118 (NEW)	ADDITIONAL LABOUR FOR POURING, COMPACTING AND LEVELLING CONCRETE IN SCREED UNDER FOUNDATION SLAB :	CU.M.	1,162.42
ST1-119 (NEW)	ADDITIONAL LABOUR FOR POURING & COMPACTING CONCRETE IN ABUTMENT, WINGWALLS, CAPPING BEAMS INCLUDING SCREED OF BRIDGE DECKS. :	CU.M.	341.18
ST1-120 (NEW)	ADDITIONAL LABOUR FOR POURING, COMPACTING AND LEVELLING INFILER CONCRETE BETWEEN BRIDGE BEAMS INCLUDING SCREED OF BRIDGE DECKS. :	CU.M.	1,683.00
ST1-121 (NEW)	LAYING READY MIXED GRADE CONCRETE INCLUDING VIBRATION.* (SUPPLY OF CONCRETE TO BE PAID SEPARATELY) :	CU.M.	2,383.02
ST1-122 (NEW)	SUPPLYING AND LAYING APPROVED HARD RUBBER BEARING PADS 75MM X 12MM OVER CAPPING BEAMS AND UNDER THE APPROACH SLABS :	M	2,828.08
ST1-123 (NEW)	BITUMENOUS SEALING MATERIAL SUPPLIED AND LAID UNDER BEAM ENDS TO PREVENT GROUT LEAK ON TO CAPPING BEAM TRANSPORT OF EMULSION INCLUDING : (EXCLUDING COST OF EMULSION) :	M	209.38
ST1-124 (NEW)	230 MM DIA. PLYTHENE DISPLACES SUPPLIED AND FILLED WITH SAW DUST OR SIMILAR LIGHT MATERIAL IN DECK. TRANSPORT OF SAW DUST TO BE PAY SEPARATELY :	M	127.14
ST1-125 (NEW)	325 MM DIA. PLYTHENE DISPLACES SUPPLIED AND FILLED WITH SAW DUST OR SIMILAR LIGHT MATERIAL IN DECK. TRANSPORT OF SAW DUST TO BE PAY SEPARATELY :	M	191.65
ST1-126 (NEW)	PCC BEAMS (10.55 TO 13.5M) LAUNCHED INTO POSITION :	M	17,429.41
ST1-127 (NEW)	M.S. ANGLE IRON AND HARD RUBBER EXPANSION JOINTS AS PER DRAWING NO. T/B/107 REV.1 :	M	13,544.12
	SECTION XI		
	<u>KILOMETRE POSTS AND GUARD STONES</u>		
RF1-001	WHITE WASHING, TWO COATS TO GUIDE/GUARD STONE :	NO.	91.96

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
RF1-002	WHITE WASHING, TWO COATS K.M.STONES INC. NUMBERING & TAR SKIRTING :	NO.	984.34
RF1-003	PAINTING WHITE BACK GROUND ON PARAPETS ETC. & STENCILLING NOS. :	NO.	408.12
RF1-004	FIXING GUARD STONES IN ANY SOIL :	NO.	281.88
RF1-005	CASTING STD. K.M. STONES WITH R.C.C. [1:2:4 (19 MM) & CEMENT 282.5 KG/CU.M], INCLUDING CURING, FOR "A" AND "B" CLASS ROADS :	NO.	9,332.52
RF1-006	CASTING STD. K.M. STONES WITH R.C.C. [1:2:4 (19 MM) & CEMENT 282.5 KG/CU.M], INCLUDING CURING, FOR "C" AND "D" CLASS ROADS :	NO.	6,216.00
RF1-007	FIXING STANDARD TYPE K.M. STONE IN ANY SOIL :	NO.	2,100.31
RF1-008	FIXING NEW OR REFIXING TYPE GUARD STONE CEMENT CONCRETE [1:3:6 (37.5 MM) AND CEMENT 219 KG/CU.M] WITH MIN. COVER 75MM X 300MM DEPTH :	NO.	1,266.66
RF1-009	CASTING STANDARD TYPR GUARD STONES IN CONCRETE [1:2:4(19 MM) & CEMENT 282.5 KG/CU.M :	NO.	3,131.41
RF1-009A	CASTING STANDARD TYPR GUARD STONES IN CONCRETE G25(19) AS PER DRAWING NO. T/B/100-REV 1, FOR BRIDGES & CULVERTS :	NO.	4,946.01
RF1-010	ROUTE NUMBERING WITH REFLECTIVE PAINT ON 2 SIDES	NO.	787.13
RF1-011	CASTING STANDARD BOUNDARY MARKERS IN REINFORCED CONCRETE [1:2:4(19 MM)] WITH ADMIXTURES, INCLUDING 14 DAYS CURING AND LOADING TO VEHICLES AT YARD (AGGREGATE TRANSPORT TO PAY SEPARATELY) :	NO.	3,466.75
	SECTION XII		
	<u>NOTICE BOARDS & SIGN BOARDS</u>		
	[SSCM 810.2 AND 1501.3]		
	(ALL PAINTS SHOULD CONFORM TO THE REQUIREMENTS OF S.L.S. AS GIVEN IN SSCM 1707)		
RS1-001	NOTICE & TRAFIC SIGN BOARDS ETC. FIXED IN CONCRETE [1:3:6(35.7 MM) AND CEMENT 219 KG/CU.M), (EXCLUDING TRANSPORT OF AGGREGATE) :	NO.	2,247.91

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
RS1-002	CLEANING WHITE WASHING 2 COAT TOWN NAME BOARDS (INC. TAR SKIRT) :	NO.	509.57
RS1-003	CLEANING, PAINTING ONE COAT & ERLETTERING ETC.TOWN TRAFIC SIGN BOARDS INC. PAINT POST IN B/W :	NO.	3,014.53
RS1-004	CLEANING AND PAINTING ONE COAT ON NOTICE BOARD:	SQ.M.	546.70
RS1-005	LETTERING & NUMBERING BELOW 50 MM :	NO.	66.51
RS1-006	LETTERING & NUMBERING 50 MM - 75 MM	NO.	79.81
RS1-007	LETTERING & NUMBERING 75 MM - 150 MM :	NO.	99.77
RS1-008	LETTERING & NUMBERING 150 MM - 225 MM :	NO.	133.02
RS1-009	PAINTING 2 COATS CONTINUOUS CENTRE LINE, 100 MM WIDE WITH ENAMEL PAINT :	M	201.56
RS1-010	PAINTING 1 COAT CONTINUOUS CENTRE LINE, 100 MM WIDE WITH ROAD MARKING PAINT (WHITE) :	M	211.53
RS1-0011	PAINTING 2 COATS BROKEN CENTRE LINE, 100 MM WIDE WITH ENAMEL PAINT :	M	180.45
RS1-012	PAINTING 1 COAT BROKEN CENTRE LINE, WITHOUT REFELECTIVE STUDS), 100 MM WIDE, AT 3 METRE INTERVALS WITH ROAD MARKING PAINT (WHITE) :	M	188.49
RS1-013	BARRICADING WITH EMPTY (HOT TAR) BARRELS INCLUDING WHITE WASHING, TRANSPORTING AND COST OF BARRELS :	NO.	550.07
RS1-014	REVETTMET TO BANKS ETC. WITH EMPTY BARRELS IN HORIZONTAL TIERS WITH VERTICAL BATTER (1:8), INCLUDING TRANSPORT OF BARRELS :	NO.	833.27
RS1-015 (AMENDED)	ROAD MARKING CONTINUOUS CENTRE LINE 100 MM WIDTH, USING THERMOPLASTIC PAINT(WHITE), INCLUSIVE BARRICADING :	SQ.M.	369.78
	(PAINT MATERIAL AND REFLECTIVE GLASS BEADS TO PAY SEPARATELY)		
NOTE * :	1 KG OF THERMOPLASTIC PAINT COVERS 0.28 SQ.M AREA AT 1.5 MM THICKNESS		
	25 KG OF GLASS BEADS IS SUFFICIENT FOR 100 SQ.M OF CENTRE LINE.		

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
RS1-016 (AMENDED)	ROAD MARKING, STANDARD PEDESTRIAN CROSSING, USING THERMOPLASTIC PAINT(WHITE), INCLUSIVE BARRICADING :	M	813.33
	(PAINT MATERIAL AND REFLECTIVE GLASS BEADS TO PAY SEPARATELY)		
NOTE * :	1 KG OF THERMOPLASTIC PAINT COVERS 0.28 SQ.M AREA AT 1.5 MM THICKNESS		
	6 KG OF GLASS BEADS IS SUFFICIENT FOR 15 METRE LONG STANDARD CROSSING.		
RS1-017A	SUPPLYING AND PAVING IMTER LOCKING 210 X 110 X 60MM (15N/mm ²)BLOCKS IN 1:2:4(12.5MM) CEMENT CONCRETE BLOCKS (EXCLUDING BLOCKS TRANSPORT((TRANSPORT SCHEDULED TO MAIN TOWN OF EACH DISTRICT)	SQ.M	4,332.93
RS1-017B	SUPPLYING AND PAVING IMTER LOCKING 210 X 110 X 80MM (40N/mm ²)BLOCKS IN 1:2:4(12.5MM) CEMENT CONCRETE BLOCKS (EXCLUDING BLOCKS TRANSPORT) (TRANSPORT SCHEDULED TO MAIN TOWN OF EACH DISTRICT)	SQ.M	6,273.55
RS1-017C	SUPPLYING AND PAVING IMTER LOCKING 210 X 110 X 80MM (30N/mm ²)BLOCKS IN 1:2:4(12.5MM) CEMENT CONCRETE BLOCKS (EXCLUDING BLOCKS TRANSPORT) (TRANSPORT SCHEDULED TO MAIN TOWN OF EACH DISTRICT)	SQ.M	5,281.68
	SECTION XIII		
	MISCELLANEOUS		
MS1-001	PREPARING, STOCK PILING PREMIX USING PEN. GRADE BITUMEN (EXCL. TRANSPORT OF AGGREGATE) (SITE MADE) : (EXCLUDING COST OF BITUMEN) :	CU.M.	17,622.19
MS1-002	PATCHING SHALLOW HOLES, DEPTH LESS THAN 20MM USING HOT BITUMEN 1.2 LTR/SQ.M AND 12.5 MM CHIPS SINGLE SIZE AT THE RATE OF 13.75 CU.DECI M/SQ.M INCLUDING HAND TAMPING (RATE EXCLUDES COST OF BITUMEN AND INCLUDES COST OF MATERIALS)(EXCL. TRANSPORT OF AGGREGATE & BITUMEN) :	SQ.M.	251.88

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
MS1-003	PATCHING SHALLOW HOLES, DEPTH LESS THAN 20 MM USING 10% - 20% CUT BACK BITUMEN 1.2 LTR/SQ.M AND 12.5 MM CHIPS SINGLE SIZE AT THE RATE OF 13.75 CU.DECI M/SQ.M INCLUDING HAND TAMPING (RATE EXCLUDES COST OF BITUMEN AND INCLUDES COST OF MATERIALS) (EXCL. TRANSPORT OF AGGREGATE & BITUMEN) :	SQ.M.	248.34
MS1-004	PATCHING SHALLOW POT HOLES, DEPTH LESS THAN 20 MM USING EMULSION(CRS 1) AT THE RATE OF 1.2 LTR/SQ.M AND 12.5 MM CHIPS SINGLE SIZE AT THE RATE OF 13.75 CU.DECI M/SQ.M INCLUDING HAND TAMPING, TRANSPORT EMULSION TO SITE ETC. (RATE EXCLUDES COST OF BITUMEN AND INCLUDES COST OF MATERIALS)(EXCL. TRANSPORT OF AGGREGATE) :	SQ.M.	248.34
MS1-005	PATCHING POT HOLES OF MEDIUM DEPTH OF 20-75 MM WITH PREMIX MATERIAL (SITE MADE) USING CUT BACK BITUMEN 10-20% AT THE RATE OF 83.5 CU.M OF 19 MM AND DOWN GAUGE STONE AGGREGATE INCLUDING PREPARATION OF SURFACE, TACK COAT WITH 30% CUT BACK BITUMEN AT .75 LTR/SQ.M, TRIMMING SIDES, LAYING PREMIX, TAMPING ETC. COMPLETE. (RATE INCLUSIVE OF PREMIX MADE AT SITE & TACK COAT) (EXCL. TRANSPORT OF AGGREGATE) : (EXCLUDING COST OF BITUMEN) :	SQ.M.	1,696.73
MS1-006	PATCHING POT HOLES USING PLANT MADE PREMIX BOUND INCLUDING SEALING THE PATCHING WITH EMULSION (CRS-1) PAINTING @ 7.3 LTR/M.TON, COVER WITH SAND (TRANSPORT OF PREMIX PAID SEPARATELY):(EXCLUDING COST OF EMULSION) :	M.T.	25,325.01

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
MS1-007	PATCHING POT HOLES OF MEDIUM DEPTH OF 20-75 MM USING GRADED AGGREGATE 19-12.5 MM USING HOT BITUMEN 1.75 LTR/SQ.M COVERED WITH BLOTTON MATERIAL AT THE RATE OF 1 CU.M/125 SQ.M, INCLUDING PREPARATION OF SURFACE TACK COAT WITH 30% CUT BACK BITUMEN AT .75 LTR/SQ.M, TRIMMING SIDES, LAYING AGGREGATE, TAMPING ETC. COMPLETE (RATE INCLUSIVE OF AGGREGATE BUT EXCL. TRANSPORT OF AGGREGATE & BITUMEN) : (EXCLUDING COST OF BITUMEN) :	SQ.M.	1,362.89
MS1-008	PATCHING DEEP POT HOLES DEEPER THAN 75 MM WITH C/B PREMIX MATERIAL (SITE MADE) TO A DEPTH OF 37.5 MM (OVER THE ALREADY PREPARED SURFACE WITH AGGREGATE AND GRAVEL PAID SEPARATELY) USING 10-20% CUT BACK BITUMEN AT THE RATE OF 83.5 LTR/CU.M OF 19 MM AND DOWN GRADED AGGREGATE INCL. PREPARATION OF SURFACE, TACK COAT WITH 30% CUT BACK BITUMEN AT .75 LTR/SQ.M, TRIMMING SIDES, LAYING PREMIX, TAMPING ETC. COMPLETE (RATE INCLUSIVE OF PREMIX MADE AT SITE AND TACL COAT) (EXCL. TRANSPORT OF AGGREGATE & BITUMEN) :(EXCLUDING COST OF BITUMEN) :	SQ.M.	1,002.79
MS1-009	PATCHING POT HOLES MORE THAN 75 MM DEEP WITH WATER BOUND GRAVEL MATERIAL USING 50 MM OR 12.5 MM SINGLE SIZE AGGREGATE ALONG WITH USEABLE OLD AGGREGATE OBTAINED FROM PICKING AND PREPARATION OF SURFACE INC. LAYING, WATERING, SPREADING GRAVEL OF APPROVED QUALITY AND TAMPING AS DIRECTED. (AGGREGATE AND GRAVEL WOULD BE PAID SEPARATELY) :	SQ.M.	77.54

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
MS1-010	PATCHING RUTS AND DEPRESSIONS UPTO 75 MM DEPTH USING SITE MADE COLD MIX (CUT BACK) MATERIAL WITH THE SURFACE AND EDGE PREPARED AS PER SPECIFICATIONS AND APPLICATION OF TACK COAT WITH 30% CUT BACK BITUMEN AT .75 LTR/SQ.M, (EXCL. TRANSPORT OF AGGREGATE) : (EXCLUDING COST OF BITUMEN) :	SQ.M.	1,474.19
MS1-011	PATCHING RUTS AND DEPRESSIONS UPTO 75 MM DEPTH USING PLANT MADE COLD MIX (CUT BACK) MATERIAL WITH THE SURFACE AND EDGE PREPARED AS PER SPECIFICATIONS AND APPLICATION OF TACK COAT WITH 30% CUT BACK BITUMEN AT .75 LTR/SQ.M, (COLD MIX TRANSPORT WILL BE PAIDSEPARATELY): (EXCLUDING COST OF BITUMEN) :	SQ.M.	2,390.97
MS1-012	PATCHING RUTS AND DEPRESSIONSDEEPER THAN 75 MM THE SURFACE AND EDGE PREPARED AS PER SPECIFICATIONS TACK COAT WITH 30% CUT BACK BITUMEN AT .75 LTR/SQ.M, TRIMMING SIDES 50 MM DOWN GAUGE AGGREGATED LAID AND COMPACTED AND THE TOP 40 MM LAID AND COMPACTED WITH COLD MIX (CUT BACK) MATERIAL (AGGREGATE 50 MM DOWN GAUGE AND TRANSPORT WILL BE PAID SEPARATELY) :(EXCLUDING COST OF BITUMEN) :	SQ.M.	1,435.53
MS1-013	PATCHING RUTS AND DEPRESSIONS UPTO 75 MM DEPTH THE SURFACE AND EDGES PREPARED AS PER SPECIFICATIONS AND APPLICATION OF TACK COAT WITH 30% CUT BACK BITUMEN AT .75 LTR/SQ.M, 50 MM DOWN GAUGE AGGREGATED LAID AND COMPACTED USING HOT BITUMEN (1.75 LTR/SQ.M COVERED WITH BLOTTEN MATERIAL (SAND) AT THE RATE OF 1 CU.M/125 SQ.M (AGGREGATE WILL BE PAID SEPARATELY) : (EXCLUDING COST OF BITUMEN) :	SQ.M.	1,067.20

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
MS1-014	PATCHING RUTS AND DEPRESSIONS DEEPER THAN 75 MM DEPTH THE SURFACE AND EDGES PREPARED AS PER SPECIFICATIONS AND APPLICATION OF TACK COAT WITH 30% CUT BACK BITUMEN AT .75 LTR/SQ.M, 50 MM DOWN GAUGE AGGREGATED LAID AND COMPACTED USING HOT BITUMEN (1.75 LTR/SQ.M COVERED WITH BLOTTEN MATERIAL (SAND) AT THE RATE OF 1 CU.M/125 SQ.M (AGGREGATE WILL BE PAID SEPARATELY) : (EXCLUDING COST OF BITUMEN) :	SQ.M.	1,241.06
MS1-015M	CORRECTING & STRENGTENING THE EDGES OF ROAD BY COLD MIX 40 MM THICK PREPARED USING CUT BACK BITUMEN 10-20% AT THE RATE OF 83.5 LTR/CU.M OF 19 MM AND DOWN GAUGE AGGREGATE OVER A TACK COAT USING WITH 30% CUT BACK BITUMEN AT .75 LTR/SQ.M, LAID OVER 50 MM AND COMPACTED INCLUDING EARTH WORK EXCAVATION TO A WIDTH OF 225 MM AND DEPTH OF 125 MM. (COST OF AGGREGATE AND TRANSPORT TO BE PAID SEPARATELY) :(EXCLUDING COST OF BITUMEN) :	SQ.M.	1,816.88
MS1-016	CORRECTING & STRENGTENING THE EDGES OF ROAD BY COLD MIX 40 MM THICK PREPARED USING CUT BACK BITUMEN 10-20% AT THE RATE OF 83.5 LTR/CU.M OF 19 MM AND DOWN GAUGE AGGREGATE OVER A TACK COAT USING WITH 30% CUT BACK BITUMEN AT .75 LTR/SQ.M, LAID OVER 50 MM AND DOWN GAUGE AGGREGATE LAID, ONPOSITION WATERED AND COMPACTED WITH A BOTTOM LAYER OF 100 MM AGGREGATE CLOSELY PACT, INCLUDING EARTH WORK EXCAVATION TO A WIDTH OF 225 MM AND DEPTH OF 225 MM. (AGGREGATE 100MM, 50MM DOWN GAUGE AND TRANSPORT WILL BE PAID SEPARATELY) :(EXCLUDING COST OF BITUMEN) :	SQ.M.	2,162.56

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
MS1-017	PATCHING SEALING WITH EMULSION PAINTING THE SURFACE BY SPRAY OF CRS-1 AT THE RATE OF 0.75 LTR/SQ.M SQUEEGING THE EMULSION AND SPREADING THE BLOTTON MATERIAL (SAND) AT THE RATE OF 1 CU.M/125 SQ.M : (EXCLUDING COST OF EMULSION) :	SQ.M.	86.87
MS1-018	PATCHING SEALING WITH HOT BITUMEN PAINTING THE SURFACE BY USING 0.75 LTR/SQ.M SQUEEGING THE BITUMEN AND SPREADING THE BLOTTON MATERIAL (SAND) AT THE RATE OF 1 CU.M/125 SQ.M (TRANSPORT OF BITUMEN PAID SEPARATELY) : (EXCLUDING COST OF BITUMEN) :	SQ.M.	89.27
MS1-019	PATCH SEALING OF PITTED SURFACE USING HOT SAND BITUMEN MIX 104 LTR/CU.M OF SAND SPEAD AND HAND TAMPED INCLUDING BRUSHING AND CLEANING THE SURFACE BEFORE APPLICATION (EXCLUDING TRANSPORT OF BITUMEN) : (EXCLUDING COST OF BITUMEN) :	SQ.M.	233.58
MS1-020	PATCH SEALING OF PITTED SURFACE WITH A EMULSION SAND SLURRY USING CRS 1 OR 2 AT THE RATE OF 136.5 LTR/CU.M OF SAND MIX PROPERLY LAID, LEVELLED & SQUEEGED INCLUDING BRUSHING AND CLEANING THE SURFACE BEFORE APPLICATION : (EXCLUDING COST OF EMULSION) :	SQ.M.	211.86
MS1-021	GENERAL UPKEEP OF ROAD SIDES INCLUDING MAINTAINING THE RIGHT OF WAY IN A NEAT CONDITION BY TRIMMING, WEEDING & CLEARING OF THE ROAD SIDES, DRAINS, DRAINAGE STRUCTURES, SCUPPER DRAINS AND CLEANING MINOR SLIPS :	SQ.M.	38.50
MS1-022	CLEANING ORDINARY JUNGLE INCLUDING REMOVING HIGH GROWING PLANTS AND TREES OF GIRTH LESS THAN 300 MM OTHER THAN THOSE DESIGNATED TO REMAIN, BY UPROOTING OR BY CUTTING AND THEN UPROOTING THE STUMPS OR BY CUTTING ONLY AS DIRECTED (SSCM 1203.2) :	SQ.M.	4.72

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
MS1-023	CLEANING MEDIUM JUNGLE INCLUDING REMAINING ALL HIGH GROWING PLANTS AND TREES OF GIRTH LESS THAN 300 MM OTHER THAN THOSE DESIGNATED TO REMAIN, BY UPROOTING OR BY CUTTING AND THEN UPROOTING THE STUMPS OR BY CUTTING ONLY AS DIRECTED :	SQ.M.	6.56
MS1-024	CLEANING HEAVY JUNGLE INCLUDING REMOVING ALL HIGH GROWING PLANTS AND TREES OF GIRTH LESS THAN 300 MM OTHER THAN THOSE DESIGNATED TO REMAIN, BY UPROOTING OR BY CUTTING AND THEN UPROOTING THE STUMPS OR BY CUTTING ONLY AS DIRECTED :	SQ.M.	8.40
MS1-025	REPAIRS TO DAMAGE OF SHOULDERS VERGES AND EMBANKMENTS SLOPES INCLUDING MAKING GOOD DEPRESSIONS, RUTS, HOLES AND ERROSION PATH WITH APPROVED GRAVELLY SOIL AND COMPACTING THE SAME WITH ROLLER (8-10 TON) AS DIRECTED (GRAVELLY SOIL BE PAID SEPARATELY IF BROUGHT FROM OUTSIDE) [SSCM 1201.3] :	CU.M.	792.40
MS1-026	REGRAIDING AND REGRAVELLING OF SHOULDERS WITH GRAVEL OF APPROVED QUALITY, DULY COMPACTED WITH ROLLER (8-10 TONS) AS DIRECTED FOR REPAIRING HIGH SIDES CAUSED BY HEAVYINGS DEPOSITS AND CONSTRUCTION DEBRIS, TO REQUIRED LEVELS BY USING A GRADER (120-140 HP) (GRAVEL BE PAID FOR SEPARATELY) [SCM 1201.3(b)] :	CU.M.	440.99
MS1-027	REGRAIDING AND REGRAVELLING OF SHOULDERS WITH GRAVEL OF APPROVED QUALITY, DULY COMPACTED WITH ROLLER (8-10 TONS) AS DIRECTED FOR REPAIRING HIGH SIDES CAUSED BY HEAVYINGS DEPOSITS AND CONSTRUCTION DEBRIS, TO REQUIRED LEVELS BY MANUALLY ((GRAVEL (LOOSE VOLUME) PAID SEPARATELY) [SCM 1201.3(b)] :	CU.M.	872.15

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
MS1-028	REPLACING THE DAMAGE CRACKED CONCRETE SLABS IN THE FOOT WALKS WITH PRECAST/CAST INSITY CEMENT CONCRETE 1:2:4 (19MM) USING 19 MM & DOWN GAIGE STONE AGGREGATE TO A MINIMUM THICKNESS OF 50 MM INCLUDING FIXING / LAYING IN POSITION WITH CEMENT MORTAR 1:3 JOINTS OVER A COMPACTED BED ETC. (EXCLUDING TRANSPORT OF AGGREGATE) [SCM 1204.3] :	SQ.M.	3,379.93
MS1-029	CUTTING AND REMOVING FALLEN TREES UPTO 600MM GIRTH INCLUDING CUTTING INTO REQUIRED NUMBER OF PIECES INCLUDING DISPOSAL AS DIRECTED. MINIMUM PIECE SHALL NOT BE LESS THAN 2.5 M IN LENGTH [SSCM 1203.2] :	NO.	986.56
MS1-030	CUTTING AND REMOVING FALLEN TREES UPTO 600 - 900 MM GIRTH INCLUDING CUTTING INTO REQUIRED NUMBER OF PIECES INCLUDING DISPOSAL AS DIRECTED. MINIMUM PIECE SHALL NOT BE LESS THAN 2 M. [SSCM 1203.2] :	NO.	1,409.38
MS1-031	WEEDING MASONRY CULVERTS SMALL BRIDGES AND RETAINING WALLS [SSCM 1303.3] :	NO.	356.00
MS1-032	MASONRY RANDOM RUBBLE WITH BOULDERS INCLUDING COLLECT [SSCM 1006.3(b)] :	CU.M.	1,844.12
MS1-033	FIXING CATS EYES IN TAR MACADAM INCLUDING BREAKING ROAD SURFACE, BARRICADE ETC. [SSCM 810.3(C)] :	NO.	523.10
MS1-034	REDUCING HIGH SIDES IN ORDINARY SOIL [SSCM 301.3/1201.3(c)] :	CU.M.	849.82
MS1-035	REDUCING HIGH SIDES IN MEDIUM SOIL :	CU.M.	1,248.23
MS1-036	REDUCING HIGH SIDES IN HARD SOIL :	CU.M.	1,646.64
MS1-037	REDUCING HIGH SIDES IN SOFT ROCK :	CU.M.	2,045.05
MS1-038	REDUCING HIGH SIDES IN ROCK REQUIRING BLASTING :	CU.M.	4,925.68
MS1-039	WHITE WASHING 1 COAT TO PARAPETS OF BRIDGES AND CULVERTS. [SSCM 1403.3(e)] :	SQ.M.	63.03
MS1-040	WHITE WASHING 2 COATS TO PARAPETS OF BRIDGES AND CULVERTS :	SQ.M.	105.41

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
MS1-041	WHITE WASHING 1 COAT TO PARAPETS OF BRIDGES AND CULVERTS AFTER CLEANING ATTENDING TO MINOR REPAIRS :	SQ.M.	125.47
MS1-042	WHITE WASHING 2 COATS TO PARAPETS OF BRIDGES AND CULVERTS AFTER CLEANING ATTENDING TO MINOR REPAIRS :	SQ.M.	170.34
MS1-043	PAINTING WITH EMULSION 1 COAT TO PARAPETS OF BRIDGES AND CULVERTS, GUARD STONES AND K.M. POSTS AFTER CLEANING ATTENDING TO MINOR REPAIRS [SSCM 1501.3(a)-(v)] :	SQ.M.	419.07
MS1-044	PAINTING WITH ENAMEL 1 COAT TO PARAPETS OF BRIDGES AND CULVERTS, GUARD STONES AND K.M. POSTS AFTER CLEANING ATTENDING TO MINOR REPAIRS [SSCM 1501.3(a)-(v)] :	SQ.M.	441.51
MS1-045	PAINTING WITH ENAMEL 2 COATS TO PARAPETS OF BRIDGES AND CULVERTS, GUARD STONES AND K.M. POSTS AFTER CLEANING ATTENDING TO MINOR REPAIRS [SSCM 1501.3(a)-(v)] :	SQ.M.	708.78
MS1-046	PAINTING WITH EMULSION 2 COATS TO PARAPETS OF BRIDGES AND CULVERTS, GUARD STONES AND K.M. POSTS AFTER CLEANING ATTENDING TO MINOR REPAIRS :	SQ.M.	699.78
MS1-047	PAINTING 1 COAT EMULSION PAINT TO PARAPETS OF BRIDGES AND CULVERTS, GUARD STONES AND K.M. POSTS INCLUDING PREPARING SURFACE OF OLD WORK. [SSCM 1501.3(b)(v)] :	SQ.M.	359.87
MS1-048	PAINTING SUB COAT EMULSION PAINT TO PARAPETS OF BRIDGES AND CULVERTS, GUARD STONES AND K.M. POSTS INCLUDING PREPARING SURFACE [SSCM 1501.3(b)] :	SQ.M.	316.23
MS1-049	PAINTING 1 COAT EMULSION PAINT TO PARAPETS OF BRIDGES AND CULVERTS, GUARD STONES AND K.M. POSTS INCLUDING PREPARING SURFACE OF NEW WORK. [SSCM 1501.3(b)(v)] :	SQ.M.	342.00
MS1-050	CLEANING & PAINTING 100 MM WIDE STRIPE FOR SKIRTING TO GUARD STONES. [SSCM 1501.3(b)(v)] :	LM	117.37
MS1-051	PAINTING 2 COATS STANDARD PEDESTRIAN CROSSING FOR CARRIAGEWAY. [SSCM 810.2(c)] :	LM	3,416.33

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
MS1-052	PAINTING 1 COAT STANDARD PEDESTRIAN CROSSING FOR CARRIAGEWAY USING ROAD MARKING PAINT. [SSCM 810.2(c)] :	LM	3,858.89
MS1-053	ERECTING, BARRICADING IN JUNGLE TIMBER 75 - 100 MM DIA. VERTICAL POSTS AT .9 M CENTRES AND 1.2 M ABOVE GROUND INCLUDING WHITE WASHING. [SSCM 1709] :	LM	884.63
MS1-054	TEMPORARY SCAFFOLDING FOR PAINTING OR TARRING BRIDGES AND FOR WEEDING ON BRIDGES OR RETAINING WALL INCLUDING DISMANTLING AFTER WORK [SSCM 1008.3(a)] :	SQ.M.	184.73
MS1-055	ROUGHNING EXISTING SMOOTH TARRED METALLED CARRIAGEWAY BY HAND FOR BONDING, COLLECTING DISPOSAL OF ALL LOOSE MATERIALS. [SSCM 403.3(b)] :	SQ.M.	26.45
MS1-056	SUPPLY OF DIESEL FOR MACHINERIES : (EX FILLING STATION)	LTR	310.00
MS1-057	PATCHING ROAD WITH PREMIX (LOOSE VOLUME) AFTER PREP. SURFACE WITH EMULSION (CSS-1) AT .75 LTR/SQ.M AS TACK COAT, INCLUDING INTERNAL TRANSPORT AND HAND STAMPING. (SUPPLY OF PREMIX (LOOSE VOL.) PAID SEPARATELY) [SSCM 1102.3(b)(i)] :(EXCLUDING COST OF EMULSION) :	CU.M.	9,788.87
MS1-058	PATCHING ROAD WITH PREMIX AFTER PREPARING SURFACE WITH EMULSION (CSS-1) AT .75 LTR/SQ.M AS TACK COAT, INCLUDING INTERNAL TRANSPORT AND HAND STAMPING. (SUPPLY OF PREMIX (LOOSE VOL.) PAID SEPARATELY) [SSCM 1102.3(b)(i)] : (EXCLUDING COST OF EMULSION) :	M.T.	9,356.02
MS1-059	PAINTING TWO COATS ENAMEL PAINT ON KERBS, AFTER CLEANING AND PERPARING SURFACING. :	SQ.M.	699.01
MS1-060	PREPARING AND STOCK PILING PREMIX AT SITE USING 12.5 MM AGGREGATE AND EMULSION CSS-1 (EXCLUDING TRANSPORT OF AGGREGATE) : (EXCLUDING COST OF EMULSION) :	CU.M.	27,786.06
MS1-061 (NEW)	BREAKING MANUALLY ASPHALT LAYER 2" - 3" THICK ON THE CARRIAGEWAY FOR KERB LAYING :	M	645.96

<u>CODE</u>	<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>	<u>AMOUNT</u>
	SECTION XIV		
	<u>SURVEYING, LEVELLING AND DAYWORKS</u>		
SV1-001	SUPPLY OF UNSKILLED LABOUR :	DAY	2,200.00
SV1-002	SUPPLY OF SEMISKILLED LABOUR :	DAY	2,400.00
SV1-003	SUPPLY OF SKILLED 'A' GRADE LABOUR :	DAY	2,900.00
SV1-004	SUPPLY OF SKILLED 'B' GRADE LABOUR :	DAY	2,700.00
SV1-005	CLEARING JUNGLE (LIGHT) TO A WIDTH OF 1.22 M FOR SURVEY WORK :	KM	8,403.73
SV1-006	CLEARING JUNGLE (MEDIUM) TO A WIDTH OF 1.22 M FOR SURVEY WORK :	KM	11,204.97
SV1-007	CLEARING JUNGLE (HEAVY) TO A WIDTH OF 1.22 M FOR SURVEY WORK :	KM	16,807.45
SV1-008	SUPPLY OF LABOUR FOR CLEANING AND CUTTING PEGS AND PEGGING :	KM	2,291.93
SV1-009	LEVELLING CHAINING AND PEGGING AND ESTABLISHING BENCH MARKS ON CONCRETE ROCK OR PEGS AND CHECKING BACK LEVELS :	KM	4,583.85
SV1-010	SURVEYING INCLUDING FIXING PICKETS & TAKING ANGLES :	KM	4,583.85
SV1-011	CHANGING TRAVERSE LINES AND TAKING OFF-SETS :	KM	6,111.80
	****END*****		