

**SCHEDULE 'A' TO ACCOMPANY THE TENDER SCHEDULE FOR THE WORK OF  
“CONSTRUCTION OF A BRIDGE AT KM.**

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
1	Cubic metre	Earthwork excavation in all classes of soils such as hard stiff clay, stiff black cotton, hard red earth, shales, murrum, gravel, stoney earth etc., and depositing on bank with all leads and lifts and all other incidental charges such as baling out water, shoring, strutting, walling and forming protective bunds, wherever necessary etc., complete as per standard specification for dressing the bed upto sill level.	304			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
2	Cubic metre	Earthwork excavation in all classes of soils except hard rock requiring blasting and depositing on bank with all leads and lifts as per SS20B including cost of all labour materials, tools, equipments and all incidental charges and sheeting, shoring and bracing and their subsequent removal, removal of all logs, stumps and other deleterious matter and obstructions, trimming of bottom of excavation back filling, clearing up the site and disposal of all surplus materials etc., complete as per standard specification for FOUNDATION OF	304			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
3	Cubic metre	Earthwork excavation in all classes of soils except hard rock requiring blasting and depositing on bank with all leads and lifts as per SS20B including cost of all labour materials, tools, equipments and all incidental charges and sheeting, shoring and bracing and their subsequent removal, removal of all logs, stumps and other deleterious matter and obstructions, trimming of bottom of excavation back filling, clearing up the site and disposal of all surplus materials etc., complete as per standard specification for CUTOFF WALLS.	304			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
4	Cubic metre	Plain Cement Concrete M15 Grade using 40 mm ISS HBG metal including cost and conveyance of all materials to site including formwork and centering, labour charges, transporting and placing in position, compacting, finishing and curing, working at depths, Tools and Plants and incidental charges such as sheeting, shoring and bracing and their subsequent removal etc., complete as per standard specification FOR CUTOFF WALL AND TOE WALL.	1000 1500 1700 2100			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
5	Cubic metre	Plain Cement Concrete M15 Grade using 40 mm ISS HBG metal including cost and conveyance of all materials to site including formwork and centering, labour charges, transporting and placing in position, compacting, finishing and curing, working at depths, Tools and Plants and incidental charges such as sheeting, shoring and bracing and their subsequent removal etc., complete as per standard specification for RAFT.	1000 1500 1700 2100			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
6	Cubic metre	Filling with clean dry river sand below the raft including cost and conveyance of sand to work site including labour charges for filling, laying, compacting by manual labour under optimum moisture content to get the maximum density flooding with water as layers or built-up to the bottom level inclusive all other incidental charges such as baling out water, forming protective bunds, cofferdams etc., complete.				One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
7	Cubic metre	Vibrated Cement Concrete M15 Grade using 40 mm ISS HBG metal including cost and conveyance of all materials to site, including cost and labour charges for formwork and centering, labour charges, compacting, curing, and all incidental charges etc., complete for SUBSTRUCTURE OF ABUTMENTS, WINGS AND PIERS BELOW SILL LEVEL.	1000 1500 1700 2100			One Cubic metre	
8	Cubic metre	Vibrated Cement Concrete M15 Grade using 40 mm ISS HBG metal including cost and conveyance of all materials to site, including cost and labour charges for formwork and centering, labour charges for compacting, curing, and all incidental charges etc., complete for SUBSTRUCTURE OF ABUTMENTS, WINGS AND PIERS ABOVE SILL LEVEL.	1000 1500 1700 2100 2200				

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
9	Cubic metre	Vibrated reinforced cement concrete design mix M25 grade using ISS size HBG graded metal crushed stone including cost and conveyance of all materials to site but excluding cost and fabrication of steel but including cost and labour charges for formwork and centering, labour charges compacting, finishing and curing, including all incidental charges etc., complete for BED BLOCK OVER PIER AND DIRT WALL CUM BED BLOCK OVER ABUTMENT.	1000 1500 1700 2200			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
10	Square metre	Providing and fixing kraft paper for full width of seating of deck slab and including cost and conveyance to worksite labour for fixing the same in correct position and all other incidental charges etc., complete.	2600			One Square metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
11	Numbers	Providing and fixing 100mm dia PVC SEEPAGE PIPES of required length for abutment and wing, retaining wall including cost and conveyance of all materials to worksite, cost and labour for semi-spherical backfill arrangements with 100mm size broken granite stones at the periphery and labour charges for fixing etc., complete to drain the backfill as per standard specification.	2700			Each	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
12	Numbers	Providing and fixing of PVC drainage spouts 100mm dia as per MOST drawing SD/103 with grating arrangements at top as shown in the drawing and 100mm dia drainage spout projecting atleast 150mm beyond the bottom of deck slab as shown in the drawing including cost and conveyance of P.V.C pipes and flats and fixing them in position etc., complete as per standard specification.	2705			Each	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
13	Tonne	Supply and fabrication of Steel Grade S-415/ Steel Grade S.-240 required for all RCC items of works involved in the schedule including cost of steel, cost of fabrication, labour charges for cleaning the bars straightening, cutting, bending, tying grills, hoisting and placing the reinforcement in position as specified in the drawings including cost of binding wire, provision of spacer bars, cover blocks and all other incidental charges etc., complete as per standard specification.	1000 1600			One Tonne	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
14	Metric Tonne	Providing and driving in position permanent MS liners including cost of 6mm thick plate, fabricating, welding, all labour and consumables, hire charges to be left permanently with the pile shaft as per requirement and as per specification with all leads and lift etc. complete.	1000 1100			One Metric Tonne	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
15	Running Metre	Providing reinforced cement concrete cast-in situ bored piles of 1000mm diameter of design mix M30 using 20mm and below including cost and conveyance of all materials to site but excluding cost and fabrication of steel and placing it in position before concreting, but including all labour for driving or boring including chistling and providing temporary casing where required through all soils, cutting of pile head to cut off level for casting pile cap, and all other incidental charges etc., complete as per standard specifications, complete below ABUTMENT AND PIER.	1000 1100 1600			One Running Metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
16	Running Metre	Providing reinforced cement concrete cast-in situ bored piles of 1200mm diameter in vibrated design mix M30 using 20mm and below including cost and conveyance of all materials to site but excluding cost and fabrication of steel and placing it in position before concreting, but including all labour for driving or boring including chistling and providing temporary casing where required through all soils, cutting of pile head to cut off level for casting pile cap, and all other incidental charges etc., complete as per standard specifications, complete.	1000 1100 1600			One Running Metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
17	Cubic metre	Vibrated cement concrete M15 using 40mm ISS size hard broken granite metal including cost and conveyance of all materials to site including cost and labour charges for formwork and centering, labour charges for compacting, curing, including all incidental charges and complete for base course below pite cap.	1000 1500 1700 2100			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
18	Cubic metre	Vibrated reinforced cement concrete M30 using machine crushed ISS size HBG graded metal of 20mm and below including cost and conveyance of all materials to site but excluding cost and conveyance and fabrication of steel but including cost and labour charges for formwork, centering, labour charges for compacting including all incidental charges for pile capping slab under abutment and piers.	1000 1114 1500 1600 1700 2200			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
19	Cubic metre	Vibrated Cement Concrete M15 Grade using 40 mm ISS size hard broken granite metal including cost and conveyance of all materials to site, including cost and labour charges for formwork, labour charges, laying compacting, including all incidental charges complete for Toe wall.	1000 1500 1700 2100			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
20	Cubic metre	Vibrated reinforced cement concrete M30 (Design mix) using ISS, HBG graded metal of 20mm and below including cost and conveyance of all materials to site but excluding cost and conveyance and fabrication of steel but including cost and labour charges for formwork and centering labour charges for laying, compacting curing, including all incidental charges etc., complete for COLUMNPIER.	1000 1500 1600 1700 2200			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
21	Cubic metre	Vibrated reinforced cement concrete design mix M30 using 20mm and below ISS graded hard broken granite crushed stone including cost and conveyance of all materials to site but excluding cost and fabrication of steel but including cost and labour charges for formwork and centering labour charges for laying, compacting curing, including all incidental charges etc., complete as per standard specification for CAPPING BEAM.	1000 1500 1600 1700 2200			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
22	Cubic metre	Vibrated reinforced cement concrete M30 (Design mix) using graded metal 20mm and below ISS size hard broken granite crushed metal including cost and conveyance of all materials to site but excluding cost and fabrication of steel but including cost and labour charges for formwork and centering labour charges for laying, compacting concrete curing, including all incidental charges etc., complete for BED BLOCK CUM DIRT WALL OVER ABUTMENT.	1000 1500 1600 1700 2200			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
23	Cubic metre	Vibrated reinforced cement concrete M30 (Design mix) using crushed ISS, hard broken granite graded metal of 20mm and below including cost and conveyance of all materials to site but excluding cost and fabrication of steel but including cost and labour charges for formwork and centering labour charges for laying, compacting concrete curing, including all incidental charges etc., complete for Fly wing.	1000 1500 1600 1700 2200			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
24	Cubic Centi Metre	Supply and fixing of Elastomeric bearing of size including cost and conveyance to worksite, labour for fixing the same in correct position and all other incidental charges etc., complete as per standard specification.	2005			One Cubic Centi metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
25	Cubic metre	Vibrated reinforced cement concrete design mix M30 using 20mm and below ISS graded granite crushed stone including cost and conveyance of all materials to site but excluding cost and fabrication of steel but including cost and labour charges for formwork and centering labour charges for laying, compacting curing, including all incidental charges etc., complete for T-BEAM AND CROSS BEAMS.	1000 1500 1600 1700 2300			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
26	Cubic metre	Vibrated reinforced cement concrete M30 (Design mix) using crushed ISS, hard broken granite graded metal of 20mm and below including cost and conveyance of all materials to site but excluding cost and fabrication of steel but including cost and labour charges for formwork and centering labour charges for laying, compacting curing, including all incidental charges etc., complete for DECK SLAB, KERB.	1000 1500 1600 1700 2300			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
27	Running metre	Vibrated reinforced cement concrete M25 (Design mix) using HBG graded metal of 20mm and below ISS size including cost and conveyance of all materials to worksite but excluding cost and conveyance and fabrication of steel but including cost and labour charges for formwork and centering, labour charges for compacting curing, including all incidental charges etc., complete for HAND RAILS AND POSTS.	1000 1500 1600 1700 2700			One Running metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
28	Numbers	Providing and fixing of MS DRAINAGE SPOUTS OF 100mm dia as per G.O.I Drawing No.SD/205 with grating arrangements at top as shown in the drawing using 12mm x 25mm flats for grating arrangements and 100mm dia drainage spouts projecting atleast 300mm beyond the bottom of deck slab including cost and conveyance of all materials to site and fixing them in position as directed by the departmental officers etc. complete.	2705			Each	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
29	Joints	PROVIDING AND FIXING PVC EXPANSION JOINTS including cost and conveyance of expansion joints, Shalimar pad and joint sealants and fixing them in position etc., complete in DECK SLAB OVER ABUTMENT AND PIER.	2600			One Joint	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
30	Cubic metre	Vibrated Cement Concrete M15 using 40mm ISS size hard broken granite metal including cost and conveyance of all materials to site, cost and labour charges for formwork centering, labour charges for laying, compacting curing, all incidental charges complete for base course below approach slab.	1000 1500 1700			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
31	Cubic metre	Vibrated reinforced cement concrete M25 (Design mix) using crusher ISS, HBG graded metal of 20mm and below including cost and conveyance of all materials to site but excluding cost and fabrication of steel but including cost and labour charges for formwork centering, labour charges for laying compacting curing, including all incidental charges etc., complete for APPROACH SLAB.	1000 1500 1600 1700 2704			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
32	Square metre	Vibrated reinforced cement concrete M30 (Design mix) using 25mm, 12mm and 6mm IRC sized hard granite metal including cost and conveyance of all materials to site cost of premoulded expansion joints and fixing the same in position including cost and labour charges for formwork, labour charges for laying compacting curing, including all incidental charges etc., complete for WEARING COAT 75MM uniform thickness OVER DECK SLAB AND APPROACH SLAB.	1000 1500 1600 1700 2702			One Square metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
33	Cubic metre	GRAVEL FILLING BEHIND THE ABUTMENTS AND WINGS with clean good gritty gravel including cost and conveyance to site including labour charges for filling in layers, watering tamping under optimum moisture content to get the maximum density all incidental charges etc., complete.	304			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
34	Cubic metre	GRAVEL BACKING TO ROUGH STONE DRY PACKING 150MM THICK FOR REVETMENT including cost and conveyance of gravel to worksite and stacking the same to departmental gauge for pre-measurement as directed by the departmental officers including labour charges for filling in layers, tamping working in all heights and all other incidental charges etc., complete.	2500			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
35	190 Cubic metre	GRANITE ROUGH STONE DRY PACKING 300MM THICK FOR REVTMENT using good size hard broken granite rough stone with proper wedging with quarry spalls including cost and conveyance of all materials to worksite and stacking the same to departmental gauge for pre-measurement including labour charges for placing the stones in correct position and all incidental charges etc., complete.	2500			One Cubic metre	

## CONSTRUCTION OF PIPE CULVERT

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
36	Cubic metre	Earthwork excavation in all classes of soils except hard rock requiring blasting and depositing on bank with initial lead and lifts and all other incidental charges such as shoring, strutting, baling out water, forming protective bunds, coffer dam wherever necessary for dressing the bed below sill level etc., complete for foundation. As per SS20B.	2903			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
37	Cubic metre	Filling with good river sand to mm thick below the foundation concrete including cost and conveyance of all materials to site from any approved source satisfying the standard and specifications, and all labour charges for filling in layers compacting, ramming to obtain the maximum density by watering with all leads for water including all other incidental charges such as baling out water if necessary forming protective bunds etc. complete for body wall and cradle portion.	2900			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
38	Cubic metre	Vibrated Cement Concrete M15 mix using 40 mm ISS HBG metal including cost and conveyance of all materials to site, complying to the required standard and specifications including cost of formwork, mixing, laying, compacting using vibrator including hire and fuel charges for all tools and plants engaged in curing and all other incidental charges such as baling out water wherever necessary forming protective bunds coffer dams etc. complete.	1000 1500 1700 2908			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
39	Cubic metre	Vibrated Cement Concrete M15 mix using 40 mm ISS HBG metal including cost and conveyance of all materials to site, including cement complying to the required standard and specifications including cost of formwork, mixing, laying, compacting using vibrator including hire and fuel charges for all tools and plants engaged in curing and all other incidental charges such as baling out water wherever necessary forming protective bunds coffer dams etc. complete. a) above sill level.	1000 1500 1700 2908			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
40	Running metre	Supply of RCC NP3c ISI class pipes and collars of mm dia of standard length and cut lengths including cost and conveyance to the worksite and all other incidental charges etc., complete.	2900			Running metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
41	Cubic metre	Providing first class bedding for RCC pipes with compacted gravel including cost and conveyance of gravel to worksite, laying and filling in layers, tamping, under optimum moisture content to get the maximum density including watering, costs all leads of water and all other incidental charges etc. complete.	2904			One Cubic metre	

Sl. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
42	Running metre	Hoisting and fixing of mm dia pipes and collars to proper gradient including all labour charges and all other incidental charges etc., complete.	2905 2906			One Running metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
43	Cubic metre	Gravel filling with good clean gritty gravel of granular materials shaped concentrically to fit the lower part of the pipe including cost and conveyance of all materials to site and labour charges etc. complete.	2907			One Cubic metre	

SI. No.	Probable quantity	Description of Items	MOST No.	Rates in		Unit	Amount
				Words	Figures		
1	2	3	4	5	6	7	8
44	Cubic metre	Vibrated Cement Concrete M15 mix using 40 mm ISS HBG metal including cost and conveyance of all materials to site, complying to the required standard and specifications including labour for formwork, laying, watering, curing and compacting vibrator charges and all other incidental charges etc. complete for cradle portion concrete below and on sides of pipe and parapet wall.	2900 2908			One Cubic metre	

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