

ALIYAR BASIN DIVISION, POLLACHI - 642 003
SCHEDULE - A

NAME OF WORK: Construction of Bridge at LS.99.820 KM of Parambikulam Main Canal

Sl. No.	Approximate Quantity	Description of work	Specification No. M.O.R.T & H / TNBP No.	Rate in Rupees [In figures and in words]	Unit of measure-ment [in figures and in words]	Amount in Rupees
1	2	3	4	5	6	7
1	66.00 Cu.m [Sixty Six cubic metres Only]	Earth work excavation in all classes of soils except soft rock not requiring blasting and hard rock requiring blasting and depositing on bank with all leads and lifts as per SS20B, including cost of all labour, equipments and all other incidental charges such as bailing out water, sheeting, shoring, bracing and their subsequent removal of all logs, stumps and other deleterious matter and obstructions trimming bottom of excavation backfilling and clearing the site and disposal of all surplus earth with all leads etc., complete as per MORT & H specification	900, 301, 305	96.60 [Rupees Ninety Six and Paise Sixty Only]	1 Cu.m. [One cubic metre]	6376
2	160.00 Cu.m [One hundred and Sixty cubic metres Only]	Earth work excavation in all classes of soils except soft rock requiring blasting and depositing on bank with initial leads of 10m and initial lifts of 2m as per SS20B, including cost of all labour, equipments and all other incidental charges such as bailing out water, sheeting, shoring, bracing and their subsequent removal of all logs, stumps and other deleterious matter and obstructions trimming bottom of excavation backfilling and clearing the site and disposal of all surplus earth with all leads etc., complete as per MORT & H specification	900, 301, 305	222.70 [Rupees Two Hundred and Twenty Two and Paise Seventy Only]	1 Cu.m. [One cubic metre]	35632
3	65.00 Cu.m [Sixty Five cubic metres Only]	Earth work excavation in soft distintegrated rock not requiring blasting and hard rock requiring blasting and depositing on bank with all leads and lifts as per SS20B, including cost of all labour, equipments and all other incidental charges such as bailing out water, sheeting, shoring, bracing and their subsequent removal of all logs, stumps and other deleterious matter and obstructions trimming bottom of excavation backfilling and clearing the site and disposal of all surplus earth with all leads etc., complete as per MORT & H specification	900, 301, 305	317.30 [Rupees Three Hundred and Seventeen and Paise Thirty Only]	1 Cu.m. [One cubic metre]	20625

CONTRACTOR

No of Correction in Words : Figures:
No of Over Writtings in Words : Figures:

Sd-----
Executive Engineer,WRD.,
Aliyar Basin Division,
Pollachi-3.

1	2	3	4	5	6	7
4	8.00 Cu.m [Eight cubic metres Only]	Vibrated Cement Concrete of Grade M10 Nominal mix 1:2:4, using 40mm ISS HBG graded metal including cost and conveyance of all materials to site and cement at site including from work and centering, using soft water, labour charges for mixing, transporting and placing in position, compacting, finishing and curing, working at depths, hire charges for tools and plants and incidental charges etc., complete, as per standard specifications for levelling course below Abutments as per MORT & H specification	1000, 1500, 1600, 1700 & 2200	4858.00 [Rupees Four Thousand Eight Hundred and Fifty Eight Only]	1 Cu.m. [One cubic metre]	38864
5	127.00 Cu.m [One Hundred and Twenty Seven cubic metres Only]	Vibrated Cement Concrete of Grade M20 Nominal mix , using 40mm ISS HBG graded metal stone including form work and centering using soft water cost and conveyance of all materials to site including cost of cement at site form work and centering using soft water labour charges for mixing, transporting, laying, vibrating, curing, concrete working at depth, hire charges for tools and plants including all other incidental charges etc., complete as per standard specifications for Footing under Abutment & Returns & Pier Below sill level as per MORT & H specification	1000, 1500, 1600, 1700 & 2200	7000.00 [Rupees Seven Thousand Only]	1 Cu.m. [One cubic metre]	889000
6	82.50 Cu.m [Eighty Two Point Five Zero cubic metres Only]	Vibrated Cement Concrete of Grade M20 Nominal mix , using 40mm ISS HBG graded metal stone including form work and centering using soft water cost and conveyance of all materials to site including cost of cement at site form work and centering using soft water labour charges for mixing, transporting, laying, vibrating, curing, concrete working at depth, hire charges for tools and plants including all other incidental charges etc., complete as per standard specifications for Sub Structure of Abutments, Wings & Piers Above sill level MORT & H specifications	1000, 1500, 1600, 1700 & 2200	8358.00 [Rupees Eight Thousand Three Hundred and Fifty Eight Only]	1 Cu.m. [One cubic metre]	689535
7	2.50 Cu.m [Two Point Five Zero cubic metres Only]	Vibrated Reinforced Cement Concrete M30 (Design mix), using 20mm ISS HBG graded metal including cost of cement at site, including form work and centering, using soft water, labour charges for mixing, transporting and placing in position, vibrating and compacting, finishing and curing concrete, working at heights, hire charges for tools and plants including all other incidental charges etc., complete as per standard specifications for Bed Block Cum Dirt Wall over Abutments & Piers as per MORT & H specifications	1000, 1500, 1600, 1700 & 2200	11835.00 [Rupees Eleven Thousand Eight Hundred and Thirty Five Only]	1 Cu.m. [One cubic metre]	29588

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1	2	3	4	5	6	7
8	20.00 RM [Twenty Running metres Only]	Providing and fixing PVC seepage pipes of 100mm dia of required lengths for abutments wings including cost and conveyance of all materials to worksite and labour charges for fixing, etc., complete to drain the backfill etc., complete complying with standard specification and as directed by the Departmental officers	Special	169.10 [Rupees One Hundred and Sixty Nine and Paise Ten Only]	1 Rm. [One Running metres Only]	3382
9	4.50 Sq.m [Four Point Five Zero square metres Only]	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 identical charges etc., complete complying with standard specification and as directed by the Departmental officers	Special	100.00 [Rupees One Hundred Only]	1 Sq.m. [One square metre]	450
10	20.50 Cu.m [Twenty Point Five Zero cubic metres Only]	Vibrated Reinforced Cement Concrete of design mix M30 (Design mix), using 20mm ISS HBG graded metal stone including cost and conveyance of all materials to site including cost of cement at site, including form work and centering, using soft water, labour charges for mixing, transporting and placing in position, vibrating and compacting, finishing and curing, working at heights, hire charges for tools and plants including all other incidental charges etc., complete complying with standard specification for Deck slab for MORT & H	1000, 1500, 1600, 1700 & 2200	10482.00 [Rupees Ten Thousand Four Hundred and Eighty Two Only]	1 Cu.m. [One cubic metre]	214881
11	34.00 Cu.m [Thirty Four cubic metres only]	Providing FILTER MEDIA 600mm thick behind abutments and returns using filter material with 53mm to 5.6mm metal confirming to CI of MORTH & H / 2001 well packed with smaller size towards the soil and bigger size towards the wall including cost of conveyance to works site including all other incidental charges etc., complete complying with standard specification and as directed by the Departmental officers	MORTH	1133.00 [Rupees One Thousand One Hundred and Thirty Three Only]	1 Cu.m. [One cubic metre]	38522
12	24.00 Cu.m [Twenty Four cubic metres Only]	Filling behind Abutment and wings with clean gritty gravel of value not less than 350 including cost and conveyance of gravel to worksite, laying, handling charges and filling in layers, tamping under optimum moisture content to get the maximum density including watering, with all leads for water and all other incidental charges etc., complete as per standard specifications	SS 24	306.00 [Rupees Three Hundred and Six Only]	1 Cu.m. [One cubic metre]	7344
13	2.00 sets [Two Sets Only]	Providing and fixing PVC EXPANSION JOINT in between Deck Slabs overr Abutment and pier as shown in the drawing including cost and conveyance of expansion joints including shalimar pad and joint sealent etc., complete complying with standard specification and as directed by the Departmental officers	Special	580.00 [Rupees Five Hundred and Eighty Only]	1 Set [One Set]	1160

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1	2	3	4	5	6	7
14	7.50 Cu.m [Seven Point Five Zero cubic metres Only]	Vibrated Cement Concrete M15 using 40mm ISS graded hard broken granite metal including cost and conveyance of all materials to site including cement at site including cost of form work using soft water, labour charges for mixing, transporting, laying, curing concrete and working on heights, hire charges for all tools and plants and incidental charges etc., complete as per relevant specifications for Base Course Below Approach Slab for MORT & H specifications	1000, 1500, 1600, 1700 & 2200	5910.00 [Rupees Five Thousand Nine Hundred and Ten Only]	1 Cu.m. [One cubic metre]	44325
15	10.50 Cu.m [Ten Point Five Zero cubic metres Only]	Vibrated Reinforced Cement Concrete of M30 (Design mix), using 20mm ISS graded metal including cost and conveyance of all materials to site and using cement at site but excluding cost and fabrication of steel but including labour charges for mixing, laying, vibrating, curing concrete, hire charges for tools and plants including all other incidental charges etc., complete as per relevant specifications for Approach slab MORT & H specifications	1000, 1500, 1600, 1700 & 2200	8492.00 [Rupees Eight Thousand Four Hundred and Ninety Two Only]	1 Cu.m. [One cubic metre]	89166
16	65.00 Sq.m [Sixty Five square metres Only]	Vibrated Reinforced Cement Concrete of design mix M30 (Design mix), using 20mm, 12mm and 6mm ISS size hard blue granite graded 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 laying, compacting, curing, including all incidental charges etc., complete for wearing coat 75mm uniform thickness over deck slab and Approach slab as per relevant specifications for Approach slab MORT & H specifications	1000, 1500, 1600, 1700 & 2200	640.85 [Rupee Six Hundred and Forty and Paise Eighty Five Only]	1 Sq.m [One Square metre]	41655
17	1.10 Cu.m [One Point One Zero cubic metres Only]	Vibrated Cement Concrete M15 using 40mm ISS graded hard broken granite metal including cost and conveyance of all materials to site, including cement at site including cost of formwork using softwater, labour charges for mixing, transporting, laying, curing concrete and working on heights, hire charges for all tools and plants and incidental charges etc., complete as per relevant specifications for PCC Parapets over wings for MORT & H specifications	1000, 1500, 1600, 1700 & 2200	13268.00 [Rupees Thirteen Thousand Two Hundred and Sixty Eight Only]	1 Cu.m. [One cubic metre]	14595
18	2.00 Nos [Two Numbers only]	Providing and fixing of Galvanised iron drainage spouts 100mm dia as per GOL drawing SD/205 with grating arrangements at top as shown in the drawing and 100mm dia drainage spout projecting at least 600mm beyond the bottom of deck slab as shown in the drawing including cost and conveyance of Galvanized iron pipes and flats and fixing them in position etc., complete complying with standard specification and as directed by the Departmental officers	Special	2216.00 [Rupee Two Thousand Two Hundred and Sixteen Only]	1 No. [One Number]	4432

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1	2	3	4	5	6	7
19	3.00 MT [Three Metric Tone Only]	Supply and fabrication of Fe-500 steel required for all RCC items of works involved in the schedule and cost of HCRM steel confirming to IS 1786 at site including fabrication, labour charges for cleaning the rods strightening cutting bending tying grills, including overlapping to the required length wherever necessary and placing the reinforced 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 complying with standard specification and as directed by the Departmental officers	MORTH	81427.50 [Rupees Eighty One Thousand Four Hundred and Twenty Seven and Paise Fifty Only]	1 MT. [One Metric Tone]	244283
20	16.00 Cu.m [Sixteen cubic metres Only]	Random rubble masonry in cement mortar 1:4 (One of cement and four parts sand) using new stones obtained from approved sources including bond stones wherever found necessary for lining / cross masonry structures and including simulatnous pointing with same mortar, including finishing curing etc. complete complying with standard specification and as directed by the Departmental officers	Sec VI SS 35 H	4950.95 [Rupees Four Thousand Nine Hundred and Fifty and Paise Ninety Five Only]	1 Cu.m. [One cubic metre]	79215
21	10.00 Cu.m [Ten cubic metres Only]	Plain Cement concrete 1:2:4 (One part cement, two parts sand and four parts aggregate) using 20mm metal in layers not exceeding 15Cm thick including laying & Compacting finishing curing etc complete complying with technical specification and as directed by the Departmental officers	SS 28	6023.70 [Rupees Six Thousand and Twenty Three and Paise Seventy Only]	1 Cu.m. [One cubic metre]	60237
22	450.00 Cu.m [Four Hundred and Fifty cubic metres Only]	Earth work excavating and deposting on lorries within intial lead of 10 meters and intial lift of 2 meters in hard red earth, shales, murrums, gravel stoney earth and earth mixed with small size boulders and hard gravelly soil and conveying the same with a lead of 5 Km C.T. for filling up erroded portion of lateral gullies of canal bank, Jeep track and lowying portion of canal banks etc., including cost of earth conveyance charges, unloading and spreading the earth at the places etc., complete complying with technical specification and as directed by Engineer in charge of work	SS 20 A	126.35 [Rupees One Hundred and Twenty Six and Paise Thirty Five Only]	1 Cu.m. [One cubic metre]	56858
Basic Value						2610125.00 [or] 2610125.00
Add GST @ 12%						313215.00 [or] 313215.00
Grand Total						2923340.00

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1	2	3	4	5	6	7
Total No of Items in the Schedule : 22 [Twenty Two Items only]						

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