

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
78	Providing temporary all weather and fair weather diversion suitable for traffic during the construction period of the bridge / Slab drain including providing necessary drains and all safety measures including red lamps / signals at night for traffic etc. complete..	817.00	One Rmt.	1,878.53	15,34,762.76
79	Providing and fixing Flood gauge post mark of 'C' angle size 100mm x 50mm x 6mm thick (in head wall 0.500mt. And 1.50mt. Out side with painting and lettering with radium colour as directed.	8.00	One No	1,140.29	9,122.32
80	Regulatory / Mandatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminium composite Panel); size 60 cms Dia Circle as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflective sheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T. Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg. Including excavation, curing etc. Complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	31.00	One No	4,618.73	1,43,180.63

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
81	Distance Informatory / Destination Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminium composite Panel); size 180x120 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr long (2 Nos.) stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg. Including excavation, curing etc. Complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	12.00	One No	20,918.11	2,51,017.32

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
82	<p>Diversion Ahead Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminium composite Panel); size 180x60 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorisred with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T. Specifications; 3.1 mtr long stand post (2 Nos.) of 50 x 50 x 5mm / 50NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg. Including excavation, curing etc. Complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	12.00	One No	10,671.66	1,28,059.92

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
83	Men at work (2' x 2') sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP(Aluminium composite Panel); size 60cm x 60cm square as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T. Specifications; 3.3 mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg. Including excavation, curing etc. Complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	12.00	One No	4,962.13	59,545.56

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
84	Sign board per Square Meter :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminium composite Panel); size 1meter x1 meter as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T. Specifications; 4 mtr long stand post (2 Nos.) of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg. Including excavation, curing etc. Complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	24.00	One No	12,310.89	2,95,461.36

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
85	Cautionary Warning Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminium composite Panel); size 90 x 90 cms. equilateral triangle as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ,reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2.4 CC block of size 45 x 45 x 60 Cms. for each leg. Including excavation, curing etc. Complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	12.00	One No	5,077.27	60,927.24

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
86	Chevron sign :-Providing and fixing sign boards made out of 1.5mm aluminium sheet / 3mm ACP (Aluminium composite Panel); size 60x50 cm as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorisred with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg. Including excavation, curing etc. Complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	76.00	One No	4,681.35	3,55,782.60

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
87	<p>Hazard Marker Sign :-Providing and fixing sign boards made out of 1.5mm aluminium sheet / 3mm ACP (Aluminium composite Panel); size 90x30 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorisred with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T. Specifications; 1.8mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg. Including excavation, curing etc. Complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	18.00	One No	3,666.30	65,993.40

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
88	Hazard Marker Sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminium composite Panel); size 90x30 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 1.8mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc. Complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting	2.00	One No	3,518.68	7,037.36

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
89	Cautionary Warning Sign : Providing and fixing sign boards made out of 2mm Aluminium sheet size 90x90x90 cms. Equilateral triangle as per the design of IRC-67-1977 pre treated with phosphating process and acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest MOST specification 3.1 Mt. long stand post and frame fabricated from suitable size iron angle of 35x35x3mm, 75x75x6mm. as required painted with best quality epoxy coating in black and white bends the details of symbol for each board shall be as per the instruction of Engineer in charge the fixing at site shall be in 1:2:4 CC block of size 45x45x60cms. for each leg including excavation curing etc. complete under the supervision of engineer in charge (A) Engineering Grade.	8.00	One No	3,808.65	30,469.20

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
90	MMGSY Project Information Board: Providing and fixing of typical PMGSY Project information sign board with Logo as per 1700 of MORD specifications and drawing. The board will be a composite unit consisting of Three Plates ACM (Aluminium Composite Material), material specifications as per clause 17001.3. The top most plate will be of 3mm ACM in diamond shape of 600x600mm size, riveted with MS angle iron frame of 25mmx25mmx5mm size on back on edges. The middle 4mm ACM plate of will be 1200x150mm size riveted with MS angle iron frame of 25mmx25mmx5mm size on back on edges. The main 4mm ACM lower most plate will be 1500mmx600mm size, riveted with MS angle iron frame of 25mmx25mmx5mm size. Riveting of all the sheets over angle and flat iron frame will be done neatly to have plain surface on one side. The angle iron frame of lower most plate and flat iron frame of the middle plate will be welded to two nos. 75mm x75mm (12 SWG) sheet tubes posts placed at 1125mm apart centre to centre. the top of the middle plate will be flushed with the top of 75mm dia medium steel tube posts and these posts will be embedded in cement concrete M15 grade block of 450x450x600mm below ground level. The height of the bottom of the lower plate will be 1200mm from normal ground level and the bottom of the middle plate will be 100mm above the top level of the lower most plate. the diamond shaped plate mounted over flat angle iron frame will be connected to middle plate by square steel section of 47mmx47mm, thickness 12SWG having a spacing of 100mm between the diamond shaped plate and middle plate and this square section will be riveted to the bottom point of the diamond shaped plate. MMGSY logo, letters and numerals on the ACM should be made up of Retro Reflective sheeting of Type-1 AEGP Class-A grade as per the latest MORD section 1700 and IRC 67-2012	6.00	One No	11,529.15	69,174.90

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
91	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumen surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beds as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/ center line/ edge line/cut patta. The white colour marking should provide luminance coefficient on cement road shall be min 130 mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.	421.00	One Sqm	367.72	1,54,810.41

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
92	Cat Eye / Road Stud / RPM: Supplying of Molded Twin Shanks Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kgs. tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 DO III Dt 11.06. 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 +/- 2 mm and height not less than 30 +/- 2 mm) from the body is to be a minimum value of 500 Kgf. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturers recommendation and The colour of the marker should be as per the IRC 35-2015 and as directed by Engineer-in-charge.	271.00	One No	326.23	88,408.33
93	Providing and applying anti carbonation, anti fading, mold resistant, heat insulating, and 100% acrylic breathable decorative external waterproof coating of approved shade for Pier/Abutment, Riding return, Square return, Protection wall, Pier / Abutment Cap, Dirt wall, Solid slab etc. having Viscosity @ Room Temperature by Ford cup No. B-4 (dilute 2 parts of product with 1 part of water) 18 to 30 sec. pH of 7.00 to 10.00 and Sp. Gravity @ Room Temperature 1.30+0.1, tested for carbon dioxide diffusion resistance properties for coating materials and coating systems for exterior masonry and concrete as per DIN EN 1062-6 (2002-2010) by a NBA Grade "A" accredited institution.	6077.00	One Sqm	120.97	7,35,121.14

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
94	Carrying out load test of super structure as directed including all necessary materials plant equipment, instruments, labour and arrangements for test directed.	455.00	One MT	169.92	77,314.44
95	Type - B, "THRIE" : Metal Beam Crash Barrier (Providing and erecting a "Thrie" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811)	618.00	One Rmt	4,145.04	25,61,634.72
96	Providing and fixing guard stone as per I.R.C. type design including white washing etc. complete	1483.00	One No	103.56	1,53,574.72

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
97	Providing and erecting a "W" metal crash barrier comprising of 3mm thick corrugated sheet metal beam rail, 70cm above Road/Ground level, fixed on ISMC series channel vertical post, 150x75x5mm spaced 2m center to center, 1.8m high, 1.1m below ground/road level, all steel parts and fittings to be galvanized by hot dip process, all fittings to conform to IS:1367 and IS:1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810.	106.00	One Rmt.	3,723.46	3,94,686.76
98	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and deposit it as directed with all lead & lift .	50.00	One Cum	109.24	5,462.08
99	Scarifying bitumen macadam surface 6 cm to 10 cm. depth including stacking useful materials on road side and disposing off remaining stuff (A) On Existing Road	1229.00	One Sqm	41.60	51,126.59
100	Construction of Subgrade with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to MoRTH table 300-2 in layers not more than 200 mm thick as directed by engineer in charge.(Effective CBR Minimum 8 %)	500.00	One Cum	357.01	1,78,506.04

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
101	Construction of granular sub-base (Grade - 1) by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per MoRTH clause 401.	1127.50	One Cum	1,175.46	13,25,336.13
102	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam (in two layers) specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density, complete as per MoRTH clause 406.	1163.20	One Cum	1,767.33	20,55,760.85
103	Providing and applying Prime coat with Slow Setting Bitumen Emulsion binder (SS- 1) @ rate of 7.5 Kg./10 sq.m. of road surface using Emulsion pressure sprayer etc., cleaning the road surface complete including cost of material labour etc complete as directed by engineer in charge.	5602.50	One Sqm	59.26	3,31,998.31

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
104	Providing and applying tack coat with Rapid Setting Bitumen Emulsion binder (RS-1) @ rate of 2.5 Kg./10 sq.m. of road surface using Emulsion pressure sprayer etc., cleaning the road surface complete including cost of material labour etc complete as directed by engineer in charge.	5603.00	One Sqm	19.22	1,07,684.61
105	Providing and laying 25 mm thick (Compacted) Semi -dense Bituminous concrete on existing bituminous surface and using specified graded black trapped machine crushed aggregate with 5% Bitumen Vg-30 - 60/70 grade bitumen by W/t of total mix as per MORTH specification including heating and mixing of asphalt with B.T. chips in continuous batch mix plant and transporting same at site and spreading by sensor paver finisher and consolidation the same with pair of 8 tonnes to 10 tonnes vibratory roller to achieve desired density and including flushing the stone dust @0.03 cum/10smt including cost of required tools , plants, all machineries, equipment fire wood , oil, kerosene, charges etc. complete.	98.65	One MT	3,577.40	3,52,910.13

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
106	Providing and laying compacted Bituminous concrete using BT aggregate as per MORTH gradation ,specification and asphalt Grade VG 30 mixing @54.00 Kg /MT of total Wt. of mix i.e. (5.40% of total weight mix) including heating and mixing aggregate & asphalt by batch mix plant spreading the same by sensor paver finisher including rolling & consolidation with 10-12 tonne vibratory roller, Tandem Roller ,PTR & providing all materials equipment's tools & plants, fire wood, oil , kerosene, labour charges , using contractor 's own machinery etc. Complete as directed by engineer in charge as per MoRTH Specification	202.20	One MT	3,779.35	7,64,184.23
107	Providing and laying 20 mm thick mix seal surfacing using specified graded crushed Black Trap stone aggregates as per MORTH gradation using VG-30 bulk bitumen for mixing at the rate of 5.1 % (51.00 Kg./M.T.) by hot mix process and hot laid process using paver finisher to the required camber and grade, including rolling with vibratory roller to achieve desire density including cost of fire wood, oil, Kerosene, labour charges and hire charges of machineries etc. complete.	177.50	One MT	3,547.02	6,29,596.13

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
108	Construction of 100mm thick dry lean cement concrete Sub-base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ cum, optimum moisture content to be maintain during construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver compacting with 8-10 tonnes vibratory roller, finishing and curing as per MoRTH clause 601.	126.40	One Cum	3,246.66	4,10,378.45

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
109	Construction of 200mm thick unreinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with in M-30 grade of concrete with 43 grade cement , coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site and mechanically laid with a fixed form / slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing as per MoRTH clause 602.	170.90	One Cum	7,602.48	12,99,264.05

Sr. No.	Item Description	Quantity	Unit	Rate in Figure	Total Amount (in Rs.)
110	Diversion works for Pipe culvert structure at CH 1/800 to 2/000 is part of agency's scope of work & the work is carried out as per R&B GR No. PRCh/10/2018/15/C and amount is including 70% credit which will be recovered in Final bill of RA.	1.00	One No.	2,50,000.00	2,50,000.00
				Total Rs.	13,45,00,407.67

I/We am/ are willing to carry out the work at% above/ below percent (should be written in figure and words) of the estimated rate mentioned above. Amount of my / our works out as under.

Estimated amount put to tender

Deduct% below

Net

In words

Estimated amount put to tender

Add% above

Net

In words

** (Please strike out whichever is not applicable)*

Note: Credit Value of Dismantle material & Credit value of Diversion work Rs. 75,40,796.04 shall be recovered from 1st First 3 consecutive RA Bill of Contractor.

(RA-1, RA-2 & RA-3)

[Signature]

Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.

[Signature]

Deputy Executive Engineer
Panchayat (R&B) Sub Division

[Signature]

Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.

[Signature]

Executive Engineer
Panchayat (R&B) Division
Devbhumi Dwarka

Name of work :- RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE CULVERTS AT VARIOUS LOCATIONS IN DEV-BHOOMI DWARKA DISTRICT (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)

QUANTITY MERGING SHEET

Sr No	Item Description	Construction of House Pipe Drain on Dwarka Vasan Hamnagar Road Between Km.16/800 to 16/820 (ODR) Ta.Dwarka	Construction of House Pipe Drain on Padoli To Goriyali Road Between Km.4/800 to 4/900 (ODR) Ta.Dwarka	Construction of House pipes Drain on Ganga Approach Road Between Km.3/800 to 3/900 (MDR) Ta.Devbhumi Dwarka	Construction of House pipes Drain on Bhadradiya Gokulpur Road Between Km.2/500 to 2/700 (ODR) Ta.Kalyanpur	Construction of Vented Culvertway & FYP On Dhotamulavadi Nandabhaiya Aniyari Khambha Road Between 7/800 to 7/900 (ODR) Ta.Dwarka	Construction of House pipes Drain On Ganga Approach Road Between Km.1/250 to 3/500 Ta.Devbhumi Dwarka	Construction of High level Vented Culvertway On Kenedi to Khakhsara Road Between Km.4/500 to 4/600 (VR) Ta.Kalyanpur	Construction of Low Level Culvertway On Jambrase Jolipara To Jotin MDR Road Between Km.1/250 to 1/350 (VR) Ta.Bhaavad	Construction of Vented Culvertway On Sarswati To Janderadiya Road Between Km.1/100 to 1/300 Ta.Kalyanpur	Construction of House Pipes Drain On Dwarka Vasan Hamnagar Road Between Km.16/200 to 16/220 (ODR) Ta.Dwarka	Construction of a new Slab Drain on Pannar to Tankariya Road Bet Km. 9/700 to 9/900 Ta. Kalyanpur	Construction of Box Culvert on Rawal to Gwara Road (VR) Km.2/58 to 2/70 Ta. Kalyanpur.	Construction of Box Culvert on Suryavadar to Sanidam Road Between Km. 1/600 to 2/0 (MDR) Ta. Kalyanpur.	Construction of New Minor Bridge on Local River at Ch. 7/400 to 7/700 & Construction of Pipe Culvert at Ch. 1/800 to 1/900 on Bala Katarad. Sunilma road Taluka Bhose of District Devbhumi Dwarka.	CONSTRUCTION OF BOX TYPE MINOR BRIDGE AT CH. 6/900 TO 6/950 & PIPE CULVERT AT CH. 1/800 TO 1/900 ON SAJADPALLI GUNDA ROAD TAL. BHAGNAD DIST. DEVBHUMI DWARKA.	CONSTRUCTION OF NEW MINOR BRIDGE ON VASAI-MAKANPUR ROAD AT CH. 3/80 TO 4/00 TALUKA DWARKA DISTRICT DEVBHUMI DWARKA.	Reconstruction of Existing Bridge on Local River at Ch. 2/800 to 2/900 on Dangarvad Ashiyavdar Road, Taluka- Kalyanpur, District - Dev Bhumi Dwarka.	CONSTRUCTION OF NEW BOX CULVERT ON LOCAL RIVER AT CH. 6/400 TO 6/600 ON HARIPUR-PANELI ROAD TALUKA KALYANPUR DISTRICT DEVBHUMI DWARKA.	RECONSTRUCTION OF EXISTING BRIDGE ON DANTA TO HIGHWAY ROAD NEAR DANTA VILLAGE KHAMBHALIYA	Total Qty	Rate	Unit	Amount																						
1	Clearing and grubbing road land including uprooting rank vegetation grass bushes, shrubs, sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (C) By mechanical means in area of light jungle.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	1422.75	0.10	2845.51	0.20	5691.02	0.50	1422.53	0.10	2845.51	0.10	2845.51	2.24	2845.09	One Hect.	63739.41																
2	Demarcation of road alignment including marking out road line by providing and fixing wooden pegs or steel rod of required size at every 25 M to 50 M including excavating trenches on both sides of 0.30 m. x 0.30M. including supplying of labours and all materials for every work etc complete.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	1422.75	0.10	2845.51	0.20	5691.02	0.50	1422.53	0.10	2845.51	0.10	2845.51	0.56	2706.50	One Km.	1515.64																
3	Portable Barricade in Construction Zone (Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 450, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	1422.75	0.10	2845.51	0.20	5691.02	0.50	1422.53	0.10	2845.51	0.10	2845.51	204.00	3035.05	One No.	619150.20																
4	Diversion of water course, providing cofferdam and bund in island as may be necessary for foundation and maintaining the same for the period as may be necessary.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	100000.00	1.00	50000.00	6.00	300000.00	5.00	250000.00	2.00	100000.00	2.00	100000.00	18.00	50000.00	One No.	900000.00																
5	Earthwork for embankment including breaking clods, dressing with all lead and lift (Excluding watering and consolidation) (A) Selected soil should be from borrow area with all lead and lift and should have CBR not less than 6.00%.	231.50	36556.17	79.40	12578.05	86.80	13706.59	162.40	25644.58	101.60	16043.66	761.70	123218.36	29.10	4895.18	57.00	9000.87	231.50	36556.17	181.50	28723.83	738.60	116663.91	682.00	105725.88	0.00	0.00	0.00	0.00	0.00	0.00	4436.80	160.76	One Cum	713203.76											
6	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering, rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(B) From Borrow area including all lead & lift	480.50	75875.72	186.40	29486.92	119.80	18917.62	188.30	29734.45	403.20	63669.31	138.60	21886.33	761.70	123218.36	29.10	4895.18	168.00	26536.88	374.50	59137.30	181.90	28723.83	738.60	116663.91	652.00	106725.84	0.00	0.00	0.00	0.00	0.00	0.00	13613.00	177.91	One Cum	2421893.85									
7	Earthwork in cutting including preparing slope and camber staking or utilizing the cutting stuff in bank as directed upto 200 meters from the end of the cutting with all required lead and lift.(B) Hard Rock.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.00	584.59	One Cum	31567.86							
8	WBM Grading-2 Providing, laying, spreading and compacting stone agg. Of 65mm to 45mm size to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stage to proper grade and camber, applying and brooming, stone screening/binding material to fill-up the interstices of coarse agg., watering and compacting to the required density grading-2 as per Technical Specification Clause 405 By manual means.	19.80	45613.26	9.90	23183.62	12.10	22806.81	19.80	45613.26	12.10	22806.81	39.60	89360.98	69.80	150637.10	29.70	48999.96	19.80	45613.26	22.50	36775.80	23.40	39426.19	20.90	34603.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	346.90	1970.49	One Cum	683563.85			
9	Rolling and Watering of earthwork with vibratory roller including filling in depression which occur during the process and as directed.	342.00	7848.90	101.20	2322.54	119.70	2747.12	225.80	5182.11	290.80	6673.86	138.80	3185.46	949.70	21795.62	67.50	1549.13	133.90	3073.01	342.00	7848.90	181.90	4174.61	660.30	15153.89	619.20	14210.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4172.80	22.95	One Cum	95763.76		
10	Excavation for foundation upto 1.5m depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto all lead. (B) Dense or hard soil.	79.40	20158.07	37.00	9999.56	41.00	10409.08	69.60	17670.05	0.00	0.00	43.80	11119.94	552.10	89391.15	75.40	19142.55	177.00	44936.76	79.40	20158.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1434.60	253.88	One Cum	364216.25		
11	Excavation for foundation upto 1.5m depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto all lead. (C) Hard Murrum	141.70	61300.84	35.50	15357.96	24.90	10771.99	141.90	61387.36	0.00	0.00	30.60	13237.87	208.30	89932.88	52.80	22841.81	79.20	34262.71	141.70	61300.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1284.30	432.61	One Cum	555601.02		
12	Excavation for foundation upto 1.5m depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto all lead. (D) Soft Rock	268.20	116026.00	104.20	45077.56	51.20	22149.63	162.60	70342.39	0.00	0.00	52.30	22625.50	208.00	89982.86	52.80	22841.81	170.30	73673.48	214.70	92581.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	363.80	301.84	One Cum	109809.39	
13	Excavation for foundation upto 1.5m depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto all lead. (E) Hard Rock	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	248.60	627.47	One Cum	155989.04	
14	Excavation of foundation in Sand gravel only soft soil and murrum etc including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed. Depth upto 3.00m.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5182.20	511.31	One Cum	2648676.25
15	Excavation of foundation in hard murrum and boulders and very stiff or sticky clays and other similar strata including shoring out and strutting and dewatering as necessary and disposing of the excavated stuff as directed.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	467.50	611.32	One Cum	285792.10

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Sr No	Item Description	Construction of House Pipe Drains on Dwaraka Vasis Hamanagar Road Between Km.16/800 to 16/820 (ODR) Ta.Dwarka.	Construction of House Pipes Drain on Padali To Gorihah Road Between Km.9/500 To 9/500 (ODR) Ta.Dwarka	Construction of House pipes drain On Ganga Approach Road Between Km.1000 to 3/600 Ta.Devbhumi Dwarka	Construction of House pipes drain On Bhavadiya Cokulpur Road Between Km.2/500 to 2/700 (ODR) Ta.Kalyanpur	Construction of Vented Caseway & R/W On Dholumadwasar Nambharada Andgari Khamsaba Road Between 7/800 to 7/500 (ODR) Ta.Dwarka	Construction of House pipes Drain On Ganga Approach Road Between Km.3/600 to 3/800 Ta.Devbhumi Dwarka	Construction of High level Vented Caseway On Kenedi Road To Khakhara Road Between Km.9/800 to 9/800 (VR) Ta.Kalyanpur	Construction of Low Level Caseway On Jambhasar Joshiyaga To Join MDR Road Between Km.1/250 to 1/350 (VR) Ta.Bhaavar	Construction of Vented Caseway On Sanasari To Jamdevallya Road Between Km.1/100 to 1/300 Ta.Kalyanpur	Construction of House Pipes Drain On Dwaraka Vasis Hamanagar Road Between Km.16/200 to 16/220 (ODR) Ta.Dwarka	Construction of Slab Drain on Premnar To Tankaria Road Bet. Km. 9/700 to 9/900 Ta. Kalyanpur.	Construction of Box Culvert on Rural to Gorana Road (VR) Km.2/90 to 2/70 Ta. Kalyanpur.	Construction of Box Culvert on Suryawadar to Samildam Road Between Km. 1/80 to 2/0 (MDR) Ta. Kalyanpur	Construction of New Minor Bridge on Local River at Ch. 7/900 to 7/700 & Construction of Pipe Culvert @ Ch. 1/800 to 2/000 on Bata Kalaywah-Sankhisra road Taluka Sharnad District Devbhumi Dwarka.	CONSTRUCTION OF BOX TYPE MINOR BRIDGE AT CH. 8/900 TO 8/800 & PIPE CULVERT AT CH. 9/800 TO 1/200 ON SAJJADIYAL GUNDA ROAD T.A.L. SHARNAD DISTRICT DEVBHUMI DWARKA.	CONSTRUCTION OF NEW MINOR BRIDGE ON VASAI-MAKANPUR ROAD AT CH. 3/80 TO 4/00 TALUKA DWARKA DISTRICT DEVBHUMI DWARKA.	Reconstruction of Existing Bridge on Local River at Ch. 2/800 to 2/700 on Dangarda Ashiyavdar Road, Taluka-Kalyanpur, District - Dev Sharni Dwarka.	CONSTRUCTION OF NEW BOX CULVERT ON LOCAL RIVER AT CH. 8/900 TO 8/800 ON HANIPURAPANEL ROAD TALUKA KALYANPUR DISTRICT DEVBHUMI DWARKA.	RECONSTRUCTION OF EXISTING BRIDGE ON LOCAL RIVER AT CH. 8/900 TO 8/800 ON DANTA TO HIGHWAY ROAD NEAR DANTA VILLAGE KHAMBHALYA.	Total Qty	Rate	Unit	Amount																																																																																																									
50	Providing and laying in position Mild steel dowel bars in pier caps or abutment caps for anchorage in feet end as per detailed drawings including cutting bending and welding complete.	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	12.00 4796.28 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	12.00 5400.79 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	24.00	424.88	One No	10197.97																																																																																																									
51	Providing and laying in Position FE -500/550d TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings. For the RCC Raft footing, Open Footing,	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 4796.28 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 5400.79 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	29.30	73858.69	One MT	2164699.74																																																																																																									
52	Providing and laying in Position FE -500/500d TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following (A) Piers (B) Abutments (C) Returns (D) Walls etc.	1.69 2.08 0.00 0.00	80505.97 147717.38 0.00 0.00	0.42 1.20 0.00 0.00	31020.65 88630.43 0.00 0.00	0.50 0.45 0.00 0.00	34929.35 33236.45 0.00 0.00	0.90 0.30 0.00 0.00	66472.82 22157.61 0.00 0.00	1.32 2.61 0.00 0.00	97499.47 192771.18 0.00 0.00	0.52 0.38 0.00 0.00	35406.52 28066.30 0.00 0.00	2.53 0.00 0.00	186882.49 0.00 0.00	1.63 0.00 0.00	96415.74 115219.56 0.00 0.00	0.86 1.15 0.00 0.00	63518.47 84937.49 0.00 0.00	1.09 1.15 0.00 0.00	80505.97 84937.49 0.00 0.00	3.40 0.00 0.00	251119.55 0.00 0.00	0.80 0.00 0.00	59086.45 0.00 0.00	0.85 0.00 0.00	62779.49 0.00 0.00	3.60 0.65 0.00 0.00	265891.30 48008.15 0.00 0.00	6.00 1.50 0.00 0.00	443152.17 110788.04 0.00 0.00	14.50 4.90 0.00 0.00	1070951.07 361907.58 0.00 0.00	10.00 0.00 0.00	738586.94 0.00 0.00	6.00 0.00 0.00	443152.17 2.80 0.00 0.00	1.00 2.80 0.00 0.00	73858.69 1722+0.86 0.00 0.00	77.17	73858.69	One MT	5699675.29																																																																																						
53	Providing and laying in Position FE -500d/550d TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed Drawings for the following (A) Pier cap (B) Abutment cap & Dist walls.	3.09 0.00 0.00	228223.35 0.00 0.00	1.62 0.00 0.00	119651.08 0.00 0.00	0.95 0.00 0.00	70165.76 0.00 0.00	1.30 0.00 0.00	64930.43 0.00 0.00	3.93 0.00 0.00	290264.63 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	17.90	74654.54	One MT	1322070.61																																																																																																									
54	Providing and laying in Position FE -500d/550d TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following (A) Solid slab	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	107.70	73243.02	One MT	7888273.13																																																																																																									
55	Providing and Fixing in position FE-500/500d TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing (A)RCC kerb (B) RCC Footpath (B) RCC Solid Slab/ App. Slab / Wearing coat.	0.40 0.00 0.00 0.00 0.00	29297.20 0.00 0.00 0.00 0.00	0.20 0.00 0.00 0.00 0.00	14648.60 0.00 0.00 0.00 0.00	1.41 0.00 0.00 0.00 0.00	103272.64 0.00 0.00 0.00 0.00	0.40 0.00 0.00 0.00 0.00	29297.20 0.00 0.00 0.00 0.00	0.97 0.00 0.00 0.00 0.00	71045.72 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.78 0.00 0.00 0.00 0.00	57129.55 0.00 0.00 0.00 0.00	1.38 0.00 0.00 0.00 0.00	101078.35 0.00 0.00 0.00 0.00	0.58 0.00 0.00 0.00 0.00	42889.55 0.00 0.00 0.00 0.00	6.40 0.00 0.00 0.00 0.00	29297.20 0.00 0.00 0.00 0.00	7.70 0.00 0.00 0.00 0.00	563971.18 0.00 0.00 0.00 0.00	12.52 0.00 0.00 0.00 0.00	917002.49 0.00 0.00 0.00 0.00	12.79 0.00 0.00 0.00 0.00	936778.30 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	5.90 0.00 0.00 0.00 0.00	435796.29 0.00 0.00 0.00 0.00	7.50 0.00 0.00 0.00 0.00	553940.21 0.00 0.00 0.00 0.00	19.40 0.00 0.00 0.00 0.00	1432856.65 0.00 0.00 0.00 0.00	10.00 0.00 0.00 0.00 0.00	738586.94 0.00 0.00 0.00 0.00	6.00 0.00 0.00 0.00 0.00	443152.17 0.00 0.00 0.00 0.00	3.40 0.00 0.00 0.00 0.00	251119.55 0.00 0.00 0.00 0.00	17.90	74654.54	One MT	1322070.61																																																																																						
56	Providing and Fixing in position FE-500d/550d TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing (A)RCC kerb (B) RCC Footpath (C) RCC App. Slab (D) Wearing coat.	0.40 0.00 0.00 0.00 0.00	29297.20 0.00 0.00 0.00 0.00	0.20 0.00 0.00 0.00 0.00	14648.60 0.00 0.00 0.00 0.00	1.41 0.00 0.00 0.00 0.00	103272.64 0.00 0.00 0.00 0.00	0.40 0.00 0.00 0.00 0.00	29297.20 0.00 0.00 0.00 0.00	0.97 0.00 0.00 0.00 0.00	71045.72 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.78 0.00 0.00 0.00 0.00	57129.55 0.00 0.00 0.00 0.00	1.38 0.00 0.00 0.00 0.00	101078.35 0.00 0.00 0.00 0.00	0.58 0.00 0.00 0.00 0.00	42889.55 0.00 0.00 0.00 0.00	6.40 0.00 0.00 0.00 0.00	29297.20 0.00 0.00 0.00 0.00	7.70 0.00 0.00 0.00 0.00	563971.18 0.00 0.00 0.00 0.00	12.52 0.00 0.00 0.00 0.00	917002.49 0.00 0.00 0.00 0.00	12.79 0.00 0.00 0.00 0.00	936778.30 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	5.90 0.00 0.00 0.00 0.00	435796.29 0.00 0.00 0.00 0.00	7.50 0.00 0.00 0.00 0.00	553940.21 0.00 0.00 0.00 0.00	19.40 0.00 0.00 0.00 0.00	1432856.65 0.00 0.00 0.00 0.00	10.00 0.00 0.00 0.00 0.00	738586.94 0.00 0.00 0.00 0.00	6.00 0.00 0.00 0.00 0.00	443152.17 0.00 0.00 0.00 0.00	3.40 0.00 0.00 0.00 0.00	251119.55 0.00 0.00 0.00 0.00	17.90	74654.54	One MT	1322070.61																																																																																						
57	Providing fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ ASTM-775 M including testing of coating at plant.	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00

Sr No	Item Description	Construction of House Pipe Drain on Dwaraka Vasti Hamnagar Road Between Km.16/500 to 16/528 (ODR) Ta.Dwaraka	Construction of House Pipe Drain on Padali To Geryali Road Between Km.4/800 To 4/900 (ODR) Ta.Dwaraka	Construction of House pipe Drain on Ganga Approach Road Between Km.3/000 to 3/600 (MDR) Ta.Devbhumi Dwaraka	Construction of House pipe Drain on Bhavadiya Gokulpur Road Between Km.2/500 to 2/700 (ODR) Ta.Kalyanpur	Construction of Vented Culvertway & Fly Over Dhofanulavast Nandabarda Anjalsari Khajurahi Road Between 7/600 to 7/900 (ODR) Ta.Dwaraka	Construction of House pipe Drain on Ganga Approach Road Between Km.3/400 to 3/900 Ta.Devbhumi Dwaraka	Construction of High level Vented Culvertway On Kenedi to Khakhara Road Between Km.9/400 to 9/600 (VR) Ta.Kalyanpur	Construction of Low Level Culvertway On Jamnagar Joshipara To Jaina MDR Road Between Km.2/250 to 1/350 (VR) Ta.Bhaavard	Construction of Vented Culvertway On Sanosari To Jandevadiya Road Between Km.1/100 to 1/300 Ta.Kalyanpur	Construction of House Pipe Drain On Dwaraka Vasti Hamnagar Road Between Km.16/200 to 16/220 (ODR) Ta.Dwaraka	Construction of Shew Slab Drain on Premat to Tankanya Road Bet. Km. 9/700 to 9/900 Ta. Kalyanpur	Construction of Box Culvert on Rural to Gocana Road (VR) Km.2/60 to 2/70 Ta. Kalyanpur	Construction of Box Culvert on Suryasray to Sanidam Road Between Km. 1/800 to 3/0 (MDR) Ta. Kalyanpur	Construction of New Minor Bridge on Local River at CH. 7/600 to 7/700 or Construction of Pipe Culvert at CH.1/800 to 2/000 on Rural Kalyanpur District Devbhumi Dwaraka.	CONSTRUCTION OF BOX TYPE MINOR BRIDGE AT CH. 9/900 TO 1/000 & PIPE CULVERT AT CH. 1/100 TO 1/200 ON RAJAJODDARAL GUNDA ROAD TAL. BHANWAR DIST. DEVBHUMI DWARKA.	CONSTRUCTION OF NEW MINOR BRIDGE ON VASAL-MAKANPUR ROAD AT CH. 3/60 TO 4/00 TALUKA DWARKA DISTRICT DEVBHUMI DWARKA.	Reconstruction of Existing Bridge on Local River at CH. 2/600 to 2/700 on Dangad Ashiyandar Road, Taluka- Kalyanpur, District - Dev Bhumi Dwaraka.	CONSTRUCTION OF NEW BOX CULVERT ON LOCAL RIVER AT CH. 6/400 TO 6/600 ON KARIPUR-PANDEJI ROAD TALUKA KALYANPUR DISTRICT DEVBHUMI DWARKA	RECONSTRUCTION OF EXISTING BRIDGE ON LOCAL RIVER AT CH. 9/800 TO 9/200 ON DANTA TO HIGHWAY ROAD NEAR DANTA VILLAGE KHAMPHALIYA	Total Qty	Rate	Unit	Amount									
66	Supplying and fixing reinforced concrete heavy duty non pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specification including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of 1:5. Class NP-3 of following internal diameter with all lead and lift. (v) 900mm Dia.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	83262.24	115.00	398964.90	95.00	329579.70	108.00	174980.08	73.00	253255.98	56.00	194278.56	471.00	3469.26	One Rmt.	1634021.46			
67	Supplying and fixing reinforced concrete heavy duty non pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specification including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of 1:5. Class NP-3 of following internal diameter with all lead and lift. (i) 1200mm Dia.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50	6032.33	One Rmt.	135727.43			
68	Supplying and fixing reinforced concrete heavy duty nonpressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slope of 1:5. 458 / 1971 Class NP3 of following internal diameter. (vi) 1200 mm dia.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.00	178773.94	60.00	397275.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.00	6621.36	One Rmt.	576499.36		
69	Dismantling the existing structure including removing and stacking the dismantled materials as and where directed. Stone/Rubble masonry.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.60	8836.99	137.70	56349.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	356.50	409.21	One Cum	145885.05		
70	Dismantling the existing structure including removing and stacking the dismantled materials as and where directed. RCC Work.	0.00	0.00	0.00	0.00	64.80	60286.68	45.90	42703.07	0.00	0.00	70.70	65775.75	17.50	16281.13	148.30	137970.91	28.80	26794.08	0.00	0.00	19.50	18161.83	40.20	37406.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	Dismantling the existing structure including removing and stacking the dismantled materials as and where directed. Structural Steel.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
72	Dismantling G.I Pipes G.S.W. Pipes and A.C Rain water pipes with fitting and clamps including stacking the materials with all lead and lift (for any of pipe)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
73	Removing all type of house pipes and stacking including all lead of earthwork and dismantling of masonry works. (A) Up to 600 mm dia	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
74	Removing all type of house pipes and stacking including all lead of earthwork and dismantling of masonry works. (A) Above 900 mm dia	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
75	Dismantling the existing structure including removing and stacking the dismantled materials as and where directed. (A) CC Work	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
76	Dismantling of Flexible Pavements (Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately) If) By Mechanical means. A) Bituminous course	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
77	Dismantling of Cement Concrete Pavement (Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
78	Providing temporary all weather and fair weather diversion suitable for traffic during the construction period of the bridge / Slab drain including providing necessary drains and all safety measures including red lamps / signals at night for traffic etc complete.	60.00	115794.00	50.00	92369.50	40.00	74444.80	60.00	100153.20	90.00	187500.80	60.00	74444.80	80.00	148889.60	90.00	136822.50	70.00	130278.40	60.00	115794.00	50.00	76012.50	60.00	91263.60	67.00	210995.06	0.00	0.00	0.00	0.00	0.00	0.00
79	Providing and fixing Flood gauge post mark of 'C' angle size 100mm x 50mm x 6mm thick (in head wall 0.500mt. And 1.50mt. Out side with painting and lettering with redum color as directed.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Sl. No	Item Description	Construction of House Pipe Drain on Dwaraka Vasai Hamnagar Road Between Km.16/900 to 16/820 (ODR) Ta.Dwaraka	Construction of House Pipe Drain on Padali To Goryali Road Between Km.4/600 To 4/508 (ODR) Ta.Dwaraka	Construction of House pipes Drain on Gaga Approach Road Between Km.3/800 to 3/860 (MDR) Ta.Devbhumi Dwaraka	Construction of House pipes Drain on Bhatwadiya Gokulpur Road Between Km.2/500 to 2/700 (ODR) Ta.Kalyanpur	Construction to Vented Causeway & F/W On Dhokamandavani Nambhanda Aniyarsi Khatwaha Road Between 7/100 to 7/500 (ODR) Ta.Dwaraka	Construction of House pipes Drain On Gaga Approach Road Between Km.3/600 to 3/800 Ta.Devbhumi Dwaraka	Construction of High level Vented Causeway On Kenedi to Khakharra Road Between Km.4/400 to 4/600 (VR) Ta.Kalyanpur	Construction of Low Level Causeway On Jambhar Joshipura To Jain MDR Road Between Km.1/250 to 1/350 (VR) Ta.Bhanvad	Construction of Vented Causeway On Sanosari To Jambharaliya Road Between Km.1/100 to 1/300 Ta.Kalyanpur	Construction of House Pipes Drain On Dwaraka Vasai Hamnagar Road Between Km.16/200 to 16/226 (ODR) Ta.Dwaraka	Construction of skew Slab Drain on Premnar to Tankariya Road Bet. Km. 9/700 to 9/908 Ta. Kalyanpur	Construction of Box Culvert on Raval to Gersana Road (VR) Km.2/60 to 2/70 Ta. Kalyanpur.	Construction of Box Culvert on Suryavadi to Sanidam Road Between Km. 1/800 to 2/8 (MDR) Ta. Kalyanpur	Construction of New Minor Bridge on Local River at Ch. 1/640 to 1/700 & Construction of Pipe Culvert at Ch. 1/800 to 2/800 on Jeta Kalar ad- Sanidam Road Taluka Bhawan District Dwaraka	CONSTRUCTION OF BOX PIPE MINOR BRIDGE AT CH.1/996 TO 1/998 & PIPE CULVERT AT CH.1/998 TO 1/280 ON SAJADVALLI GONDA ROAD TAL. BHANWAD DIST. DEVBHUMI DWARKA.	CONSTRUCTION OF NEW MINOR BRIDGE ON VASAI-MAKANPUR ROAD AT CH. 3/80 TO 4/80 TALUKA DWARKA DISTRICT DEVBHUMI DWARKA.	Reconstruction of Existing Bridge on Local River at Ch. 2/500 to 2/700 on Durgavadi Ashiyad-e-Road, Taluka Kalyanpur, District- Dev Bhami Dwaraka.	CONSTRUCTION OF NEW BOX CULVERT ON LOCAL RIVER AT CH. 4/800 TO 4/800 ON HARUPUR-PANEL ROAD TALUKA KALYANPUR DISTRICT DEVBHUMI DWARKA	RECONSTRUCTION OF EXISTING BRIDGE ON LOCAL RIVER AT CH. 9/900 TO 9/200 ON DANTA ROAD NEAR DANTA VILLAGE KHAMETALIYA	Total Qty	Rate	Unit	Amount		
80	Regulatory / Mandatory Sign -Providing and fixing sign boards made out of 2mm aluminum sheet / 4mm ACP (Aluminum composite Panel) size 40 cms Dia Circle as per design of IRC-67-2012. Pre treated with phosphating process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint. Reflected with Micro Prismatic Grade retro reflective sheeting of Type-II as per ASTM D-4956 and latest M.C.S.T. Specifications. 3 meter long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm, painted with best quality epoxy coatings in black and white bands. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:24 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-II Retro Reflective sheeting	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	2.00 2.00 5.00 2.00 5.00	9237.46 9237.46 23093.65 9237.46 23093.65	5.00 5.00 23093.65 9237.46 23093.65	2.00 2.00 9237.46 9237.46 9237.46	2.00 2.00 9237.46 9237.46 9237.46	2.00 2.00 9237.46 9237.46 9237.46	2.00 2.00 9237.46 9237.46 9237.46	31.00	4618.73	One No	143180.63
81	Distance Information / Direction Sign -Providing and fixing sign boards made out of 2mm aluminum sheet / 4mm ACP (Aluminum composite Panel) size 180x120 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint. Reflected with Micro Prismatic Grade retro reflective sheeting of Type-II as per ASTM D-4956 and latest M.C.S.T. Specifications. 4.0 meter long (2 Nos) stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm, painted with best quality epoxy coatings in black and white bands. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:24 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-II Retro Reflective sheeting	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	2.00 2.00 5.00 2.00 5.00	41836.22 41836.22 41836.22 41836.22 41836.22	2.00 2.00 41836.22 41836.22 41836.22	2.00 2.00 41836.22 41836.22 41836.22	2.00 2.00 41836.22 41836.22 41836.22	2.00 2.00 41836.22 41836.22 41836.22	2.00 2.00 41836.22 41836.22 41836.22	12.00	20918.11	One No	251017.32
82	Direction Ahead Sign -Providing and fixing sign boards made out of 2mm aluminum sheet / 4mm ACP (Aluminum composite Panel) size 180x60 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint. Reflected with Micro Prismatic Grade retro reflective sheeting of Type-II as per ASTM D-4956 and latest M.C.S.T. Specifications. 3.1 meter long stand post (2 Nos) of 50 x 50 x 5mm / 50NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm, painted with best quality epoxy coatings in black and white bands. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:24 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-II Retro Reflective sheeting	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	2.00 2.00 5.00 2.00 5.00	21343.32 21343.32 21343.32 21343.32 21343.32	2.00 2.00 21343.32 21343.32 21343.32	2.00 2.00 21343.32 21343.32 21343.32	2.00 2.00 21343.32 21343.32 21343.32	2.00 2.00 21343.32 21343.32 21343.32	2.00 2.00 21343.32 21343.32 21343.32	12.00	10671.66	One No	128059.92
83	Men at work (R x P) sign -Providing and fixing sign boards made out of 2.0 mm aluminum sheet / 4 mm ACP(Aluminum composite Panel) size 40cm x 40cm square as per design of IRC-67-2012. Pre treated with phosphating process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint. Reflected with Micro Prismatic Grade retro reflective sheeting of Type-II as per ASTM D-4956 and latest M.C.S.T. Specifications. 3.3 meter long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm, painted with best quality epoxy coatings in black and white bands. The details of symbol or inscription / materials for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:24 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-II Retro Reflective sheeting	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	2.00 2.00 5.00 2.00 5.00	9924.26 9924.26 9924.26 9924.26 9924.26	2.00 2.00 9924.26 9924.26 9924.26	2.00 2.00 9924.26 9924.26 9924.26	2.00 2.00 9924.26 9924.26 9924.26	2.00 2.00 9924.26 9924.26 9924.26	2.00 2.00 9924.26 9924.26 9924.26	12.00	4962.13	One No	59545.56
84	Sign board per Square Meter -Providing and fixing sign boards made out of 2mm aluminum sheet / 4mm ACP (Aluminum composite Panel) size 180x120 meter as per design of IRC-67-2012. Pre treated with phosphating process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint. Reflected with Micro Prismatic Grade retro reflective sheeting of Type-II as per ASTM D-4956 and latest M.C.S.T. Specifications. 4 meter long stand post (2 Nos) of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm, painted with best quality epoxy coatings in black and white bands. The details of symbol or inscription / materials for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:24 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-II Retro Reflective sheeting	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	5.00 5.00 10154.54 5.00 10154.54	61554.45 61554.45 61554.45 61554.45 61554.45	5.00 5.00 61554.45 61554.45 61554.45	5.00 5.00 61554.45 61554.45 61554.45	5.00 5.00 61554.45 61554.45 61554.45	5.00 5.00 61554.45 61554.45 61554.45	5.00 5.00 61554.45 61554.45 61554.45	24.00	12310.89	One No	295410.34
85	Cautionary Warning Sign -Providing and fixing sign boards made out of 2mm aluminum sheet / 4mm ACP (Aluminum composite Panel) size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-2012. Pre treated with phosphating process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint. Reflected with Micro Prismatic Grade retro reflective sheeting of Type-II as per ASTM D-4956 and latest M.C.S.T. Specifications. 3 meter long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm, painted with best quality epoxy coatings in black and white bands. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:24 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-II Retro Reflective sheeting	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	2.00 2.00 10154.54 2.00 10154.54	10154.54 10154.54 10154.54 10154.54 10154.54	2.00 2.00 10154.54 10154.54 10154.54	2.00 2.00 10154.54 10154.54 10154.54	2.00 2.00 10154.54 10154.54 10154.54	2.00 2.00 10154.54 10154.54 10154.54	12.00	5077.27	One No	60927.24	

[illegible]

Sr No	Item Description	Construction of Home Pipe Drain on Dwarika Vassal Hammar Road Between Km.16/500 to 16/825 (ODR) Ta.Dwarika	Construction of Home Pipe Drain on Padali To Goriya Road Between Km.4/800 To 4/800 (ODR) Ta.Dwarika	Construction of Home pipes Drain on Gaga Approach Road Between Km.3/600 to 3/600 (MDR) Ta.Dewbhumi Dwarika	Construction of Home pipes Drain on Bhavadiya Gokulpur Road Between Km.2/580 to 2/708 (ODR) Ta.Ka/Vanapur	Construction of Vented Culverway & R/W On Dholandamar Nandabada Ahiyad Khatumbha Road Between 7/600 to 7/600 (ODR) Ta.Dwarika	Construction of Home pipes Drain On Gaga Approach Road Between Km.3/400 to 3/900 Ta.Dewbhumi Dwarika	Construction of High level Vented Culverway On Kenedi to Khakhara Road Between Km.9/400 to 9/400 (VR) Ta.Kalyanpur	Construction of Low Level Culverway On Jambhar Joshipara To Join MDR Road Between Km.1/250 to 1/350 (VR) Ta.Bhanvad	Construction of Vebbed Culverway On Sanoseri To Jambdevliya Road Between Km.1/100 to 1/300 Ta.Kalyanpur	Construction of Home Pipes Vassal On Dwarika Vassal Hammar Road Between Km.16/200 to 16/220 (ODR) Ta.Dwarika	Construction of Slab Drain on Premsar to Tankanya Road Bet. Km. 0/700 to 0/900 Ta. Kalyanpur	Construction of Box Culvert on Raval to Gorana Road (VR) Km.2/40 to 2/70 Ta. Kalyanpur.	Construction of Box Culvert on Suryavadar to Sanidada Road Between Km. 1/800 to 2/0 (MDR) Ta. Kalyanpur	Construction of New Minor Bridge on Local River at Ch. 17900 to 17980 & Construction of Pipe Culvert at Ch.17900 to 3990 on Reis Kalat-Sankhal road Taluka Bham of District Dewbhumi Dwarika	CONSTRUCTION OF BOX TYPE MINOR BRIDGE AT CH.17900 TO 19900 & TYPE CULVERT AT CH. 4900 TO 1/000 ON SAADATALL GUNDA ROAD TAL. BHEANWAD DIST. DEVBHUMI DWARKA.	CONSTRUCTION OF NEW MINOR BRIDGE ON VASAI-MAKANPUR ROAD AT CH. 3/80 TO 4/00 TALUKA DWARKA, DISTRICT DEVBHUMI DWARKA.	Reconstruction of Existing Bridge on Local River at Ch.2/800 to 2/700 on Dangarvad Ahiyadga Road. Taluka Kalyanpur, District Dew Bhumi Dwarika	CONSTRUCTION OF NEW BOX CULVERT ON LOCAL RIVER AT CH. 3900 TO 4200 ON HAKIPUR-PANDEL ROAD TALUKA KALYANPUR DISTRICT DEVBHUMI DWARKA	RECONSTRUCTION OF EXISTING BRIDGE ON LOCAL RIVER AT CH. 4000 TO 4200 ON DANTA TO HIGHWAY ROAD NEAR DANTA VILLAGE KHAMSHALIYA	Total Qty	Rate	Unit	Amount										
91	Road marking with hot applied thermoplastic paints with reflecting glass beads on bituminous surface providing and fixing a hot applied thermoplastic compound 2.5 mm thick including reflecting glass beads @ 250gms per sqm area, thickness of 2.5mm to excluding of surface applied glass beads as per IRC:AS-2015. The finished surface to be level, uniform and free from anomalies and holes. zebra patta /hump patta lane/center line/ edge line/cut patta. The white color painting should provide luminance coefficient on camera road shall be min 120 mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	15.00 25.00 9.00 0.00	5515.81 9193.02 3309.49 0.00	18.00 15.00 80.00 0.00	6618.97 5515.81 29417.64 0.00	50.00 41.00 0.00 0.00	18386.04 15076.55 0.00 0.00	27.00 32.00 0.00 0.00	9928.46 11767.07 0.00 0.00	17.00 35.00 0.00 0.00	6251.26 12670.23 0.00 0.00	18.00 39.00 0.00 0.00	6618.96 14341.08 0.00 0.00	421.00 367.72 0.00 0.00	One Sqn	154810.41					
92	Cat Eye / Road Stud / RPM Supplying of Molded Twin Shanks Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with micro prismatic lens capable of providing total lateral reflection of the light entering the lens face and shall support a load of 15655 kgs. tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No.RW/BSR/3502/16-07 DO B.D.11.06, 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130 mm and with bituminous reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The strength of detachment of the integrated cylindrical shanks, for diameter not less than 10 +/- 2 mm and height not less than 90 +/- 2 mm) from the body is to be a minimum value of 500 Kgf. Flang will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturers recommendation and The color of the marker should be as per the IRC-35-2015 and as directed by Engineer-in-charge.	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	26.00 15.00 0.00 0.00	8481.98 4893.45 0.00 0.00	28.00 30.00 0.00 0.00	9134.44 9766.90 0.00 0.00	76.00 0.00 0.00 0.00	24781.48 0.00 0.00 0.00	41.00 0.00 0.00 0.00	13375.43 0.00 0.00 0.00	27.00 0.00 0.00 0.00	8808.21 0.00 0.00 0.00	28.00 0.00 0.00 0.00	9134.44 0.00 0.00 0.00	271.00 326.23 0.00 0.00	One No	88408.33					
93	Providing and applying anti carbonation, anti fading, mold resistant, heat insulating, and 100% acrylic breathable decorative external waterproof coating of approved shade for Pier/Abutment, Riding return, Square return, Protection wall, Pier / Abutment Cap, Dirt wall, Solid slab etc. having Viscosity @ Room Temperature by Ford cup No. 84 (dilute 2 parts of product with 1 part of water) 1R to 30 sec. pH of 7.00 to 10.00 and Sp. Gravity @ Room Temperature 1.30+0.1, tested for carbon dioxide diffusion resistance properties for coating materials and coating systems for exterior masonry and concrete as per DIN EN 1092-6 (2002-2010) by a (ISIRI Grade "A" accredited institution.	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	521.00 18.00 35.00 137.00	85087.51 2158.02 4238.15 16589.18	323.00 362.00 170.00 81.00	39111.71 42634.18 20585.11 9808.20	1451.00 63.00 231.00 0.00	175879.56 7635.89 27961.58 0.00	875.00 85.00 0.00 0.00	105952.79 10190.65 0.00 0.00	369.00 449.00 0.00 0.00	44681.80 51830.61 0.00 0.00	437.00 169.00 238.00 0.00	52916.33 24944.21 28819.42 0.00	6077.00 120.97 0.00 0.00	One Sqn	735121.14				
94	Carrying out load test of super structure as directed including all necessary materials plant equipment, instruments, labour and arrangements for test directed.	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	100.00 46.00 0.00 0.00	16992.24 190671.84 0.00 0.00	0.00 0.00 0.00 0.00	150.00 282.00 0.00 0.00	25488.36 1168901.28 0.00 0.00	100.00 192.00 0.00 0.00	16992.24 795847.68 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	105.00 98.00 0.00 0.00	17841.60 406213.92 0.00 0.00	455.00 618.00 0.00 0.00	169.92 4145.04 0.00 0.00	One MT	77314.44				
95	Type - B - "THREE" : Metal Beam Crash Barrier (Providing and erecting a "Three" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 3 mm spaced 2 m center to center, 2 m high with 1.15 m below ground level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS-1367 and IS-1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811).	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	46.00 190671.84 0.00 0.00	0.00 0.00 0.00 0.00	150.00 282.00 0.00 0.00	25488.36 1168901.28 0.00 0.00	100.00 192.00 0.00 0.00	16992.24 795847.68 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	105.00 98.00 0.00 0.00	17841.60 406213.92 0.00 0.00	618.00 4145.04 0.00 0.00	One Rmt	256164.72						
96	Providing and fixing guard stone as per I.R.C. type design including white washing etc complete	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	20.00 139.00 0.00 0.00	2071.11 14394.19 0.00 0.00	444.00 0.00 0.00 0.00	45978.55 0.00 0.00 0.00	230.00 0.00 0.00 0.00	23817.72 0.00 0.00 0.00	180.00 0.00 0.00 0.00	18639.95 0.00 0.00 0.00	200.00 0.00 0.00 0.00	20712.00 22783.20 0.00 0.00	50.00 220.00 0.00 0.00	5178.00 22783.20 0.00 0.00	1483.00 0.00 0.00 0.00	103.54 0.00 0.00 0.00	One No	153574.72			
97	Providing and erecting a "W" metal crash barrier comprising of 3mm thick corrugated sheet metal beam rail, 70cm above Road/Ground level, fixed on ISMC series channel vertical post, 150x75x5mm spaced 2m center to center, 1.6m high, 1.1m below ground/road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS-1367 and IS-1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810.	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	46.00 190671.84 0.00 0.00	0.00 0.00 0.00 0.00	150.00 282.00 0.00 0.00	25488.36 1168901.28 0.00 0.00	100.00 192.00 0.00 0.00	16992.24 795847.68 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	105.00 98.00 0.00 0.00	17841.60 406213.92 0.00 0.00	618.00 4145.04 0.00 0.00	One Rmt.	394686.26						
98	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and deposit it as directed with all haul & fill.	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	30.00 20.00 0.00 0.00	3277.25 2184.83 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	50.00 0.00 0.00 0.00	109.24 0.00 0.00 0.00	One Cum	5462.08					
99	Scarifying bituminous macadam surface 6 cm to 10 cm depth including stacking useful materials on road side and disposing off remaining stuff (A) On Existing Road	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	85.00 1536.00 100.00 0.00	3536.00 7582.38 16085.59 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	50.00 126.50 247.00 0.00	5462.08 126.50 247.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	41.00 0.00 0.00 0.00	1788.80 0.00 0.00 0.00	238.00 0.00 0.00 0.00	9400.00 0.00 0.00 0.00	1229.00 0.00 0.00 0.00	41.00 0.00 0.00 0.00	One Sqn	51126.50
100	Construction of Subgrade with approved material obtained from borrow pits with all lifts and beds, transporting to site spreading, grading to required slope and compacting to meet requirement to MoRTH table 300-2 in layers not more than 200 mm thick as directed by engineer in charge.(Effective CBR Minimum 8 %)	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	26.00 55.00 0.00 0.00	15933.79 93776.00 34323.24 0.00	23.00 45.00 250.00 0.00	27898.30 54983.63 30824.28 0.00	106.00 126.50 0.00 0.00	150268.78 54793.30 0.00 0.00	123.00 57.50 0.00 0.00	125610.55 58813.88 0.00 0.00	8.00 110.00 0.00 0.00	8187.80 112513.50 0.00 0.00	56.00 125.00 0.00 0.00	35923.32 124793.70 0.00 0.00	1127.50 0.00 0.00 0.00	1175.46 0.00 0.00 0.00	One Cum	178506.04			
101	Construction of granular sub-base (Grade - II) by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with motorizer at CMC, and compacting with vibratory roller to achieve the desired density, complete as per MoRTH clause 401.	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	13.00 76.50 28.00 0.00	15933.79 93776.00 34323.24 0.00	23.00 45.00 250.00 0.00	27898.30 54983.63 30824.28 0.00	106.00 126.50 0.00 0.00	150268.78 54793.30 0.00 0.00	123.00 57.50 0.00 0.00	125610.55 58813.88 0.00 0.00	8.00 110.00 0.00 0.00	8187.80 112513.50 0.00 0.00	56.00 125.00 0.00 0.00	35923.32 124793.70 0.00 0.00	1127.50 0.00 0.00 0.00	1175.46 0.00 0.00 0.00	One Cum	132536.13			
		0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	81.00 117.50 144035.03 318.04	28918.20 460.00 144035.03 365724.33	135.00 60.00 0.00 0.00	64197.30 0.00 0.00 0.00	212.00 0.00 0.00 0.00	75666.12 0.00 0.00 0.00	6.00 0.00 0.00 0.00	8.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	72.00 0.00 0.00 0.00	23704.72 0.00 0.00 0.00									

Sr No	Item Description	Construction of House Pipe Drain on Deewala Yassi Hanustar Road Between Km.16/500 to 16/810 (ODR) Ta.Dwaraka	Construction of House Pipe Drain on Padali Ta Goriyali Road Between Km.4/600 To 4/600 (ODR) Ta.Dwaraka	Construction of House pipes Drain on Gaga Approach Road Between Km.3/300 to 3/600 (MDR) Ta.Devbhumi Dwaraka	Construction of House pipes Drain on Bhatwadiya Gokulpur Road Between Km.2/500 to 2/700 (ODR) Ta. Kalyanpur	Construction of Vented Cuseway & F/W On Dholamajwar Nanabhada Aniyari Khatumba Road Between 7/600 to 7/800 (ODR) Ta.Dwaraka	Construction of House pipes Drain On Gaga Approach Road Between Km.3/600 to 3/800 Ta.Devbhumi Dwaraka	Construction of High level Vented Cuseway On Kometi to Khakhara Road Between Km.4/600 to 4/600 (VR) Ta.Kalyanpur	Construction of Low Level Cuseway On Jamnagar Jashipuram To Join MDR Road Between Km.1/250 to 1/350 (VR) Ta.Bhanvad	Construction of Vehical Cuseway On Salasuri To Jamdevallya Road Between Km.1/100 to 1/300 Ta.Kalyanpur	Construction of House Pipes Drain On Dwaraka Yassi Hanustar Road Between Km.16/200 to 16/220 (ODR) Ta Dwaraka	Construction of New Minor Bridge on Local River at Ch. 7/600 to 7/700 & Cuseway of Pipe Culvert at Ch. 1/600 to 1/300 on Tera Khatumbra Sandhla road Taluka Bhawanad District Dwaraka	CONSTRUCTION OF BOX TYPE MINOR BRIDGE AT CH. 9/980 TO 1/000 & PIPE CULVERT AT CH.1/000 TO 1/200 ON SAJADULLI GUNDA ROAD TAL. BHANWAD DIST. DEV BHUMI DWARKA.	CONSTRUCTION OF NEW MINOR BRIDGE ON VASAL-MAKANPUR ROAD AT CH. 3/40 TO 4/00 TALUKA DWARKA DISTRICT DEVBHUMI DWARKA.	Reconstruction of Existing Bridge on Local River at Ch. 2/580 to 2/700 on Dangarad Ashiyadar Road, Taluka- Kalyanpur, District - Dev Bhumi Dwaraka.	CONSTRUCTION OF NEW BOX CULVERT ON LOCAL RIVER AT CH. 9/460 TO 9/580 ON HABIPUR-PANOLI ROAD TALUKA KALYANPUR DISTRICT DEVBHUMI DWARKA	RECONSTRUCTION OF EXISTING BRIDGE ON LOCAL RIVER AT CH. 9/900 TO 6/200 ON DANTA TO HIGHWAY ROAD NEAR DANTA VILLAGE KHAMBHALIYA	Total Qty	Rate	Unit	Amount							
102	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam (in two layers) specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with power sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density, complete as per MoRTH clause 406.	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	22.00 76.50 46.00	40435.36 140605.47 84547.08	38.00 75.00 250.00	64491.43 127285.76 424285.88	177.00 126.50 0.00	384190.89 274577.11 0.00	57.20 0.00 0.00	85000.34 0.00 0.00	110.00 0.00 0.00	163462.20 0.00 0.00	60.00 125.00 0.00	86555.40 150323.75 0.00	1161.20	1767.33	One Cum	2055760.85	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.50	265586.13	363.00	616663.05	303.50	658768.00	57.20	85000.34	110.00	163462.20	185.00	246879.15					
103	Providing and applying Prime coat with Slew Setting Bitumen Emulsion binder (RS-1) @ rate of 7.5 Kg./10 sqm. of road surface using Emulsion pressure sprayer etc.,cleaning the road surface complete including cost of material labour etc complete as directed by engineer in charge.	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	75.00 381.00 183.00	4926.25 22993.35 11044.05	150.00 290.00 1220.00	9044.55 17486.13 79562.34	706.00 633.00 0.00	41399.84 37119.12 0.00	571.50 0.00 0.00	33381.32 0.00 0.00	550.00 0.00 0.00	32109.00 0.00 0.00	238.00 605.00 0.00	13927.76 35404.60 0.00	5602.50	59.26	One Sqm	331998.31
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	639.00	38563.65	1666.00	100093.02	1339.00	78518.96	571.50	33381.32	550.00	32109.00	843.00	49332.36					
104	Providing and applying tack coat with Rapid Setting Bitumen Emulsion binder (RS-1) @ rate of 2.5 Kg./10 sqm. of road surface using Emulsion pressure sprayer etc., cleaning the road surface complete including cost of material labour etc complete as directed by engineer in charge.	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	75.00 381.00 183.00	1261.50 6408.42 3078.06	130.00 290.00 1220.00	2521.46 4874.83 20507.90	706.00 633.00 0.00	41399.84 37119.12 0.00	571.50 0.00 0.00	33381.32 0.00 0.00	550.00 0.00 0.00	13277.90 0.00 0.00	238.00 605.00 0.00	9754.84 14628.90 0.00	5603.00	19.22	One Sqm	107684.61
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	639.00	10747.98	1660.00	27904.19	1339.00	21357.50	572.00	13813.80	550.00	13277.90	843.00	20383.74					
105	Providing and laying 25 mm thick (Compacted) Semi -dense Bituminous concrete on existing bituminous surface and using specced graded black trapped machine crushed aggregate with 5% Bitumen VG-30 - 60/70 grade bitumen by Wt of total mix as per MoRTH specification including heating and mixing of asphalt with B.T. chips in continuous batch mix plant and transporting same at site and spreading by sensor paver finisher and consolidation the same with pair of 8 tonnes to 10 tonnes vibratory roller to achieve desire density and including flusing the stone dust @0.03 cum/10sqm including cost of required tools , plants, all machineries, equipment fire wood , oil, kerosene, charges etc. complete.	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	4.35 11.00	16276.26 41156.37	9.00 20.00	32291.59 71625.77	40.60 633.00	148405.18 10191.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	13.70 605.00	43212.96 14628.90	98.65	3577.40	One MT	352910.13
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.35	57434.63	29.00	103857.36	40.60	148405.18	0.00	0.00	0.00	0.00	13.70	43212.96					
106	Providing and laying compacted Bituminous concrete using RT aggregate as per MoRTH gradation specification and asphaltic Grade VG 30 mixing @54.00 Kg /MT of total Wt of mix i.e (5.60% of total weight mix) including heating and mixing aggregate & asphalt by batch mix plant spreading the same by sensor paver finisher including rolling & consolidation with 10-12 tonne vibratory roller,Tandem Roller ,PTR & providing all materials,equipment's tools & plants, fire wood, oil, kerosene,labour charges , using contractor 's own machinery etc. Complete as directed by engineer in charge as per MoRTH Specification	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	9.00 22.00	35607.69 87041.02	18.00 40.00	68192.45 151306.78	84.70 633.00	326214.43 10191.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	28.50 605.00	95589.86 14628.90	202.20	3779.35	One MT	764184.23
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.00	122648.71	58.00	219731.24	84.70	326214.43	0.00	0.00	0.00	0.00	28.50	95589.86					
107	Providing and laying 20 mm thick mix seal surfacing using spcified graded crushed Black Trap stone aggregates as per MoRTH gradation using VG-30 bulk bitumen for mixing at the rate of 5.1 % (51.00 Kg./MT) by hot mix process and hot laid process using paver finisher to the required camber and grade,including rolling with vibratory roller to achieve desier density including cost of fire wood, oil, Kerosene, labour charges and fuel charges of machinaries etc. complete.	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	17.00 65510.01	85510.01 0.00	55.00 0.00	208329.72 0.00	28.00 0.00	103850.28 0.00	25.50 0.00	81990.15 0.00	25.00 0.00	80332.25 0.00	27.00 0.00	88083.72 0.00	177.50	3347.02	One MT	629596.13
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.00	65510.01	55.00	208329.72	28.00	103850.28	25.50	81990.15	25.00	80332.25	27.00	88083.72					
108	Construction of 190mm thick dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS- 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 1:5.1, aggregate gradation after blending to be as per table 600-L, cement content not to be less than 150 kg/ cum, optimum moisture content to be maintain during construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver compacting with 6-10 tonne vibratory roller, finishing and curing as per MoRTH clause 601.	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00					0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	122.60 0.00 0.00 0.00 0.00	398136.14 0.00 0.00 0.00 0.00	3.80 0.00 0.00 0.00 0.00	12242.31 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	128.40	3246.66	One Cum	410378.45
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						0.00	0.00	122.60	398136.14	3.80	12242.31	0.00	0.00				
109	Construction of 200mm thick un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with in M-30 grade of concrete with 43 grade cement , coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site and mechanically laid with a fixed form / slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing as per MoRTH clause 602.	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00					0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	163.40 0.00 0.00 0.00 0.00	1242429.87 0.00 0.00 0.00 0.00	7.50 0.00 0.00 0.00 0.00	56834.14 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	170.50	7602.48	One Cum	1299261.05	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						0.00	0.00	163.40	1242429.87	7.50	56834.14	0.00	0.00				

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DEF
Bhymach

Hand
DCT
Khamthali

Executive Engineer
R&B Panchayat Division
Derbhumi Dwarka

Name of work :- RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE CULVERTS AT VARIOUS LOCATIONS IN DEV-BHOOMI DWARKA DISTRICT (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)

ERROR STATEMENT

Sr. No.	Sub Estimate No.	Details	Construction of Hume Pipe Drain on Dwarka Vasai Hamnagar Road Between Km.16/500 to 16/820 (ODR) Ta.Dwarka	Construction of Hume Pipe Drain on Fadali To Goriyali Road Between Km.4/600 To 4/800 (ODR) Ta.Dwarka	Construction of Hume pipe Drain on Gaga Approach Road Between Km.3/000 to 3/600 (MDR) Ta.Devbhumi Dwarka	Construction of Hume pipes Drain on Bhatvadiya Gokulpur Road Between Km.2/500 to 2/700 (ODR) Ta.Kalyanpur	Construction to Vented Causeway & P/W On Dhotamulavasar Nanabhavda Aniyasari Khatumbha Road Between 7/800 to 7/600 (ODR) Ta.Dwarka	Construction of Hume pipes Drain On Gaga Approach Road Between Km.3/600 to 3/800 Ta.Devbhumi Dwarka	Construction of High level Vented Causeway On Kenedi to Khakhara Road Between Km.9/400 to 9/600 (VR) Ta.Kalyanpur	Construction of Low Level Causeway On Jambusar Jeshipara To Join MDR Road Between Km.1/250 to 1/350 (VR) Ta.Bhanvad	Construction of Vented Causeway On Sanasari To Jamdevvaliya Road Between Km.1/100 to 1/300 Ta.Kalyanpur	Construction of Hume Pipes Drain On Dwarka Vasai Hamnagar Road Between Km.16/200 to 16/220 (ODR) Ta.Dwarka	Construction of skew Slab Drain on Premnar to Tankariya Road Bet. Km. 0/700 to 0/900 Ta. Kalyanpur	Construction of Box Culvert on Raval to Gorana Road (VR) Km.2/60 to 2/70 Ta. Kalyanpur.	Construction of Box Culvert on Suryavadar to Sanjdam Road Between Km. 1/800 to 2/0 (MDR) Ta. Kalyanpur	Construction of New Minor Bridge on Local River at Ch. 7/600 to 7/700 & Construction of Pipe Culvert at Ch. 2/800 to 2/000 on Reia Kalavad-Sankhla road Taluka Bhanvad District Devbhumi Dwarka.	CONSTRUCTION OF BOX TYPE MINOR BRIDGE AT CH. 0/900 TO 1/000 & PIPE CULVERT AT CH. 1/200 TO 1/200 ON SAJADIYALI GUNDA ROAD TAL. BHANVAD DIST. DEVBHUMI DWARKA.	CONSTRUCTION OF NEW MINOR BRIDGE ON VASAL MAKANPUR ROAD AT CH. 3/60 TO 4/00 TALUKA DWARKA DISTRICT DEVBHUMI DWARKA.	Reconstruction of Existing Bridge on Local River at Ch. 2/800 to 2/700 on Dangarvad Ashiyavda Road, Taluka- Kalyanpur, District - Dev Bhumi Dwarka.	CONSTRUCTION OF NEW BOX CULVERT ON LOCAL RIVER AT CH. 0/400 TO 0/600 ON HARIPUR-PANELI ROAD TALUKA KALYANPUR DISTRICT DEVBHUMI DWARKA.	RECONSTRUCTION OF EXISTING BRIDGE ON LOCAL RIVER AT CH. 0/000 TO 0/200 ON DANTA TO HIGHWAY ROAD NEAR DANTA VTLAGE KHAMBHALIYA	Total Amount
A	Not Put to AMOUNT.																					
	In Recapitulation	Quality control.	37,331.16	16,831.66	12,519.66	16,667.38	43,523.34	12,378.50	41,396.28	16,780.01	26,594.68	28,783.80	41,793.80	41,936.72	43,375.41	1,12,352.81	1,49,571.20	3,18,149.29	2,05,086.75	1,21,376.71	1,43,290.03	14,29,739.19
		Contingency & WC	64,200.00	60,000.00	12,300.00	19,500.00	1,30,570.03	29,100.00	81,200.00	6,100.00	1,00,000.00	79,800.00	33,900.00	17,000.00	43,375.41	1,12,352.81	1,49,571.20	3,18,149.29	2,05,086.75	1,21,376.71	1,43,290.03	17,26,872.23
		Ele. Pol sifting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Design Consultancy Fees														2,95,164.17	3,92,941.28	8,35,815.92	5,38,787.23	3,18,871.01	3,76,439.91	27,58,019.53
		GST 18%	6,65,307.81	2,99,970.11	2,23,122.64	2,97,042.50	7,75,663.54	2,20,606.97	7,37,755.52	2,99,049.64	4,73,965.66	5,12,978.53	7,44,840.06	7,47,387.15	7,73,027.02	17,13,856.48	22,81,594.52	48,53,124.71	31,28,442.01	18,51,509.10	21,85,780.13	2,27,85,024.09
	Total		7,66,838.97	3,76,801.77	2,47,942.30	3,33,209.88	9,49,756.91	2,62,985.47	8,60,351.80	3,21,929.65	6,00,560.34	6,21,562.33	8,20,533.86	8,06,323.87	8,59,777.84	22,33,726.26	29,73,678.19	63,25,239.20	40,77,402.75	24,13,133.52	28,48,800.10	2,86,99,655.03
B	Put to Tender Amount.		37,33,115.92	16,83,165.50	12,63,888.90	16,74,336.51	43,52,334.37	12,50,308.25	41,41,221.13	17,16,552.74	26,65,652.48	28,78,379.41	42,03,601.32	42,19,981.35	43,37,540.52	1,01,38,008.35	1,45,61,292.89	2,83,17,132.70	1,83,24,992.16	1,14,39,711.28	1,35,99,191.90	13,45,00,407.67
C	Total (A+B)		44,99,954.89	20,59,967.27	15,11,831.20	20,07,546.39	53,02,091.28	15,12,393.72	50,01,572.93	20,38,482.39	32,66,212.82	34,99,941.74	50,24,135.18	50,26,305.22	51,97,318.36	1,23,71,734.63	1,75,34,971.08	3,46,42,371.90	2,24,02,394.91	1,38,52,844.80	1,64,47,992.00	16,32,00,062.70
D	Amt. of Dismantled materials / Diversion Credit as per GR (whichever is applicable) recovered from RA bill of contractor.		-	-	11,923.00	7,598.00	-	12,458.00	1,593.00	38,552.00	6,184.00	-	24,221.00	26,309.00	-	6,16,583.48	18,85,767.78	13,55,328.79	9,44,759.38	11,53,549.63	14,55,968.98	75,40,796.04
E	Rounding and Error.		45.11	32.73	91.80	51.61	8.72	64.28	20.07	69.61	71.18	58.26	85.82	3.78	81.64	848.85	796.70	956.89	364.47	704.83	976.99	5,333.34
D	Total Estimated Amount		45,00,000.00	20,60,000.00	15,00,000.00	20,00,000.00	53,02,100.00	15,00,000.00	50,00,000.00	20,00,000.00	32,60,100.00	35,00,000.00	50,00,000.00	50,00,000.00	51,97,400.00	1,17,56,000.00	1,56,50,000.00	3,32,88,000.00	2,14,58,000.00	1,27,00,000.00	1,49,93,000.00	15,56,64,600.00

Deputy Executive Engineer
R&B Panchayat Sub Division

Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.

Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.
Bhanvad.

Executive Engineer
R&B Panchayat Division
Devbhumi Dwarka

Name of Work :

RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE CULVERTS AT VARIOUS LOCATIONS IN DEV-BHOOMI DWARKA DISTRICT (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE – 2)

Statement showing cost of material labour component for price adjustment

Sr. No.	Description	Amount	Amount in Lacs.
1	Total Work Amount Put to Tender	13,45,00,407.67	1345.00
2	Total Cost of Cement	2,79,86,983.10	279.87
3	Total Cost of Steel	1,92,37,225.00	192.37
4	Total Cost of Bitumen	13,20,560.64	13.21
5	Cost of Fuel & Lubricant (POL)	87,29,060.14	87.29
6	Cost of Material other than Cement, Steel & Asphalt	2,29,99,560.16	230.00
7	Cost of Labour & Machinery [1-(2+3+4+5+6+7)]	5,42,27,018.63	542.27
7(i)	Cost of Labour (Consider 70% of Sr.No8)	3,79,58,913.04	379.59
7(ii)	Cost of Plant & Machinery Spares (Consider 30 % of Sr.No8)	1,62,68,105.59	162.68
1	% of Labour Pl (Col-7.1/1)	28.22	
2	% of Cement Pc (Col-2/1)	20.81	
3	% of Steel Ps (Col-3/1)	14.30	
4	% of Bitumen Pb (Col-4/1)	0.98	
5	% of P.O.L. Pf (Col-5/1)	6.49	
6	% of Plant & Machinery Spares Pp (Col-7.2/1)	12.10	
7	% of Other Materials Pm (Col-6/1)	17.10	

**Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.**

**Deputy Executive Engineer,
R&B Panchayat Sub Division,**

**Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.**

**Executive Engineer,
R&B Panchayat Division,
Devbhumi Dwarka**



RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE CULVERTS AT VARIOUS LOCATIONS IN DEVBHUMI DWARKA DISTRICT (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)

ASPHALT CONSUMPTION STATEMENT

Item No. (As per Tender)	Item	Qty	Unit	Asphalt	Emulsion (Rapid/Slow) M.T.
103	Providing and applying Prime coat with Slow Setting Bitumen Emulsion binder (SS- 1) @ rate of 7.5 Kg./10 sq.m. of road surface using Emulsion pressure sprayer etc., cleaning the road surface complete including cost of material labour etc complete as directed by engineer in charge.	5602.00	Sqm		0.75 kg /Sqm = 0.75 x 5602 = 4201.50 Kg = 4.20 MT
104	Providing and applying tack coat with Rapid Setting Bitumen Emulsion binder (RS- 1) @ rate of 2.5 Kg./10 sq.m. of road surface using Emulsion pressure sprayer etc., cleaning the road surface complete including cost of material labour etc complete as directed by engineer in charge.	5603.00	Sqm		0.25 kg /Sqm = 0.25 x 5603 = 1400.75 Kg = 1.40 MT
105	Providing and laying 25 mm thick (Compacted) Semi -dense Bituminous concrete on exiting bituminous surface and using specified graded black trapped machine crushed aggregate with 5% Bitumen Vg-30 - 60/70 grade bitumen by Wt of total mix as per MORTH specification including heating and mixing of asphalt with B.T. chips in continuous batch mix plant and transporting same at site and spreading by sensor paver finisher and consolidation the same with pair of 8 tonnes to 10 tonnes vibratory roller to achieve desire density and including flushing the stone dust @0.03 cum/10smt including cost of required tools , plants, all machineries, equipment fire wood , oil, kerosene, charges etc. complete.	98.65	MT	$= \frac{50 \times 98.65}{1000}$ $= \frac{50.0 \times 98.7}{1000}$ = 4.94 M.T.	
106	Providing and laying compacted Bituminous concrete using BT aggregate as per MORTH gradation ,specification and asphalt Grade VG 30 mixing @54.00 Kg /MT of total Wt. of mix i.e. (5.40% of total weight mix) including heating and mixing aggregate & asphalt by batch mix plant spreading the same by sensor paver finisher including rolling & consolidation with 10-12 tonne vibratory roller, Tandem Roller ,PTR & providing all materials equipment's tools & plants, fire wood, oil , kerosene, labour charges , using contractor 's own machinery etc. Complete as directed by engineer in charge as per MoRTH Specification	202.20	MT	$= \frac{54 \times 202.2}{1000}$ $= \frac{54.0 \times 202.2}{1000}$ = 10.92 M.T.	

Item No. (As per Tender)	Item	Qty	Unit	Asphalt	Emulsion (Rapid/Slow) M.T.
107	Providing and laying 20 mm thick mix seal surfacing using specified graded crushed Black Trap stone aggregates as per MORTH gradation using VG-30 bulk bitumen for mixing at the rate of 5.1 % (51.00 Kg./M.T.) by hot mix process and hot laid process using paver finisher to the required camber and grade, including rolling with vibratory roller to achieve desire density including cost of fire wood, oil, Kerosene, labour charges and hire charges of machineries etc. complete.	177.50	MT	$= \frac{51 \times 177.5}{1000}$ $= \frac{51.0 \times 177.5}{1000}$ $= 9.06 \quad \text{M.T.}$	
		Type of Ashpalt		Asphalt (VG-30)	Emulsion (Slow & Rapid) M.T.
		Total Asphalt		24.920	RS 1.40
				M.T.	SS 4.20

[Signature]
Deputy Executive Engineer,
& B. (Panchayat) Sub Division
JAM-KHAMBHALIA.

[Signature]
Deputy Executive Engineer,
R&B Panchayat Sub Division,

[Signature]
Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.
Bhanvad

[Signature]
Executive Engineer,
R&B Panchayat Division,
Devbhumi Dwarka

RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE CULVERTS AT VARIOUS LOCATIONS IN DEVBHUMI DWARKA DISTRICT (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)

CEMENT CONSUMPTION

Sr. No.	Item No. (As per Tender)	Grade of Concrete	Brief Description	Qty.	Unit	Rate of Consumption in Kg per unit	Cement consumption in kg.
1	20	M-15	For PCC	81.40	Cum	290.00	23,606.00
2	21	M-15	For PCC without V-grooves for all Height.	3853.10	Cum	290.00	11,17,399.00
	22	M-10	For PCC Below Foundation	620.50	Cum	220.00	1,36,510.00
3	23	M-15	For PCC below Foundation	1013.80	Cum	290.00	2,94,002.00
4	29	M-20	For RCC Pier, Abutment, Return wall	711.10	Cum	360.00	2,55,996.00
5	31	M-20	For RCC Raft footing	92.60	Cum	360.00	33,336.00
6	32	M-20	For Toe wall	330.00	Cum	360.00	1,18,800.00
7	35	M-20	For RCC Pier cap, Abutment cap, Dirt wall	20.20	Cum	360.00	7,272.00
8	39	M-20	For RCC Wearing Coat	372.70	Cum	360.00	1,34,172.00
9	41	M-20	For RCC Approach slab	23.60	Cum	360.00	8,496.00
10	44	M-20	For RCC Kerb	9.70	Cum	360.00	3,492.00
11	33	M-25	For RCC Raft footing	95.20	Cum	380.00	36,176.00
12	37	M-25	For RCC Solid slab	167.90	Cum	380.00	63,802.00
13	42	M-25	For RCC Approach slab	15.80	Cum	380.00	6,004.00
14	34	M-30	For RCC Raft footing	3064.00	Cum	410.00	12,56,240.00
15	30	M-30	For RCC Pier, Abutment, Return wall	2372.00	Cum	410.00	9,72,520.00
16	36	M-30	For RCC Pier cap, Abutment cap, Dirt wall	192.00	Cum	410.00	78,720.00
17	38	M-30	For RCC Solid slab	1068.00	Cum	410.00	4,37,880.00
18	40	M-30	For RCC Wearing Coat	168.50	Cum	410.00	69,085.00
19	45	M-30	For RCC Kerb	192.00	Cum	410.00	78,720.00
20	43	M-30	For RCC Approach slab	199.00	Cum	410.00	81,590.00
21	108	M-15	Dry Lean Cement Concrete	126.40	Cum	150.00	18,960.00
22	109	M-30	Pavement quality concrete	170.90	Cum	410.00	70,069.00
			Total Qty. = 14960.40	Cum			


Sr. No.	Item No. (As per Tender)	Grade of Concrete	Brief Description	Qty.	Unit	Rate of Consumption in Kg per unit	Cement consumption in kg.
For Sign Board							
21	27	M-20	For RCC Parapet wall	107.00	Rmt	30.73	3,288.11
22	28	M-30	For RCC Parapet wall	238.00	Rmt	35.00	8,330.00
80			Regulatory/Mandatory Sign Board	31.00	Nos.	83.20	2,579.20
81			Distance Inf. Sign Board	12.00	Nos.	41.60	499.20
82			Diversion ahead sign board	12.00	Nos.	83.20	998.40
83			Men at Work sign	12.00	Nos.	83.20	998.40
84			Sign board per Square meter	24.00	Nos.	83.20	1,996.80
85, 89			Cautionary warnign sign	20.00	Nos.	41.60	832.00
86			Chevron sign baord	76.00	Nos.	83.20	6,323.20
87, 88			Hazard marker Sign Board	20.00	Nos.	41.60	832.00
90			MMGSY Sign Board	6.00	Nos.	41.60	249.60
96			Guard Stone	1483.00	Nos.	11.70	17,351.10
						Total in Kg.	53,47,125.01
						SAY KG.	53,47,150.00
						i.e. Bags.	106943.00
						i.e. M.T.	5347.15
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p align="center"> Deputy Executive Engineer, & B. (Panchayat) Sub Division JAM-KHAMBHALIA. </p> <p align="center"> Deputy Exeuctive Engineer, R&B Panchayat Sub Division, </p> </div> <div style="width: 45%;"> <p align="center"> Deputy Executive Engineer, R. & B. (Panchayat) Sub Division JAM-KHAMBHALIA. </p> <p align="center"> Executive Engineer, R&B Panchayat Division, Devbhumi Dwarka </p> </div> </div>							

RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE CULVERTS AT VARIOUS LOCATIONS IN DEVBHUMI DWARKA DISTRICT (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)

STEEL CONSUMPTION

Item No. (As per Tender)	Brief Description	Qty. in MT	Unit
51	Fe 500/550D for RCC Open Foundation	29.30	MT
52	Fe 500/500D for Pier, Abutment, & RCC side walls	77.17	MT
53	Fe 500/550D for Pier cap & Abutment cap with Dirt wall	17.90	MT
54	Fe 500/550D for RCC Solid slab	107.70	MT
55	Fe 500/500D for R.C.C. Kerb, R.C.C Footpath, R.C.C. Approach slab, R.C.C Architectural Pylon, RCC Wearing Coat	75.68	MT
56	Fe 500/500D for R.C.C. Kerb, R.C.C Footpath, R.C.C. Approach slab, R.C.C Architectural Pylon, RCC Wearing Coat	16.00	MT
	Total Qty. =	323.75	MT


Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.


Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.
 Bhavnagar


Deputy Executive Engineer,
R&B Panchayat Sub Division,



Executive Engineer,
R&B Panchayat Division,
 Devbhumi Dwarka

RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE CULVERTS AT VARIOUS LOCATIONS IN DEVBHUMI DWARKA DISTRICT (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)


COST OF BASIC MATERIALS

Sr. No.	Materials	Qty.	Unit	Rate	Per	Amount in Rs.
1	2	3	4	5	6	7
1	Cement	5347.150	M.T.	5234.00	M.T.	2,79,86,983.10
2	Steel	323.75	M.T.	59420.00	M.T.	1,92,37,225.00
3	Bulk Asphalt (VG-30)	24.920	M.T.	52992.00	M.T.	13,20,560.64
	TOTAL					4,85,44,768.74


Deputy Executive Engineer,
& B. (Panchayat) Sub Division
JAM-KHAMBHALIA.


Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
~~JAM-KHAMBHALIA.~~
Bhuvud


Deputy Executive Engineer,
R&B Panchayat Sub Division,


Executive Engineer,
R&B Panchayat Division,
Devbhumi Dwarka

Qty. calculation of different material

It No (As per Tender)	Item	4.75 to 9.5 mm 2.36 to 4.75 mm 2.36 to 9.5 mm	9.5 to 53 mm 22.4 to 45 mm 19 to 26.5 mm	2.36 to 22.4 mm 4.75 to 13.2 mm	13.2 to 19.0 mm 26.5 to 37.5 mm 13.2 to 26.5 mm 9.5 to 13.2 mm	45 to 63 mm	SAND	STONE DUST
48	Sand						100.0%	
	2611.00						2611.00	
	Cmt							
101	GSB-I	30.0%	50.0%					20.0%
	1127.5	432.96	721.60					288.64
	Cmt							
8	WBM			11.03%		83.5%		5.52%
	346.9			55.48		419.76		27.77
	Cmt							
102	WMM		30.0%	40.0%				30.0%
	1163.2		460.63	614.17				460.63
	Cmt							
106	BC	28.94%			21.06%			50.00%
	202.2	38.62			28.1			66.73
	MT							
105	SDBC	28.94%			21.06%			50.00%
	98.65	18.84			13.71			32.55
	MT							
107	MSS	44.00%			30.00%			26.00%
	177.5	51.55			35.15			30.46
	MT							
47	Filter media		65%				17.50%	17.50%
	1424.1		666.48				179.436	179.436
	Sqmt							
	For Other Item		66.67%				33.33%	
	14960.40		13465.00				6732.00	
	Cum							
Total Qty (in Cum) =		541.97	15313.71	669.65	76.96	419.76	9522.44	1086.21

Deputy Executive Engineer,
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R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.

Executive Engineer,
R&B Panchayat Division,
Devbhumi Dwarka

Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.
Phunva


RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE CULVERTS AT VARIOUS LOCATIONS IN DEVBHUMI DWARKA DISTRICT (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)

COST OF OTHER MATERIALS

Sr. No.	Item No. (As per Tender)	Materials	Qty.	Unit	Rate	Per	Amount in Rs.
1	2	3	4	5	6	7	8
1		Sand	9522.44	Cmt.	272.80	Cum	25,97,720.54
2		4.75 to 9.5 mm, 2.36 to 4.75 mm, 2.36 to 9.5 mm	541.97	Cmt.	315.50	Cmt.	1,70,991.54
3		9.5 to 53 mm, 22.4 to 45 mm, 19 to 26.5 mm	15313.71	Cmt.	418.60	Cmt.	64,10,242.44
4		2.36 to 22.4 mm, 4.75 to 13.2 mm	669.65	Cmt.	453.02	Cmt.	3,03,365.50
5		13.2 to 19.0 mm, 26.5 to 37.5 mm, 13.2 to 26.5 mm, 9.5 to 13.2 mm	76.96	Cmt.	448.89	Cmt.	34,546.83
6		45 mm to 63 mm	419.76	Cmt.	459.28	Cmt.	1,92,786.30
7		Stone dust	1086.21	Cmt.	164.59	Cmt.	1,78,779.61
8	5, 6, 100, 62	Earth	22128.50	Cmt.	99.00	Cmt.	21,90,721.50
9	19, 24, 25	Rubble	397.70	Cmt.	231.99	Cmt.	92,262.42
10	3	Barricade	204.00	No	2125.00	No	4,33,500.00
11	4	Watercourse/ cofferdam	18.00	LS	35000.00	LS	6,30,000.00
12	18	Dowel bars	636.00	Rmt	315.00	Rmt	2,00,340.00
13	26	Stone Pitching	856.00	Sqmt	522.00	Sqmt	4,46,832.00
14	46	Weep hole	2056.00	No	61.00	No	1,25,416.00
15	49	Dowel bars	12.00	No.	239.00	No.	2,868.00
16	50	Dowel bars	24.00	No.	297.00	No.	7,128.00
17	57	FBEC	62.70	MT	8729.43	MT	5,47,335.26
18	58	Asphalt filler joint	191.10	Sqmt	492.00	Sqmt	94,021.20
19	59	G I Drainage spouts	156.00	No.	375.00	No.	58,500.00
20	60	Flood gauge marks	60.30	Rmt	117.00	Rmt	7,055.10
21	61	Synthetic Enamel Paint	1012.50	Sqm	57.00	Sqm	57,712.50
22	63	CD Number painting	2.00	Nos.	41.00	Nos.	82.00
23	64	NP-3 600 dia pipe	45.00	Rmt	1655.00	Rmt	74,475.00
24	65, 66	NP-3 900 dia pipe	688.50	Rmt	2780.00	Rmt	19,14,030.00
25	67	NP-3 1200 dia pipe	22.50	Rmt	4223.00	Rmt	95,017.50
26	68	NP-4 1200 dia pipe	87.00	Rmt	4635.00	Rmt	4,03,245.00
27	78	Temporary Diversion	817.00	Rmt	1503.00	Rmt	12,27,951.00
28	79	Flood gauge mark	8.00	Nos.	912.00	Nos.	7,296.00
29	80	Regulatory Sign board	31.00	Nos.	2771.00	Nos.	85,901.00
30	81	distance Inf. Sign board	12.00	Nos.	12551.00	Nos.	1,50,612.00
31	82	Diversion ahead sign board	12.00	Nos.	6403.00	Nos.	76,836.00
32	83	Men at work	12.00	Nos.	2977.00	Nos.	35,724.00
33	84	Sign board per square meter	24.00	Nos.	7387.00	Nos.	1,77,288.00
34	85	Cautionary sign board (C)	12.00	Nos.	3046.00	Nos.	36,552.00
35	86	Chevron sign	76.00	Nos.	2809.00	Nos.	2,13,484.00
36	87	Hazard Marker Sign (C)	18.00	No	2199.78	No	39,596.04

Sr. No.	Item No. (As per Tender)	Materials	Qty.	Unit	Rate	Per	Amount in Rs.
1	2	3	4	5	6	7	8
37	88	Hazard Marker Sign (B)	2.00	No	2111.21	No	4,222.42
38	89	Cautionary sign board (A)	8.00	No	2285.19	No	18,281.52
39	90	MMGSY Board	6.00	No	6917.49	No	41,504.94
40	91	Road Marking	421.00	Sqm	257.00	Sqm	1,08,197.00
41	92	Cat Eye	271.00	Each	228.00	Each	61,788.00
42	93	Anticarbonation Paint	6077.00	Sqmt	84.68	Sqmt	5,14,600.36
43	95	Thrie-Metal Beam Crash Barrier	618.00	Rmt	2901.53	Rmt	17,93,145.54
44	97	W-Metal Beam Crash Barrier	106.00	Rmt	2606.42	Rmt	2,76,280.52
45	97	W-Metal Beam Crash Barrier	106.00	Rmt	2606.42	Rmt	2,76,280.52
46	110	Diversion work for pipe culvert	1.00	JOB	150000.00	JOB	1,50,000.00
47		Emulsion (RS-1)	1.40	MT	53382.00	MT	74,774.84
48		Emulsion (SS-1)	4.20	MT	85748.00	MT	3,60,270.22
TOTAL							2,29,99,560.16


Deputy Executive Engineer,
R&B Panchayat Sub Division,


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R&B Panchayat Division,
Devbhumi Dwarka


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JAM-KHAMBHALIA.


Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
~~JAM-KHAMBHALIA.~~

Bhumvad

RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE CULVERTS AT VARIOUS LOCATIONS IN DEVBHUMI DWARKA DISTRICT (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)

CALCULATION FOR COST OF POL

No.	Materials				Amount in Rs.			
[1]	Cement	5347.15	M.T.					
	20 M.T. / trip - Average lead Km.	=	50.00					
	No. of trips	=	5347.15	/	20	=	267.00	Trip
	Distance Traveled	=	267	x	50.00	=	13350	Km.
	Diesel :	=	5.00	Km. / Liter				
	Oil :	=	140.00	Km. / Liter				
						Rate		
	Diesel Cost	=	13350	/	5	x	88.00	= 234960.00
	Oil Cost	=	13350	/	140	x	155.08	= 14787.99
							Total	= <u>2,49,747.99</u> [1]
[2]	Steel							
	TMT Steel	=	323.750	M.T.				
	20 M.T. / trip - Average lead Km.	=	50.00					
	No. of trips	=	323.750	/	20	=	16.00	Trip
	Distance Traveled	=	16	x	50.00	=	800	Km.
	Diesel :	=	5.00	Km. / Liter				
	Oil :	=	140.00	Km. / Liter				
						Rate		
	Diesel Cost	=	800	/	5.00	x	88.00	= 14080.00
	Oil Cost	=	800	/	140.00	x	155.08	= 886.17
							Total	= <u>14,966.17</u> [2]
[3]	Bulk Asphalt	=	24.920	M.T.				
	20 M.T. / trip - Average lead Km.	=	430.00					
	No. of trips	=	24.920	/	20	=	2.00	Trip
	Distance Traveled	=	2	x	430.00	=	860	Km.
	Diesel :	=	5.00	Km. / Liter				
	Oil :	=	140.00	Km. / Liter				
						Rate		
	Diesel Cost	=	860	/	5.00	x	88.00	= 15136.00
	Oil Cost	=	860	/	140.00	x	155.08	= 952.63
							Total	= <u>16,088.63</u> [3]
[4]	Sand & Murrum	=	17140.38	MT				
	14 MT. / trip - Average lead Km.	=	240.00					
	No. of trips	=	17140.38	/	14.00	=	1224.00	Trip
	Distance Traveled	=	1224	x	240.00	=	293760	Km.
	Diesel :	=	5.00	Km. / Liter				
	Oil :	=	140.00	Km. / Liter				
						Rate		
	Diesel Cost	=	293760	/	5.00	x	88.00	= 5170176.00
	Oil Cost	=	293760	/	140.00	x	155.08	= 325402.15
							Total	= <u>54,95,578.15</u> [4]

No.	Materials					Amount in Rs.		
[5]	B.T grit ,kapchi, Metal ,Stone dust							
	14 MT / trip - Average lead Km.	=	27758.94		MT			
	No. of trips	=	27758.94	/	14.00	=	1983.00	Trip
	Distance Traveled	=	1983	x	58.00	=	115014	Km.
	Diesel :	=	5.00	Km. / Liter				
	Oil :	=	140.00	Km. / Liter				
						Rate		
	Diesel Cost	=	115014	/	5.00	x	88.00	= 2024246.40
	Oil Cost	=	115014	/	140.00	x	155.08	= 127402.65
						Total	=	<u><u>21,51,649.05</u></u> [5]
[6]	Emulsion Asphalt							
	20 M.T. / trip - Average lead Km.	=	5.60	M.T.				
	No. of trips	=	5.602	/	20	=	1.00	Trip
	Distance Traveled	=	1.00	x	430.00	=	430.00	Km.
	Diesel :	=	5.00	Km. / Liter				
	Oil :	=	140.00	Km. / Liter				
						Rate		
	Diesel Cost	=	430	/	5.00	x	88.00	= 7568.00
	Oil Cost	=	430	/	140.00	x	155.08	= 476.32
						Total	=	<u><u>8,044.32</u></u> [6]
[7]	Concrete Batch mix plant							
	Total Concrete in Cum	=	14960.40	Cum				
	Considering concreting can be done at 30 cu.mt/day and							
	15 liter diesel consumed per day for running concrete mixer machine per day.							
		=	14960.40	/	30	=	498.68	Days
	Day			liter/day				
	Diesel	=	498.68	x	15	=	7480.2	Liter Diesel
						Rate		
	Diesel Cost	=	7480.20	x	88.00		=	658257.60
						Total	=	<u><u>6,58,257.60</u></u> [7]

No.	Materials		Amount in Rs.
[8] Consolidation			
a	Earthwork		
	Area =	110642.50	= 110642.50 Sq.mt.
b	BM		
	Area =	0.00	= 0.00 Sq.mt.
c	GSB		
	Area =	7516.67	= 7516.67 Sq.mt.
d	WMM & WBM		
	Area =	11618.27	= 11618.27 Sq.mt.
e	MSS (Diversion)		
	Area =	4034.09	= 4034.09 Sq.mt.
g	B.C (Approach)		
	Area =	2151.06	= 2151.06 Sq.mt.
h	Sand Filling		
	Area =	13055.00	= 13055.00 Sq.mt.
	Total Consolidation (a) to (g) =		149017.59 Sq.mt.
For Consolidation		1460 Sq.mt.-15Liter Diesel Required	
Diesel required =		$\frac{149017.59 \times 15}{1460.00}$	= 1531.00 Lit.
Now Cost of Diesel =		1531.00 x 88.00	=
			Total = 1,34,728.23 [8]
Total Cost of POL = [1] To [6] =			<u>87,29,060.14</u> Rs.

Name of work :-
**RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE
CULVERTS AT VARIOUS LOCATIONS IN DEVBHUMI DWARKA DISTRICT (PANCHAYAT)
UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)**

CERTIFICATE


This is Certify that


- 1.0 Description of the condition of contract attached with DTP are thoroughly checked and found a per gujarat Public works manuals.
- 2.0 The condition of contract and prectibed from attached with DTP of the proposed Road works are ammended/modified/replaced as per the time to time instruction issued by Government.
- 3.0 BOQ memorendum and other precribed forms of DTP is 100% thoroughly checked w.r.t. arithmatically aspects and forund correct.


Senior Clerk
Panch. R&B Sub Division


**Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.**


Deputy Executive Engineer
Panch. R&B Sub Division


Tender Clerk
Panch. R&B Division
Devbhumi Dwarka


Divisional Accountant
Panch. R&B Division
Devbhumi Dwarka


Executive Engineer
Panch. R&B Division
Devbhumi Dwarka


**Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division**

JAM-KHAMBHALIA.


Bhannud


Name of work :-
**RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE
CULVERTS AT VARIOUS LOCATIONS IN DEVBHUMI DWARKA DISTRICT (PANCHAYAT)
UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)**


CERTIFICATE

This is Certify that


- 1.0 Description of the General Technical Specification the Detailed Specification of Items attached with DTP are thoroughly checked and found as per Gujarat public work manuals,
- 2.0 The General Technical specification and detailed sepcification of items of the proposed road works are amended/modified/replaced as per the time ti time istruction issued by the Government.
- 3.0 The detailed sepcification of each items are provided as per accorded technical sanctioned plan and estimated.
- 4.0 BOQ, C and schedule for restig of materials of DTP is thoroughly checked w.r.t technical aspects,
- 5.0 Submitted DTP is checked and verified with respect to all points and found is order personally and there is no any ambiguity of descrepancy so as to lead any finanacial or contractual implications.
- 6.0 Necessary required drawing i.e Index Map, Alighment plant and Taluka map and Typical cross section are attached with DTP



Add. Assi. Engineer
Panch. R&B sub Division


Deputy Executive Engineer
Panch. R&B sub Division


Executive Engineer
Panch. R&B Division
Devbhumi Dwarka


Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.


Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.


Bhunnu

Name of work :-
**RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE
 CULVERTS AT VARIOUS LOCATIONS IN DEVBHUMI DWARKA DISTRICT
 (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)**

PROFORMA-A
(To Accompany with Submission of DTP)

1. Tender Forms DTP			
A	Whether the Old clauses are replaced by the latest clauses as per Government instruction. ?		Yes
B	If yes, State the number wise details of clauses replaced.		-
C	Whether time limit entered its is proportion with the amount and number of work. ?		Yes
D	Whether the details vise mention of security Deposit etc. are written in tender form ?		As per SBD
2. Schedule-A			
A	Whether schedule-A gives details of the materials to be supplied under Schedule-A ?		To be purchase from open market through contractor.
B	Does it mention the correct place of delivery of materials to be supplied under Schedule-A ?		N.A
C.	Whether the rates of materials are mentioned in the Figure as well as in the words. ?		N.A
D	Whether the rate entered in schedule-A is correctly Derived ?		N.A
E	Whether the rate entered in schedule-A correctly arrived at as norms ?		N.A

I have personally verified the fact as stated above and found in order.




Divisional Accountant
 Panchayat R&B Division
 Devbhumi Dwarka



Executive Engineer
 Panchayat R&B Division
 Devbhumi Dwarka


3. Bil of Quantitiy		
(i)	Whether the description of each item literely tally with the sanctioned estimate except specifying of lead etc. comp.	Yes.
(ii)	Whether quantity of each item is as per sanctioned estimate/ If not, state the reasons with due justification of deviation in covering letter of the DTP.	Yes.
(iii)	Whether the rate of each items is as per sanctioned estimate ? If not, state the reasons with due justification for Deviation in covering letter of the DTP. and incorporate the analysis in covering letter of DTP.	Yes.
(iv)	Whether unit of each item is per sanctioned estimate ? If not, state reasons with due justification for diviation in covering letter of DTP.	Yes.
(v)	Whether the rate of each item in BOQ is mentioned in words in case of % rate tender.	Yes.
(vi)	Whether the standard method is adopted in each item in writing the Units. (e.g Cubic meter to abbreviated as Cum and not applicable not C.M. etc.)	Yes.
(vii)	Whether the Govt, remarks if any observed at the time of according sanctioned are fully incorporate in the DTP. If, yes submit compliance report.	N.A.
(viii)	Whether correct name of work is entered at the top of BOQ	Yes.
(ix)	Whether standard form for BOQ is adopted.	Yes.
(x)	Whether the standard words for descourt or premium on tendred rate as " I/we am/are." is mentioneda at the end ?	N.A.
(xi)	Whether the amount worked out for each item is correctly calculated and submit up ?	Yes.
(xii)	Whether alternate items are proposed in the DTP, ? If yes state the Item no. for which alternative item is proposed,	No
4. Detailed of Specification		
(i)	Whether the detailed specification correctly reflect the tender Item ?	Yes.
(ii)	Whether items with sepcified lead and lift are counverted in to with all lead and lift.	Yes.
(iii)	Whether correct made of mesurement is mentioned ?	Yes.
(iv)	Whether correct mode of payment is as per BOQ ?	Yes.


(v)	Whether suitable use of excavated materials or cutting stuff is incorporated in the DTP. ?	N.A.
(vi)	Whether the mentioned regarding the test to be carried out before execution is made herewith in the respective item of DTP.	Yes Test schedule attached herewith.
(vii)	Whether reference to PWD hand book is specification of IRC clause are mentioned correctly and relevantly in the respective item ?	Yes.
(viii)	Whether the test to be carried out during execution is made ? Stated the item No. with description and details of tests to be carried out in brief ?	Yes Test schedule attached herewith.
(ix)	Whether average rate of earthwork derived and entered in BOQ If, yes give rate analysis.	No
(x)	Whether the description of each item literally and exactly with that in BOQ. ?	Yes.
5. Detailed of other items.		
(i)	Whether statement of item not put to tender is incorporated with detailed justification.?	No.
(ii)	Whether the amount of sanctioned estimated tally with the total of amount put to tender and amount not put to tender ?	Yes.
(iii)	Whether page number in DTP is made.	Yes.
(iv)	Whether permission to split up the work ? If yes give information with competent authority.	N.A.
(v)	Whether the general specification and other relevant records are incorporated DTP.	Yes.
(vi)	Whether Executive Engineer has signed the DTP. and all correction are attested by him.	Yes.
(vii)	Whether the DTP. are submitted in well bound volume and in neat and tidy fashion /	Yes.


A.A.E. (PB)
R&B Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R&B Sub Division


Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.


Executive Engineer
Panchayat R&B Division
Devbhumi Dwarka


Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.
Bhambhani

ચેકલીસ્ટ ફોર ડી.ટી.પી.

Name of Work: RE-CONSTRUCTION OF MINOR BRIDGES, SLAB DRAINS, BOX CULVERTS & PIPE CULVERTS AT VARIOUS LOCATIONS IN DEVBHUMI DWARKA DISTRICT (PANCHAYAT) UNDER MMGSY, IN THE STATE OF GUJARAT. (PACKAGE - 2)

1	Principle Approval Date and Amount	:-	Date: 15/07/2025, Rs. 1607.00 lakhs
2	Administrative Approval Date and Amount (Not received than Block Estimate Submission Date)	:-	-
3	SOR Year	:-	2024-25
4	Technical Approval Date and Amount	:-	Date: 24/07/2025, Rs. 15.00 lakh Date: 24/07/2025, Rs. 15.00 lakh Date: 01/08/2025, Rs. 45.00 lakh Date: 01/08/2025, Rs. 35.00 lakh Date: 01/08/2025, Rs. 20.60 lakh Date: 01/08/2025, Rs. 50.00 lakh Date: 01/08/2025, Rs. 50.00 lakh Date: 01/08/2025, Rs. 50.00 lakh Date: 26/11/2025, Rs. 20.00 lakh Date: 28/01/2026, Rs. 127.00 lakh Date: 28/01/2026, Rs. 304.61 lakh Date: 28/01/2026, Rs. 156.50 lakh Date: 28/01/2026, Rs. 332.88 lakh Date: 28/01/2026, Rs. 117.56 lakh Date: 01/08/2025, Rs. 32.60 lakh Date: 15/10/2025, Rs. 53.02 lakh Date: 15/10/2025, Rs. 20.00 lakh Date: 28/01/2026, Rs. 214.58 lakh Date: 30/01/2026, Rs. 51.97 Lakh
5	DTP amount	:-	Rs. 13,45,00,407.67
6	Tender Fee Rs.	:-	18,000.00
7	Earnest Money Deposit (Bid Security) Rs.	:-	Rs. 13,46,000/-
8	Performance security as per Clause 34 (Pg.22) 5%	:-	Rs. 65,25,020.38
9	Retention money Max. (5%)	:-	Rs. 65,25,020.38
10	Time Limit (Months) with bar chart	:-	14 Months (Including Monsoon)

11	Registration category required	:-	"AA" Class & Special Category-I Bridge
12	Bonus Applicable (Y / N)	:-	Y
13	Sub-Contractor Work Limit (%)	:-	Upto 25% of Initial Contract Price
14	Site Possession Date	:-	From Issue of Work Order
15	Period between Program Update (Days)	:-	182 Days 30 days
16	Amount to be withheld for late submission of Program	:-	2,69,000.00 1,00,000.00
17	Joint Venture Required? (Yes/No)	:-	No
18	Defect Liability Period (In Months & includes no. of Monsoons)	:-	36 months from date of completion which shall include five ^{Three} monsoon periods.
19	Free Maintenance Guarantee Period (for Road & Bridge Construction)	:-	4 Years 5 years
20	Liquidated Damage as mentioned in Clause 49.1	:-	
21	Milestone Dates :- (Contract Data, Point 5)	:-	in %
(A)	Milestone 1	:-	10%
(B)	Milestone 2	:-	40%
(C)	Milestone 3	:-	80%
(D)	Milestone 4	:-	100%
22	Contract Data (Point 24), %	:-	100%
(A)	Labour, P _L	:-	28.22%
(B)	Cement, P _C	:-	20.81%
(C)	Steel, P _S	:-	14.30%
(D)	Bitumen, P _b	:-	0.98%
(E)	POL, P _f	:-	6.49%
(F)	Plant and Machinery Spares P _p	:-	12.10%
(G)	Other Materials, P _m	:-	17.10%
23	Mobilization advance if any	:-	No

24	Equipment advances if any	:-	No
25	Percentage Rate Contract / Item Rate Contract	:-	Percentage Rate Contract

[Signature]
Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
JAM-KHAMBHALIA.

[Signature]
Deputy Executive Engineer
R&B Panchayat Division,

[Signature]
Deputy Executive Engineer,
R. & B. (Panchayat) Sub Division
~~JAM-KHAMBHALIA.~~
Bhuvud

[Signature]
Executive Engineer
R&B Panchayat Division,
Devbhumi Dwarka



No.PB/T.S/33/108/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 01/08/2025

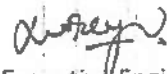
To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Dwarka.

Sub :- T.S. to the Plans Estimate for the work of **CONSTRUCTION OF HUME PIPE DRAIN ON DWARKA VASAI HAMUSAR ROAD BETWEEN KM. 16/800 TO 16/820 (ODR). Ta:- DWARKA, Dist:- DEVBHUMI DWARKA.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting **Rs.45,00,000.00/- (FORTY FIVE LAC Rupees only)** subject to the following conditions.

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/IB/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detail before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on **Page No. 17, Sr. No. 108.**
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above


Executive Engineer
Panchayat R & B Division
DevbhumiDwarka.

Name of Work :-Construction of Hume Pipe Drain On Dwarka Vasai Hamusar Road Between Km.16/800 to 16/820 (ODR) Ta.:-Dwarka Dist.:- Devbhumi Dwarka

RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 5x900mm	Between Km.16/800 to 16/820	17,20,389.32
1B	Part-1B	Protection Wall	Between Km.16/820 to 16/900	20,12,726.69
Total Rs. (A)				37,33,116.01
Net Amount After deduction of Labour Cess				36,96,154.50
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				6,65,307.81
Total Rs. (A+B)				43,98,423.82
Add. Contingency L.S. Rs.				64,200.00
Add. Quality Control 1% Rs.				37,331.16
Total Rs.				44,99,954.98
Say Rs.				45,00,000.00

* Estimate checked at division:-

[Signature]
Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

[Signature]
Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

Perusal sanction for

Rs. 45,00,000/-

(Rs. FORTY FIVE LAKH)

ONLY

)

Letter No. EOT/2726/22/D-1

Dated.....

[Signature]
C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

33/108

01/08/2025

45,00,000/-

Forty Five Lac Rupees only

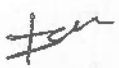
[Signature]

Name of Work :-Construction of Hume Pipe Drain On Dwarka Vasai Hamusar Road Between Km.16/800 to 16/820 (ODR) Ta.:-Dwarka Dist.:- Devbhumi Dwarka

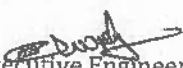
RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 5x900mm	Between Km.16/800 to 16/820	17,20,389.32
1B	Part-1B	Protection Wall	Between Km.16/820 to 16/900	20,12,726.69
Total Rs. (A)				37,33,116.01
Net Amount After deduction of Labour Cess				36,96,154.50
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				6,65,307.81
Total Rs. (A+B)				43,98,423.82
Add. Contingency L.S. Rs.				64,200.00
Add. Quality Control 1% Rs.				37,331.16
Total Rs.				44,99,954.98
Say Rs.				45,00,000.00

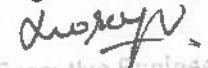
* Estimate checked at division:-


Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

P.B. T.S. 33/108 01/08/2025
Technically Sanctioned For Rs. 45,00,000/-
In words Forty Five Lac. Rupees only

Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

Name of work : **Construction of New Box Culvert on Local river at Ch.no 0/400 to 0/600 Haripar Paneli road, Ta: Kalyanpur Dist: Devbhumi Dwarka**
Ref : (1) The GOG, R.&B. Department, Gandhinagar Letter No. RPC/Structure/JOB/2024 No.95/D-1 Date: 15/07/2025 (Sanct.Amt.120.00 lac)
(2) GOG, R.&B. Department, Gandhinagar Letter No.EOT/2725/428/D1 Dt.07/01/2026

// TECHNICAL SANCTION ORDER //

In exercise of power vested vide the GOG, R.&B. Department, Gandhinagar No. P.D.W/102007/1 (Part-2)/S, Dated 29/01/2025 for according Technical Sanction to the Plans & Estimates, the Technical Sanction for the subjected work of amounting to **₹ 1,27,00,000.00 Rupees One Crore Twenty-Seven Lacs Only** is hereby accorded in respect to above refereed letters. The Technical Sanction is registered at Pg No. 100 Sr No. 295 in the Technical Sanction register maintained in the Circle office.


The item covered up under above referred Technical Sanction is as under:

Name of Work	Treatment/ Items	Estimated Cost Rs.
Construction of New Box Culvert on Local river at Ch.no 0/400 to 0/600 Haripar Paneli road, Ta: Kalyanpur Dist: Devbhumi Dwarka	Box Culvert (3X6.00X3.00 Mtr.)	₹ 1,27,00,000.00

Condition:

- Administrative approval for the same amount equal to the Technical Sanction shall have to be obtained from District Panchayat.
- Instructions mentioned in the Govt. letter (1) shall be followed strictly.
- It is presumed that
 - The site condition for this work is verified & checked by the SO/ DEE / EE
 - Provision made in this estimate is as per actual site condition and actual requirement.
 - Rates & measurements taken in this estimate are arithmetically checked & correct for all items by the division office.
- Work shall not be splitted up without prior approval from the Government.
- Expenditure of this work shall be debited to the A/C of Demand No: **MMGSY (Normal) (86-5054-04-337-15) Sr.No.8**
- Earthwork to be carried out only after taking initial levels.
- The foundation levels shown are tentative, in actual execution the same shall be finalized on the basis of actual soil strata met with and the safe bearing capacity of the strata at foundation level. S.B.C. report shall be from GERI/(R & B) Approved laboratory.
- Sanctioned Plans & Estimate are sent herewith.
- As per SBD Clauses 33.1 and 33.2, the defect liability period for this work is (3) years, and the free maintenance guarantee (FMG) period is (4) years.

No.PB/DBM/TS/NORMAL/ 29 /2026
Office of the Superintending Engineer
Panchayat (R. & B.) Circle No.1
Rajkot.
Date : 29 /01/2026


Superintending Engineer
Panchayat R. & B. Circle No.-1
Rajkot

Copy to :- 1) The Executive Engineer, Panchayat R.&B. Division, Devbhumi Dwarka.

2) The Deputy Executive Engineer, Panchayat R.&B. Sub Division, Devbhumi Dwarka.

Copy Submitted to :- The Chief Engineer (Sau.) & Additional Secretary, R.&B. Department, Gandhinagar

PANCHAYAT (ROAD & BUILDING) DEPARTMENT
(Devbhumi Dwarka)

Name of Work :-

CONSTRUCTION OF NEW BOX CULVERT ON LOCAL RIVER AT CH. 0/400 TO 0/600 ON HARIPUR-PANELI ROAD TALUKA KALYANPUR DISTRICT DEVBHUMI DWARKA

RECAPITULATION SHEET

No.	Title	Estimated Amount SOR (2024-25)
1	Haripur-Paneli CH 0/400 to 0/600	
A.	Sub Estimate 1: Minor Bridge Work	₹ 97,91,783.23
B.	Sub Estimate 2: Diversion Work	₹ 4,94,378.41
	Total 1 (A + B) =	₹ 1,02,86,161.65
	18% GST (Total 1)	₹ 18,51,509.10
	Total 2 (Total 1 + GST) =	₹ 1,21,37,670.74
	1.0 % Quality Control (on Total 2)	₹ 1,21,376.71
	1.0 % Contingency & WC (on Total 2)	₹ 1,21,376.71
	3.1 % Design Consultancy Fees (on Total 1)	₹ 3,18,871.01
	Total Cost (Rs.) =	₹ 1,26,99,295.17
	Say Rs. =	₹ 1,27,00,000.00
	GRAND TOTAL (IN LAKH)	₹ 127.00

Perusal sanction for
Rs. 1,27,00,000.00
(Rs. One crore twenty
seven lakh only.)

PART / FULLY / REVISED
Technically Sanctioned for Rs. 1,27,00,000.00 Letter No. EST/2725/42X/D-1
(Rupees One crore twenty seven lakh only) Dated.....
and entered in T.S. Register for the Year 2025-26
on Page No. 260 Sr. No. 295
with / without remarks. Vide Circle Office Order
No. PB/DEM/TS/NORMAL/42/1/2026
Date 28.10.2026
S.E., P.(R. & B.) Circle-1, RAJKOT.

C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

Dy. Exe. Engg,

Panchayat (R&B) Sub Division,
DevBhumi Dwarka

Executive Engineer,

Panchayat (R&B) Division,
DevBhumi Dwarka

Superintending Engineer

Panchayat R&B Department,
Rajkot Circle 1



RECAPITULATION SHEET

No.PB/T.S/33/106/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 01/08/2025


To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Dwarka.

Sub :- T.S. to the Plans Estimate for the work of **CONSTRUCTION OF VENTED CAUSEWAY ON SANOSARI TO JAMDEVALIYA ROAD (VR) BETWEEN KM. 1/100 TO 1/300. Ta:- KALYANPUR, Dist:- DEVBHUMI DWARKA.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution:No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting **Rs.32,60,100.00/- (THIRTY TWO LAC SIXTY THOUSAND ONE HUNDRED Rupees only)** subject to the following conditions,

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/IB/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detail before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on **Page No. 17, Sr. No. 106.**
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above


Executive Engineer
Panchayat R & B Division
DevbhumiDwarka.

Name of Work :-Construction of Vented Causeway On Sanosari To jamdevaliya Road Between Km.1/100 to 1/300 (VR) Ta.:-Kalyanpur Dist.:- Devbhumi Dwarka

RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	VCW 3x900mm	Between Km.1/100 to 1/300	14,33,632.45
1B	Part-1B	Protection Wall	Between Km.1/100 to 1/300	12,25,835.96
Total Rs. (A)				26,59,468.41
Net Amount After deduction of Labour Cess				26,33,137.00
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				4,73,964.66
Total Rs. (A+B)				31,33,433.07
Add. Contingency L.S. Rs.				1,00,000.00
Add. Quality Control 1% Rs.				26,594.68
Total Rs.				32,60,027.75
Say Rs.				32,60,100.00

* Estimate checked at division:-

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

B. 106/2025 01/08/2025
Technically sanctioned Rs. 32,60,100/-
in words Twenty Two lac Sixty Thousand One
hundred Rupees only

Executive Engineer
R. & B (Panchayat) Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

Perusal sanction for
Rs. 32,60,100/-
(Rs. Thirty two lakh sixty
thousand one hundred
only.)
Letter No. EOT/2426/2410-1.
Dated.....

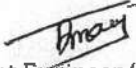
C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

Name of Work :-Construction of Vented Causeway On Sanosari To jamdevaliya Road Between Km.1/100 to 1/300 (VR) Ta.:-Kalyanpur Dist.:- Devbhumi Dwarka


RECAPITULATION SHEET

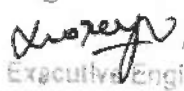
Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	VCW 3x900mm	Between Km.1/100 to 1/300	14,33,632.45
1B	Part-1B	Protection Wall	Between Km.1/100 to 1/300	12,25,835.96
Total Rs. (A)				26,59,468.41
Net Amount After deduction of Labour Cess				26,33,137.00
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				4,73,964.66
Total Rs. (A+B)				31,33,433.07
Add. Contingency L.S. Rs.				1,00,000.00
Add. Quality Control 1% Rs.				26,594.68
Total Rs.				32,60,027.75
Say Rs.				32,60,100.00

* Estimate checked at division:-


Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

P.B. T.E. 106/2025 Dt. 01/08/2025
Technically Sanctioned For Rs. 32,60,100/-
in words Twenty Two lac Sixty Thousand One
hundred Rupees only

Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

No.PB/T.S/33/137/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 15/10/2025

To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Dwarka.

Sub :- T.S. to the Plans Estimate for the work of **CONSTRUCTION OF VENTED CAUSEWAY & P/W ON DHOLAMULVASAR NANABHAVDA ANIYAARI KHATUMBA ROAD BETWEEN KM. 7/400 TO 7/600 (ODR). Ta:- DWARKA, Dist:- DEVBHUMI DWARKA.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting **Rs.53,02,100.00/- (FIFTY THREE LAC TWO THOUSAND ONE HUNDRED Rupees only)** subject to the following conditions,

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/IB/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detail before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on Page No. 21, Sr. No. 137.
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above

O/C

3-10

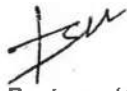
[Signature]
Executive Engineer
Panchayat R & B Division
DevbhumiDwarka.

Name of Work :-Construction of Vented Causeway & P/W On Dholamulavasar Nanabhavda Anliyaari Khatumba Road Between Km.7/400 to 7/600 (ODR) Ta.:-Dwarka Dist.:- Devbhumi Dwarka

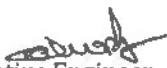
RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	VCW 6x600mm	Between Km.7/400 to 7/600	21,63,862.12
1B	Part-1B	Protection Wall	Between Km.7/400 to 7/600	21,88,472.15
Total Rs. (A)				43,52,334.28
Net Amount After deduction of Labour Cess				43,09,241.90
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				7,75,663.54
Total Rs. (A+B)				51,27,997.82
Add. Contingency 3% Rs.				1,30,570.03
Add. Quality Control 1% Rs.				43,523.34
Total Rs.				53,02,091.19
Say Rs.				53,02,100.00

* Estimate checked at division:-



Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

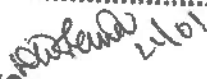

Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

P.B. T.S. 137/2025 Dt. 15/10/2025
Technically Sanctioned For Rs. 53,02,100/-
In words Fifty three lac Two Thousand One Hundred
Rupees only


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka


Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

Perusal sanction for
Rs. 53,02,100/-
(Rs. Fifty three lakh
two thousand one
hundred only)
Letter No. EOT/2724/22/10-7
Dated.....



C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

Name of Work :-Construction of Vented Causeway & P/W On Dholamulavasar Nanabhavda Aniyaari
Khatumba Road Between Km.7/400 to 7/600 (ODR) Ta.:-Dwarka Dist.:- Devbhumi Dwarka

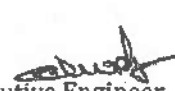
RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	VCW 6x600mm	Between Km.7/400 to 7/600	21,63,862.12
1B	Part-1B	Protection Wall	Between Km.7/400 to 7/600	21,88,472.15
Total Rs. (A)				43,52,334.28
Net Amount After deduction of Labour Cess				43,09,241.90
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				7,75,663.54
Total Rs. (A+B)				51,27,997.82
Add. Contingency 3% Rs.				1,30,570.03
Add. Quality Control 1% Rs.				43,523.34
Total Rs.				53,02,091.19
Say Rs.				53,02,100.00


* Estimate checked at division:-


Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

P.B. T.3. 137/2025 Dt. 15/10/2025
Technically Sanctioned For Rs. 53,02,100/-
in words Fifty Three Lac Two Thousand One Hundred
Rupees only


Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

No.PB/T.S/33/109/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 01/08/2025


To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Dwarka.

Sub :- T.S. to the Plans Estimate for the work of **CONSTRUCTION OF HUME PIPE DRAIN ON DWARKA VASAI HAMUSAR ROAD BETWEEN KM. 16/200 TO 16/220 (ODR). Ta:- DWARKA, Dist:- DEVBHUMI DWARKA.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting **Rs.35,00,000.00/- (THIRTY FIVE LAC Rupees only)** subject to the following conditions,

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/18/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detail before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on **Page No. 18, Sr. No. 109.**
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above



Executive Engineer
Panchayat R & B Division
DevbhumiDwarka.

Name of Work :-Construction of Hume Pipe Drain On Dwarka Vasai Hamusar Road Between Km.16/200 to 16/220 (ODR) Ta:-Dwarka Dist:- Devbhumi Dwarka


RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 5x900mm	Between Km.16/200 to 16/220	17,20,389.32
1B	Part-1B	Protection Wall	Between Km.16/220 to 16/266	11,57,990.18
Total Rs. (A)				28,78,379.50
Net Amount After deduction of Labour Cess				28,49,880.70
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				5,12,978.53
Total Rs. (A+B)				33,91,358.03
Add. Contingency I.S. Rs.				79,800.00
Add. Quality Control 1% Rs.				28,783.80
Total Rs.				34,99,941.83
Say Rs.				35,00,000.00

* Estimate checked at division:-


Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

P.B. T.S. 33/109 Dt. 01/08/2025
Technically Sanctioned For Rs. 35,00,000/-
In words Thirty Five Lac Rupees only

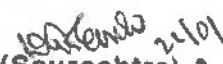

Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

Perusal sanction for

Rs. 35,00,000/-
(Rs. EOT/2721/22/0-1
Thirty Five Lakh only)

Letter No. EOT/2721/22/0-1
Dated.....



C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

Name of Work :-Construction of Hume Pipe Drain On Dwarka Vasai Hamusar Road Between Km.16/200 to 16/220 (ODR) Ta:-Dwarka Dist:- Devbhumi Dwarka

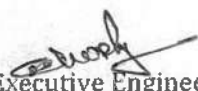
RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 5x900mm	Between Km.16/200 to 16/220	17,20,389.32
1B	Part-1B	Protection Wall	Between Km.16/220 to 16/266	11,57,990.18
Total Rs. (A)				28,78,379.50
Net Amount After deduction of Labour Cess				28,49,880.70
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				5,12,978.53
Total Rs. (A+B)				33,91,358.03
Add. Contingency I.S. Rs.				79,800.00
Add. Quality Control 1% Rs.				28,783.80
Total Rs.				34,99,941.83
Say Rs.				35,00,000.00

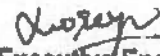
* Estimate checked at division:-


Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

P.B. T.S. 33/109 Dt. 01/08/2025
Technically Sanctioned For Rs. 35,00,000/-
In words Thirty Five Lac Rupees only


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

No.PB/T.S/33/100/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 24/07/2025


To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Dwarka.

Sub :- T.S. to the Plans Estimate for the work of **CONSTRUCTION OF HUME PIPE DRAIN ON GAGA APPROACH ROAD BETWEEN KM. 3/600 TO 3/800 (MDR) Ta:- KALYANPUR, Dist:- DEVBHUMI DWARKA.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution.No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting **Rs.15,00,000.00/- (FIFTEEN LAC Rupees only)** subject to the following conditions,

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/IB/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detail before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on **Page No. 16, Sr. No. 100.**
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above



Executive Engineer
Panchayat R & B Division
DevbhumiDwarka.

Name of Work :-Construction of Hume Pipe Drain On Gaga Approach Road Between Km.3/600 to 3/800 (MDR) Ta:-Devbhumi Dwarka Dist:- Devbhumi Dwarka


RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 3x1200mm	Between Km.3/600 to 3/800	9,20,986.14
1B	Part-1B	Protection Wall	Between Km.3/600 to 3/800	3,16,864.12
Total Rs. (A)				12,37,850.26
Net Amount After deduction of Labour Cess				12,25,594.30
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				2,20,606.97
Total Rs. (A+B)				14,58,457.23
Add. Contingency L.S. Rs.				29,100.00
Add. Quality Control 1% Rs.				12,378.50
Total Rs.				14,99,935.73
Say Rs.				15,00,000.00

* Estimate checked at division:-


Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

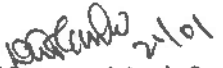

Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

P.B. T.S. 33/100 Dt. 24/07/2025
Technically Sanctioned For Rs. 15,00,000/-
In words Fifteen Lacs Rupees only

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

Perusal sanction for Executive Engineer
Rs. 15,00,000/- R. & B. (Panchayat) Division
(Rs. Fifteen Lacs Rupees only) Devbhumi Dwarka

Letter No. EOT/22/2210-2
Dated.....



C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

Name of Work :-Construction of Hume Pipe Drain On Gaga Approach Road Between Km.3/600 to 3/800 (MDR) Ta.:-Devbhumi Dwarka Dist.:- Devbhumi Dwarka

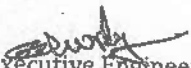
RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 3x1200mm	Between Km.3/600 to 3/800	9,20,986.14
1B	Part-1B	Protection Wall	Between Km.3/600 to 3/800	3,16,864.12
Total Rs. (A)				12,37,850.26
Net Amount After deduction of Labour Cess				12,25,594.30
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				2,20,606.97
Total Rs. (A+B)				14,58,457.23
Add. Contingency L.S. Rs.				29,100.00
Add. Quality Control 1% Rs.				12,378.50
Total Rs.				14,99,935.73
Say Rs.				15,00,000.00

* Estimate checked at division:-

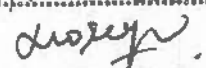

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

P.B. T.S. 33/100 Dt. 24/07/2025
Technically Sanctioned For Rs. 15,00,000/-
In words Fifteen Lac. Rupees only


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

Name of work : **Re-Construction of Ex. Bridge on Local river at Ch.2/700 to 2/800 on Dangarvad Ashiyavadar road, Ta: Kalyanpur Dist: Devbhumi Dwarka**
Ref : (1) The GOG, R.&B. Department, Gandhinagar Letter No. RPC/Structure/JOB/2024 No.95/D-1 Date: 15/07/2025 (**Sanct.Amt.250.00 lac**)
(2) GOG, R.&B. Department, Gandhinagar Letter No.EOT/2725/428/D1 Dt.07/01/2026

// TECHNICAL SANCTION ORDER //

In exercise of power vested vide the GOG, R.&B. Department, Gandhinagar No. P.D.W/102007/1 (Part-2)/S, Dated 29/01/2025 for according Technical Sanction to the Plans & Estimates, the Technical Sanction for the subjected work of amounting to **₹ 2,14,58,000.00 Rupees Two Crore Fourteen Lacs Fifty-Eight Thousand Only** is hereby accorded in respect to above refereed letters. The Technical Sanction is registered at Pg No. 153 Sr No. 294 in the Technical Sanction register maintained in the Circle office.

The item covered up under above referred Technical Sanction is as under:

Name of Work	Treatment/ Items	Estimated Cost Rs.
Re-Construction of Ex. Bridge on Local river at Ch.2/700 to 2/800 on Dangarvad Ashiyavadar road, Ta: Kalyanpur Dist: Devbhumi Dwarka	Minor Bridge (4.00X7.00 Mtr.)	₹ 2,14,58,000.00

Condition:

- Administrative approval for the same amount equal to the Technical Sanction shall have to be obtained from District Panchayat.
- Instructions mentioned in the Govt. letter (1) shall be followed strictly.
- It is presumed that
 - The site condition for this work is verified & checked by the SO/ DEE / EE
 - Provision made in this estimate is as per actual site condition and actual requirement.
 - Rates & measurements taken in this estimate are arithmetically checked & correct for all items by the division office.
- Work shall not be splitted up without prior approval from the Government.
- Expenditure of this work shall be debited to the A/C of Demand No: **MMGSY (Normal) (86-5054-04-337-15) Sr.No.8**
- Earthwork to be carried out only after taking initial levels.
- The foundation levels shown are tentative, in actual execution the same shall be finalized on the basis of actual soil strata met with and the safe bearing capacity of the strata at foundation level. S.B.C. report shall be from GERI/(R & B) Approved laboratory.
- Sanctioned Plans & Estimate are sent herewith.
- As per SBD Clauses 33.1 and 33.2, the defect liability period for this work is (3) years, and the free maintenance guarantee (FMG) period is (4) years.

No.PB/DBM/TS/NORMAL/ W25 /2026
Office of the Superintending Engineer
Panchayat (R.& B.) Circle No.1
Rajkot.
Date : 28 /01/2026

Diya
Superintending Engineer
Panchayat R.& B. Circle No.-1
Rajkot

Copy to :- 1) The Executive Engineer, Panchayat R.&B. Division, Devbhumi Dwark.

2) The Deputy Executive Engineer, Panchayat R.&B. Sub Division, Devbhumi Dwark.

Copy Submitted to :- The Chief Engineer (Sau.) & Additional Secretary, R.&B. Department, Gandhinagar

PANCHAYAT (ROAD & BUILDING) DEPARTMENT
(Devbhumi Dwarka)

Name of Work :-

Reconstruction of Existing Bridge on Local River at Ch 2/800 to 2/700 on Dangarvad Ashiyavdar Road, Taluka- Kalyanpur, District - Dev Bhumi Dwarka

RECAPITULATION SHEET

No.	Title	Estimated Amount SOR (2024-25)
1	Dangarvad Ashiyavdar Minor Bridge	
A.	Sub Estimate 1: Minor Bridge Work	₹ 1,69,75,336.50
B.	Diversion Works	₹ 4,04,896.88
	Total 1 (A + B) =	₹ 1,73,80,233.38
	18% GST (Total 1)	₹ 31,28,442.01
	Total 2 (Total 1 + GST) =	₹ 2,05,08,675.39
	1.0 % Quality Control (on Total 2)	₹ 2,05,086.75
	1.0 % Contingency & WC (on Total 2)	₹ 2,05,086.75
	3.1 % Design Consultancy Fees (on Total 1)	₹ 5,38,787.23
	Total Cost (Rs.) =	₹ 2,14,57,636.13
	Say Rs. =	₹ 2,14,58,000.00
	GRAND TOTAL (IN LAKH)	₹ 214.58

Perusal sanction for
Rs. 2,14,58,000/-
(Rs. Two crore fourteen
lakh fifty eight thousand
only)
Letter No. FOI/2735/437/D-1
Dated 07/01/2024

07/01
C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department



PART / FULLY / REVIS:

Technically Sanctioned for Rs. 2,14,58,000.00
(Rupees Two crore fourteen
lakh fifty eight thousand only)
and entered in T.S. Register for the Year 2023-24
on Page No. 259 Sr. No. 234
with / without remarks. Vide Circle Office Order
No. PR/DA/1/Tr. W. 14/2023
Date 21.01.2024

S.E., P.(R. & B.) Circle-1, RAJKOT.

Dy. Exe. Engg.

Panchayat (R&B) Sub Division,
Dev Bhumi Dwarka

Executive Engineer,

Panchayat (R&B) Division,
Dev Bhumi Dwarka

Superintending Engineer
Panchayat R&B Department,
Rajkot Circle 1

RECAPITULATION SHEET

No.PB/T.S/33/101/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 24/07/2025


To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Dwarka.

Sub :- T.S. to the Plans Estimate for the work of **CONSTRUCTION OF HUME PIPE DRAIN ON GAGA APPROACH ROAD BETWEEN KM. 3/000 TO 3/600 (MDR) Ta:- KALYANPUR, Dist:- DEVBHUMI DWARKA.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting **Rs.15,00,000.00/- (FIFTEEN LAC Rupees only)** subject to the following conditions;

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/IB/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detain before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on **Page No. 16, Sr. No. 101.**
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above



Executive Engineer
Panchayat R & B Division
DevbhumiDwarka.

Name of Work :-Construction of Hume Pipe Drain On Gaga Approach Road Between Km.3/000 to 3/600 (MDR) Ta.:-Devbhumi Dwarka Dist.:- Devbhumi Dwarka


RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 3x900mm	Between Km.3/000 to 3/600	9,08,271.11
1B	Part-1B	Protection Wall	Between Km.3/000 to 3/600	3,43,694.80
Total Rs. (A)				12,51,965.92
Net Amount After deduction of Labour Cess				12,39,570.20
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				2,23,122.64
Total Rs. (A+B)				14,75,088.56
Add. Contingency L.S. Rs.				12,300.00
Add. Quality Control 1% Rs.				12,519.66
Total Rs.				14,99,908.22
Say Rs.				15,00,000.00

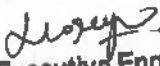
* Estimate checked at division:-


Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

P.B. T.3. 33/101 Dt. 24/07/2025
Technically Sanctioned For Rs. 15,00,000/-
In wards Fifteen lac Rupees only

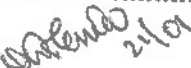

Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

Perusal sanction

Rs. 15,00,000/-
(Rs. Fifteen lakh only/-)

Letter No. EOT/2726/22/D-1
Dated.....



C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

Name of Work :-Construction of Hume Pipe Drain On Gaga Approach Road Between Km.3/000 to 3/600 (MDR) Ta.-Devbhumi Dwarka Dist.- Devbhumi Dwarka

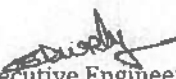
RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 3x900mm	Between Km.3/000 to 3/600	9,08,271.11
1B	Part-1B	Protection Wall	Between Km.3/000 to 3/600	3,43,694.80
Total Rs. (A)				12,51,965.92
Net Amount After deduction of Labour Cess				12,39,570.20
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				2,23,122.64
Total Rs. (A+B)				14,75,088.56
Add. Contingency L.S. Rs.				12,300.00
Add. Quality Control 1% Rs.				12,519.66
Total Rs.				14,99,908.22
Say Rs.				15,00,000.00

* Estimate checked at division:-

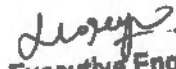

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

P.B. T.3. 33/101 Dt. 24/07/2025
Technically Sanctioned For Rs. 15,00,000/-
In wards Fifteen Lac Rupees only


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

No.PB/T.S/33/144/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 26/11/2025

To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Bhanvad.

Sub :- T.S. to the Plans Estimate for the work of **Construction of Low Level Causeway On Jambusar Joshipara To Join MDR Road At Km. 1/250 to 1/350 (VR) Tal:- Bhanvad, Dist:- DevbhumiDwarka.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting Rs.20,00,000.00/- (Twenty Lac Rupees only) subject to the following conditions,

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/IB/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detail before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on Page No. 22, Sr. No.144.
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above

B.P.
o/c
Executive Engineer
Panchayat R & B Division
DevbhumiDwarka.


Name of Work :-Construction of Low Level Causeway On Jambusar Joshipara To Join MDR Road Between Km.1/250 to 1/350 (VR) Ta.-Bhanvad Dist.- Devbhumi Dwarka

RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	Low Level Causeway - 75m	Between Km.1/250 to 1/350	16,78,000.74
Total Rs. (A)				16,78,000.74
Net Amount After deduction of Labour Cess				16,61,386.90
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				2,99,049.64
Total Rs. (A+B)				19,77,050.38
Add. Contingency L.S. Rs.				6,100.00
Add. Quality Control 1% Rs.				16,780.01
Total Rs.				19,99,930.39
Say Rs.				20,00,000.00

* Estimate checked at division:-

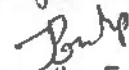

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Bhanvad


Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Bhanvad


Deputy Executive Engineer
Panchayat R & B Sub Division
Bhanvad

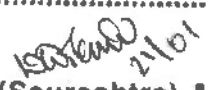

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

P.B. T.S. 144/2025 Dt. 26/11/2025
Technically Sanctioned For Rs. 20,00,000/-
In words Twenty Lacs Rupees only


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

Perusal sanction for
Rs. 20,00,000/-
(Rs. Twenty Lacs only)

Letter No. EOT/2726/22/D-7
Dated.....


C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department


Name of Work :-Construction ofLow Level Causeway On Jambusar Joshipara To Join MDR Road Between Km.1/250 to 1/350 (VR) Ta.:-Bhanvad Dist.:- Devbhumi Dwarka

RECAPITULATION SHEET


Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	Low Level Causeway - 75m	Between Km.1/250 to 1/350	16,78,000.74
Total Rs. (A)				16,78,000.74
Net Amount After deduction of Labour Cess				16,61,386.90
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				2,99,049.64
Total Rs. (A+B)				19,77,050.38
Add. Contingency L.S. Rs.				6,100.00
Add. Quality Control 1% Rs.				16,780.01
Total Rs.				19,99,930.39
Say Rs.				20,00,000.00

* Estimate checked at division:-



Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Bhanvad


Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Bhanvad


Deputy Executive Engineer
Panchayat R & B Sub Division
Bhanvad


Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

P.B. T.S. 144/2025 Dt. 26/11/2025
Technically Sanctioned For Rs. 20,00,000/-
In wards Twenty Lac. Rupees only


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

No.PB/T.S/33/103/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 01/08/2025


To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Dwarka.

Sub :- T.S. to the Plans Estimate for the work of **CONSTRUCTION OF HUME PIPE DRAIN ON PADALI TO GORIYARI ROAD BETWEEN KM. 4/600 TO 4/800 (ODR) Ta:- DWARKA, Dist:- DEVBHUMI DWARKA.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting **Rs.20,60,000.00/- (TWENTY LAC SIXTY THOUSAND Rupees only)** subject to the following conditions,

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/IB/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detain before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on **Page No. 17, Sr. No. 103.**
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above

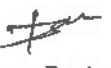

Executive Engineer
Panchayat R & B Division
DevbhumiDwarka.

Name of Work :-Construction of Hume Pipe Drain On Padali To Goriyali Road Between Km.4/600 to 4/800 (ODR) Ta.:-Dwarka Dist.:- Devbhumi Dwarka


RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 3x900mm	Between Km.4/600 to 4/800	7,19,908.51
1B	Part-1B	Protection Wall	Between Km.4/600 to 4/800	9,63,257.07
Total Rs. (A)				16,83,165.58
Net Amount After deduction of Labour Cess				16,66,500.60
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				2,99,970.11
Total Rs. (A+B)				19,83,135.69
Add. Contingency L.S. Rs.				60,000.00
Add. Quality Control 1% Rs.				16,831.66
Total Rs.				20,59,967.35
Say Rs.				20,60,000.00

* Estimate checked at division:-

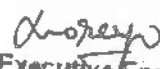

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka



Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

P.B. T.S. 33/03 Dt. 01/08/2025
Technically Sanctioned For Rs. 20,60,000/-
in words Twenty lac Sixty Thousand Rupees only

Executive Engineer
Panchayat R & B Division
(Devbhumi Dwarka)
Technically Sanctioned for Rs. 20,60,000/-
Twenty lac Sixty thousand only


Executive Engineer
(Panchayat) Division
Devbhumi Dwarka

Letter No. EAT/2725/22/11-1
Dated.....



C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

Name of Work :-Construction of Hume Pipe Drain On Padali To Goriyali Road Between Km.4/600 to 4/800 (ODR) Ta.:-Dwarka Dist.:- Devbhumi Dwarka


RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 3x900mm	Between Km.4/600 to 4/800	7,19,908.51
1B	Part-1B	Protection Wall	Between Km.4/600 to 4/800	9,63,257.07
Total Rs. (A)				16,83,165.58
Net Amount After deduction of Labour Cess				16,66,500.60
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				2,99,970.11
Total Rs. (A+B)				19,83,135.69
Add. Contingency L.S. Rs.				60,000.00
Add. Quality Control 1% Rs.				16,831.66
Total Rs.				20,59,967.35
Say Rs.				20,60,000.00

* Estimate checked at division:-

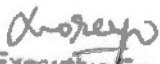

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

P.B. T.S. 33/03 Dt. 01/08/2025
Technically Sanctioned For Rs. 20,60,000/-
in words Twenty Lacs Sixty Thousand Rupees only


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

No.PB/T.S/33/136/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 15/10/2025

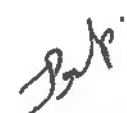
To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Dwarka.

Sub :- T.S. to the Plans Estimate for the work of **CONSTRUCTION OF HUME PIPE DRAIN ON BHATVADIYA GOKALPAR ROAD BETWEEN KM. 2/500 TO 2/700 (ODR) Ta:- KALYANPUR, Dist:- DEVBHUMI DWARKA.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting **Rs.20,00,000.00/- (TWENTY LAC Rupees only)** subject to the following conditions,

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/IB/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detain before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on **Page No. 21, Sr. No. 136.**
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above


Executive Engineer,
Panchayat R & B Division
DevbhumiDwarka.


Deputy Executive Engineer

Name of Work :-Construction of Hume Pipe Drain On Bhatavadiya To Gokalpar Road Between Km.2/500 to 2/700 (ODR) Ta.:-Kalyanpur Dist.:- Devbhumi Dwarka

RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 4x900mm	Between Km.2/500 to 2/700	14,02,339.13
1B	Part-1B	Protection Wall	Between Km.2/500 to 2/700	2,64,399.33
Total Rs. (A)				16,66,738.46
Net Amount After deduction of Labour Cess				16,50,236.10
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				2,97,042.50
Total Rs. (A+B)				19,63,780.96
Add. Contingency L.S. Rs.				19,500.00
Add. Quality Control 1% Rs.				16,667.38
Total Rs.				19,99,948.34
Say Rs.				20,00,000.00

* Estimate checked at division:-

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

P.B. T.S. 136/2025 Dt. 15/10/2025
Technically Sanctioned For Rs. 20,00,000/-
In words Twenty Lacs Rupees only

Executive Engineer
R. & B. (Panchayat) Divisor
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

Perusal sanction for
Rs. 20,00,000/-
(Rs. Twenty Lacs Only/-)

Letter No. E.O.T./2726/2310-1
Dated.....

C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

Name of Work :-Construction of Hume Pipe Drain On Bhatavadiya To Gokalpar Road Between Km.2/500 to 2/700 (ODR) Ta.:-Kalyanpur Dist.:- Devbhumi Dwarka

RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	HPD 4x900mm	Between Km.2/500 to 2/700	14,02,339.13
1B	Part-1B	Protection Wall	Between Km.2/500 to 2/700	2,64,399.33
Total Rs. (A)				16,66,738.46
Net Amount After deduction of Labour Cess				16,50,236.10
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				2,97,042.50
Total Rs. (A+B)				19,63,780.96
Add. Contingency L.S. Rs.				19,500.00
Add. Quality Control 1% Rs.				16,667.38
Total Rs.				19,99,948.34
Say Rs.				20,00,000.00

* Estimate checked at division:-

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

P.B. T.S. 136/2025 Dt. 15/10/2025
Technically Sanctioned For Rs. 20,00,000/-
In words Twenty Lacs Rupees Only

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

No.PB/T.S/33/107/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 01/08/2025


To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Dwarka.

Sub :- T.S. to the Plans Estimate for the work of **CONSTRUCTION OF HIGH LEVEL VENTED CAUSEWAY ON KENEDI TO KHAKHARDA ROAD BETWEEN KM. 0/400 TO 0/600 (VR). Ta:- KALYANPUR, Dist:- DEVBHUMI DWARKA.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting **Rs.50,00,000.00/- (FIFTY LAC Rupees only)** subject to the following conditions,

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/IB/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detail before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on **Page No. 17, Sr: No. 107.**
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above



Executive Engineer
Panchayat R & B Division
DevbhumiDwarka.

Name of Work :-Construction of High Level Vented Causeway On Kenedi To Khakharra Road Between Km.0/400 to 0/600 (VR) Ta.:-Kalyanpur Dist.:- Devbhumi Dwarka

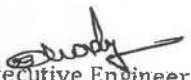
RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	High Level VCW 6x900mm	Between Km.0/400 to 0/600	41,39,628.20
Total Rs. (A)				41,39,628.20
Net Amount After deduction of Labour Cess				40,98,641.80
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				7,37,755.52
Total Rs. (A+B)				48,77,383.72
Add. Contingency L.S. Rs.				81,200.00
Add. Quality Control 1% Rs.				41,396.28
Total Rs.				49,99,980.00
Say Rs.				50,00,000.00

* Estimate checked at division:-

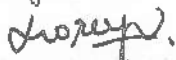

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

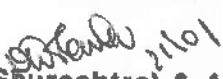
28.12.2025 01/08/2025
Technically Sanctioned Rs. 50,00,000/-
In words Fifty lac Rupees only


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

Perusal sanction for

Rs. 50,00,000/-
(Rs. Fifty lakh only)

Letter No. E.A. 274/2411-1
Dated

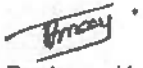

C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

Name of Work :-Construction of High Level Vented Causeway On Kenedi To Khakharra Road Between Km.0/400 to 0/600 (VR) Ta.:-Kalyanpur Dist.:- Devbhumi Dwarka

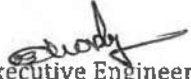
RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1A	Part-1A	High Level VCW 6x900mm	Between Km.0/400 to 0/600	41,39,628.20
Total Rs. (A)				41,39,628.20
Net Amount After deduction of Labour Cess				40,98,641.80
Add 18% For GST On Net Amount (9% SGST + 9% CGST) (B)				7,37,755.52
Total Rs. (A+B)				48,77,383.72
Add. Contingency L.S. Rs.				81,200.00
Add. Quality Control 1% Rs.				41,396.28
Total Rs.				49,99,980.00
Say Rs.				50,00,000.00

* Estimate checked at division:-

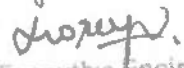

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

P.B. T.A. 10/7/2025 DL 01/08/2025
Technically Sanctioned For Rs. 50,00,000/-
In words Fifty lac Rupees only


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka

Name of work : **Re-Construction of Ex. Bridge on Ch.8/300 to 8/500 on Bhangor Jogara
Shedhakhai road, Ta: Bhanvad Dist: Devbhumi Dwarka**

Ref : (1) The GOG, R.&B. Department, Gandhinagar Letter No. RPC/Structure/JOB/2024
No.95/D-1 Date: 15/07/2025 (Sanct.Amt.300.00 lac)
(2) GOG, R.&B. Department, Gandhinagar Letter No.EOT/2725/428/D1
Dt.07/01/2026

// TECHNICAL SANCTION ORDER //

In exercise of power vested vide the GOG, R.&B. Department, Gandhinagar No. P.D.W/102007/1 (Part-2)/S, Dated 29/01/2025 for according Technical Sanction to the Plans & Estimates, the Technical Sanction for the subjected work of amounting to **₹ 3,04,61,000.00 Rupees Three Crore Four Lacs Sixty-One Thousand Only** is hereby accorded in respect to above refereed letters. The Technical Sanction is registered at Pg No. 160 Sr No. 257 in the Technical Sanction register maintained in the Circle office.

The item covered up under above referred Technical Sanction is as under:

Name of Work	Treatment/ Items	Estimated Cost Rs.
Re-Construction of Ex. Bridge on Ch.8/300 to 8/500 on Bhangor Jogara Shedhakhai road, Ta: Bhanvad Dist: Devbhumi Dwarka	Minor Bridge (6.00X10.00 Mtr.)	₹ 3,04,61,000.00

Condition:

- Administrative approval for the same amount equal to the Technical Sanction shall have to be obtained from District Panchayat.
- Instructions mentioned in the Govt. letter (1) shall be followed strictly.
- It is presumed that
 - The site condition for this work is verified & checked by the SO/ DEE / EE
 - Provision made in this estimate is as per actual site condition and actual requirement.
 - Rates & measurements taken in this estimate are arithmetically checked & correct for all items by the division office.
- Work shall not be splitted up without prior approval from the Government.
- Expenditure of this work shall be debited to the A/C of Demand No: **MMGSY (SCSP) (95-5054-04-337-03) Sr.No.9**
- Earthwork to be carried out only after taking initial levels.
- The foundation levels shown are tentative, in actual execution the same shall be finalized on the basis of actual soil strata met with and the safe bearing capacity of the strata at foundation level. S.B.C. report shall be from GERI/(R & B) Approved laboratory.
- Sanctioned Plans & Estimate are sent herewith.
- As per SBD Clauses 33.1 and 33.2, the defect liability period for this work is (3) years, and the free maintenance guarantee (FMG) period is (4) years.

No.PB/DBM/TS/SCSP/ 123 /2026
Office of the Superintending Engineer
Panchayat (R. & B.) Circle No.1
Rajkot.
Date : 06 /01/2026

Dr. Vile
Superintending Engineer
Panchayat R. & B. Circle No.-1
Rajkot

Copy to :- 1) The Executive Engineer, Panchayat R.&B. Division, Devbhumi Dwark.

2) The Deputy Executive Engineer, Panchayat R.&B. Sub Division, Bhanvad.

Copy Submitted to :- The Chief Engineer (Sau.) & Additional Secretary, R.&B. Department, Gandhinagar

PANCHAYAT (ROAD & BUILDING) DEPARTMENT
(Devbhumi Dwarka)

Name of Work :-

**Reconstruction of Existing Bridge on Ch 8/300 to 8/500 on Bhangor Jogara Shedhak Road.
Taluka- Bhanvad District- Devbhoomi Dwarka**

RECAPITULATION SHEET

No.	Title	Estimated Amount SOR (2024-25)
1	Shedakhai Minor Bridge	
A.	Sub Estimate 1: Minor Bridge Work	₹ 2,41,26,057.83
B.	Diversion Works	₹ 5,46,399.95
	Total 1 (A + B) =	₹ 2,46,72,457.78
	18% GST (Total 1)	₹ 44,41,042.40
	Total 2 (Total 1 + GST) =	₹ 2,91,13,500.18
	1.0 % Quality Control (on Total 2)	₹ 2,91,135.00
	1.0 % Contingency & WC (on Total 2)	₹ 2,91,135.00
	3.1 % Design Consultancy Fees (on Total 1)	₹ 7,64,846.19
	Total Cost (Rs.) =	₹ 3,04,60,616.37
	Say Rs. =	₹ 3,04,61,000.00
	GRAND TOTAL (IN LAKH)	₹ 304.61

Perusal sanction for

Rs. 3,04,61,000/-
(Rs. Three crore Four lakh
Sixty one thousand
only)
Letter No. EOT/2725/424/0-1
Dated.....

PART / FULLY / REVISED

Technically Sanctioned for Rs. 3,04,61,000.00
(Rupees: Three crore four lakh
Sixty one thousand only)

and entered in T.S. Register for the Year 2025-26
on Page No. 26 Sr. No. 207
with / without remarks, Vide Circle Office Order
No. P.R. & B. / 15 / 558 / 423 / 2026
Date 28/01/2026

[Signature]
S.E., P.(R. & B.) Circle-1, RAJKOT.

[Signature]
C. E. (Saurashtra) & A. S.
Sachivalaya, Gandhinagar
R. & B. Department

[Signature]
Dy. Exe. Engg,
Panchayat (R&B) Sub Division,
Bhanvad

[Signature]
Executive Engineer,
Panchayat (R&B) Division,
Dev Bhumi Dwarka

Superintending Engineer
Panchayat R&B Department,
Rajkot Circle 1



RECAPITULATION SHEET

No.PB/T.S/33/105/2025

Office of the Executive Engineer,
Panchayat R & B Division,
DevbhumiDwarka.
Date:- 01/08/2025

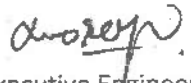
To,
Deputy Executive Engineer,
Panchayat R & B Sub-Division,
Dwarka.

Sub :- T.S. to the Plans Estimate for the work of **CONSTRUCTION OF BOX CULVERT ON RAVAL GORANA ROAD (VR) BETWEEN KM. 2/600 TO 2/700.Ta:- KALYANPUR, Dist:- DEVBHUMI DWARKA.**

With reference to the subject cited above & the Detailed plans and estimate of above works are submitted by D.E. , According to The powers delegated by Govt. Resolution No.PDW/102007/1 (part-2)/S Dated-29/01/2025, It is hereby accorded technical sanction of amounting **Rs.50,00,000.00/- (FIFTY LAC Rupees only)** subject to the following conditions,

- 1) Building and other construction workers Welfare cess act 1996 shall have to be implemented as per Govt. R & B Dept. Cir. . . . No. SRR/102004/IB/41(24)/S dated-02/12/2016.
- 2) Administrative approvals for the same shall be obtained from competent authority.
- 3) During the progress of work the Revised Administrative Approval for any exceptional case if Required, the Proposal with clear financial picture should be submitted to Division office in schedule time.
- 4) Expenditure of the work shall be limited to grant allotted.
- 5) During the execution of work, Instruction issued by Govt. and by this office from time to time shall be followed strictly.
- 6) Deputy Executive Engineer shall verify rate adopted in this estimate.
- 7) Earthwork shall be measured and paid on L/S & C/S basis.
- 8) Provision made in the estimates with respect to the necessity shall be as per the guideline for earthquake resistant design and relevant I.S. CODE and The Deputy Executive Engineer shall personally verify it.
- 9) Deputy Executive Engineer shall check the provision made and structural design for cross drainage/bridge work and apron and jacketing by ascertaining the hydraulic particulars and foundation strata in detail before taking up the work on hand, and if found necessary the estimates shall be revised and revised technical sanction shall be obtained from competent authority.
- 10) Construction joint in the masonry and cautioning in pipe drains shall be provided as per Govt. norms.
- 11) Work shall not be splitted up without prior approval obtained from Govt.
- 12) Work shall be carried out as per P.W.D. Manual Part-1 & Part-2
- 13) The work shall not be repeated in any other scheme to avoid duplication D.E. & A.E. / A.A.E shall confirm that this work is not executed or included in any other scheme.
- 14) Dismantled materials if any shall be taken on the Stock Register.
- 15) The T.S. note entered to T.S. Register (2025-26) on **Page No. 17, Sr. No. 105.**
- 16) Sanctioned plans & Estimate are sent here with.

Encl :-As above


Executive Engineer
Panchayat R & B Division
DevbhumiDwarka.

Name of Work :-Construction of Box Culvert on Raval To Gorana Road (VR) Km.2/600 to 2/700 Ta:-
Kalyanpur Dist:- Devbhumi Dwarka

RECAPITULATION SHEET

Sr. No.	Sub Estimate No.	Description of Work	Chainage	Amount (Rs.)
1	Part-1A	Box Culvet 3x3.0mx2.50m with App.	Km.2/600 to 2/700	41,93,672.35
Total Rs.				41,93,672.35
Amount After deduction of Labour Cess				41,52,150.84
Add 18% GST				7,47,387.15
Total Rs.				49,41,059.51
Add. Contingency L.S. Rs.				17,000.00
Add. Quality Control 1% Rs.				41,936.72
Total Rs.				49,99,996.23
Say Rs.				50,00,000.00

Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka

Perusal sanction for

Rs. 50,00,000/-

(Rs. Fifty lakh only)

Letter No. E.O.T. 2726/28/D-1

Dated 16/01

C. E. (Saurashtra) & A. S.
Sachivstaya, Gandhinagar
R. & B. Department

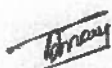
Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

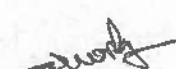
Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

Name of Work :- Construction of Box Culvert on Raval To Gorana Road (VR) Km.2/600 to 2/700 Ta:-
Kalyanpur Dist:- Devbhumi Dwarka

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Assistant Engineer/A.A.E.
Panchayat R & B Sub Division
Devbhumi Dwarka


Deputy Executive Engineer
Panchayat R & B Sub Division
Devbhumi Dwarka

Executive Engineer
Panchayat R & B Division
Devbhumi Dwarka

P.B. T.S. 33/105 Dt. 01/08/2015
Technically Sanctioned For Rs. 50,00,000/-
in wards Fifty Lac Rupees only


Executive Engineer
R. & B. (Panchayat) Division
Devbhumi Dwarka