



**SURAT MUNICIPAL CORPORATION
(BRIDGE DEPARTMENT)**

TENDER FOR

**WIDENING OF EXISTING CANAL CULVERT/BRIDGE STRUCTURE ON 60.0 M WIDE
D.P. ROAD CONNECTING NATIONAL HIGH WAY IN WEST ZONE (RANDER) AREA**

E-TENDER NOTICE (ONLINE) NO. **ACE & I/C CE /BRIDGE/01/2026-27 (Work No.07)**

**VOLUME : III
PRICE BID**

Starting Date of Downloading of the Online Tender Documents	04/06/2026 up to 11:00 Hrs.
Last Date of Online Queries to be submitted (online Pre-bid)	
Last date of downloading and Submission of Online Tender Document	On or Before 19/06/2026 Up to 18:00 Hrs.
Physical submission of Demand Draft in original for Tender fee & EMD by R.P.A.D/ speed post (through postal authority only) so as to reach to the Chief Accountant, Account Department, Surat Municipal Corporation, Muglisara, Surat duly super scribed with name of work & tender Notice No.	On all working days Between 20/06/2026 and 29/06/2026 from 10.30 Hrs. to 18.00 Hrs.

CONSULTANTS:

Infinite Civil Solution Private Limited
INFINITE HOUSE, FP-25,
CIMS Hospital Rd,
nr. Aditya Elegance & Railway Track
Panchamrut Bunglows II, Sola
Ahmedabad, Gujarat 380060,

CLIENT :

**The Municipal Commissioner,
Surat Municipal Corporation,**
Tapibhavan, Tapipura, Surat-395 003
Phone : 91-261-2423751 – 56
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Email: commissioner@suratmunicipal.com
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Name of Work

**WIDENING OF EXISTING CANAL CULVERT/BRIDGE
STRUCTURE ON 60.0 M WIDE D.P. ROAD CONNECTING
NATIONAL HIGH WAY IN WEST ZONE (RANDER) AREA**

PREAMBLE

- 1 The project envisages Construction as detailed in the scope of work. For guidance of bidders outline drawings showing the general arrangement contemplated by the employer are attached in Volume-I.

The typical outline drawings enclosed are to be taken as indicative except for certain salient parameters, obligatory requirements etc. which have been specified in bidding data in Vol - I. These outlines also specify the minimum acceptable mix, specification and sizes of different components and If various items and activities as per scope of work of the tender document are not found to be included in Contractor's technical proposal, drawings and technical note, then the lump sum offer quoted by the Contractor shall be presumed to be inclusive of all such items, specifications and activities as per scope of work in the tender document. No extra payment shall be paid for the same.

- 2 The bidder must quote his offer at the specified space in the PRICE BID both in words and figures. The price bid should be submitted online.
- 3 The offer quoted shall except in so far as it is otherwise provided under the contract, include all constructional plant, labour, supervision, all construction materials, all leads and lifts, erection, maintenance, insurance, profits, taxes (excluding GST) , octroi, royalties and duties together with all general risks, liabilities and obligations set out or implied in the contract. Materials to be used in embankments and unserviceable materials to be disposed should be with all leads and lifts.
- 4 In case of any discrepancies between provisions stated in the scope of work and those covered by the technical specifications / drawings, the provisions in the scope of work shall have preference.
- 5 The bidders shall quote his offer in Indian Rupees only.
- 6 The price quoted for the job shall be deem to cover entire cost of material, labour, plants, equipments, enabling works, overheads, Profits and all that is required to complete the intents and purpose of the contract without any additional payment called for.

- 7 The rates quoted by the Contractor must be inclusive of all taxes prevailing on due date of bid submission except GST. However any subsequent changes in the tax structure by Government after due date of bid submission will be compensated(+/-) on availability or submission of actual documentation. Contractor will have to intimate Engineer regarding changes occurred in the tax structure after bid submission. if the contractor fails to provide such information and if any financial obligation may arise due to change in tax structure. same will be recovered from the contractor. GST will be paid separately on the bills. Hence, it is the responsibility of the contractor to pay the GST to the concerned Authority.

**WIDENING OF EXISTING CANAL CULVERT/BRIDGE STRUCTURE ON 60.0 M
WIDE D.P. ROAD CONNECTING NATIONAL HIGH WAY IN WEST ZONE
(RANDER) AREA**

SCHEDULE - B

Memorandum showing items of works to be carried out

RECAPITULATION SHEET

SECTION NO.	DESCRIPTION	AMOUNT (Rs.)
SECTION - 1	Bridge Work	4,44,14,558.78
	Total Amount put to Tender Rs. =	4,44,14,558.78
In word : Four Crore Forty Four Lakh Fourteen Thousand Six Hundred Rupees Only/-		

I/We am/are hereby agree/agrees to carry out the aforesaid work as per tender condition at _____% above / below(_____percentage above/below) of the estimated tender amount. the amount of my/our tender for aforesaid work is Rs.....(In word Rupees.....)

Notes :

- 1) % above / below is to be submitted online only.
- 2) All work shall be carried out as per the specifications or as directed.
- 3) Rates quoted include cleaning of site (prior to commencement of work and at its close) in all respects and hold for work under all conditions, site moisture, weather, etc..
- 4) Rate quoted after a visiting the site and verified the quantity of work done and balanced work.

Signature
Contractor

Signature
Executive Engineer (Bridge Cell)

WIDENING OF EXISTING CANAL CULVERT/BRIDGE STRUCTURE ON 60.0 M WIDE D.P. ROAD CONNECTING NATIONAL HIGH WAY IN WEST ZONE (RANDER) AREA					
Item Code	Item Description	Unit	Total Quantity	Total Rate (Including 1% L.W. Tax)	Amount
1	Clearing and grubbing road land including uprooting rank, vegetation, grass, bushes, shrubs, sapling and trees girth up to 300mm removal of stumps of trees cut earlier and disposal of unserviceable materials to be used of auctioned up to 1000 meters including removal of top organic soil not exceeding 150 mm in	Ha	0.1020474	28,393.04	2,897.44
2	Carry out alignment survey work by total station including marking of centre line of the bridge and various other component structures, taking ground levels and details of existing structures within 40m from centre line, providing and fixing necessary reference pillars, establishing bench marks, establishing foundation layout on ground, including submission longitudinal section, cross section and report of survey work in three copies with soft copy in CD to Engineer-in-charge as directed.	Job	1	55,550.00	55,550.00
3	Carryout Geotech investigation work including drilling 150 mm dia bore holes in all sorts of soil, ordinary rock and hard rock, upto maximum depth as mentioned, collecting undisturbed samples and conducting standard penetration tests alternate at an interval of 1.5 to 2.0 m depth, conducting all necessary laboratory tests as per IRC provision, showing bore log locations, their RL of GL, for all type of classification and determination of soil parameters, including submission of report in three copies covering investigation data and recommendation for SBC & providing all parameters as per IRC considering the design criteria, all as per specification , as and where required and as per instruction of engineer in charge				
	all sorts of soil	Rmt	40.00	1,111.00	44,440.00
	ordinary rock and hard rock	Rmt	20.00	2,020.00	40,400.00
4	Excavation for foundation in sand, gravel, clay soft soils and murrum etc* including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed. (A) Depth upto 3.0 M. and lead upto 100m for 10 Cum	Cum	1383	501.09	6,93,009.27
5	Excavation for foundation in sand, gravel, clay soft soils and murrum etc. including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed.(B) Depth from 3.0 to 6.0 M. and lead upto 100m for 10 Cum	Cum	842.00	586.99	4,94,247.10
6	Excavation for foundation in sand, gravel, clay soft soils and murrum etc. including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed.(C) Depth from 6.0M. to 9.0M. and lead upto 100mm considering for	Cum	165.00	647.44	1,06,827.65
7	Providing and casting in situ Ordinary cement concrete M-150 for R.C.C. Raft and cut-off walls including necessary shuttering laying, vibrating, ramming and curing complete	Cum	70.00	3,596.30	2,51,740.78
8	Providing and casting in situ Ordinary cement concrete M-150 for canal lining including necessary shuttering laying, vibrating, ramming and curing complete	Cum	221	3,596.30	7,94,781.61
9	Providing and Casting in situ controlled Cement Concrete M-35 for R.C.C. Raft and cutt-off walls including necessary shuttering laying, vibrating, ramming and curing complete	Cum	287.00	4,790.70	13,74,931.67
10	Providing and laying in position FE 550D TMT bar reinforcement including providing fusion bonded epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bar as per IS 13620 1993/ASTM-775 M including testing of coating at plant and and all taxes and transporting to the site from factory , cutting, bending, hooking and tying complete as per detailed drawings for the following.(A)Abutment Footing,(B)Pier Footing	MT	27.00	83,380.15	22,51,263.94
11	Providing and casting in situ controlled cement concrete M-35 for R.C.C. return as per drawings including centering shuttering, scaffolding where necessary, laying vibrating, curing and finishing complete. (A) Height from 0.0 to 5.0 M.	Cum	539.00	5,362.15	28,90,199.17

Item Code	Item Description	Unit	Total Quantity	Total Rate (Including 1% L.W. Tax)	Amount
12	Providing and casting in situ controlled cement concrete M-35 for R.C.C. work in pier cap, abutment cap and dirt wall including controlled cement concrete M-30 bed blocks or pedestals of required size below bearings as per detailed drawings, centering, shuttering, scaffolding, wherever necessary, laying vibrating, curing	Cum	101.00	4,975.96	5,02,571.65
13	Providing and laying in position FE 550D TMT bar reinforcement including providing fusion bonded epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bar as per IS 13620 1993/ASTM-775 M including testing of coating at plant and all taxes and transporting to the site from factory , cutting, bending, hooking and tying complete as per detailed drawings for the following.following.(A) Piers (B) Abutments (C) R.C.C. Returns (A) Abutment cap & Dirt wall. (B) Pier Cap.	MT	95.00	83,380.15	79,21,113.87
14	Providing and casting in situ controlled cement concrete M-35 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete	Cum	222.00	5,505.79	12,22,286.00
15	Providing and laying in position FE 550D TMT bar reinforcement including providing fusion bonded epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bar as per IS 13620 1993/ASTM-775 M including testing of coating at plant and all taxes and transporting to the site from factory , cutting, bending, hooking and tying complete as per detailed drawings for the following.following.(A) Solid Slab,	MT	23.00	82,764.48	19,03,583.05
16	Providing and filling in position Premoulded Asphalt joint filler Board 20mm size as directed by Engineer in charge	Sqm	54.00	769.62	41,559.48
17	Providing and Laying in Tar Paper Below solid Slab from approved manufacturer only as per drawing.	Sqm	85.00	50.50	4,292.50
18	Providing and casting in-situ controlled cement concrete of M40 grade for RCC Crash barrier with 20mm down coarse aggregate of the required size including formwork, placing in position, consolidating with mechanical vibrators, curing, finishing, etc. complete	Cum	54	5,135.12	2,77,296.63
19	Providing and Fixing 40mm dia pipe railing 450mm height including 2 coats of painting to steel works complete.	Rmt	153.00	2,410.00	3,68,730.00
20	Providing and laying in position FE 550D TMT bar reinforcement including providing fusion bonded epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bar as per IS 13620 1993/ASTM-775 M including testing of coating at plant and all taxes and transporting to the site from factory , cutting, bending, hooking and tying complete as per detailed drawings for the following. Rcc Crash Barrier	MT	10.00	82,764.48	8,27,644.80
21	Providing and laying of a strip seal expansion joint catering to maximum horizontal movement upto 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for	Rmt	136.00	1,733.16	2,35,709.76
22	Providing and filling sand behind abutments and between returns & retaining wall in layers as directed.	Cum	2361.00	538.85	12,72,213.28
23	Providing and laying filter media 600mm thick as directed at the back of abutments, returns walls, retaining wall, etc as per technical specifications	Sqmt	257.00	1,248.74	3,20,927.16
24	Providing Weep holes in RCC abutment and returns by using A.C.pipe of 100 mm including laying in proper grede and jointing the complete as per detail specification	Nos	52.00	84.95	4,417.46
25	Providing and casting in situ controlled cement concrete M-150 for approach slab cluding formwork curing and finishing complete	Cum	35.00	3,596.30	1,25,870.39
26	Providing and casting in situ controlled cement concrete M-30 for approach slab including formwork curing and finishing complete.	Cum	69.00	5,250.55	3,62,287.65

Item Code	Item Description	Unit	Total Quantity	Total Rate (Including 1% L.W. Tax)	Amount
27	Providing and laying in position FE 550D TMT bar reinforcement including providing fusion bonded epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bar as per IS 13620 1993/ASTM-775 M including testing of coating at plant and and all taxes and transporting to the site from factory , cutting, bending, hooking and tying complete as per detailed drawings for the following.following.(A) R.C.C. Approach slab.	MT	7.00	82,764.48	5,79,351.36
28	Providing PVC 100mm diameter water spouts including necessary grating as per drawings	Nos	10.00	159.37	1,593.68
29	Carrying out load test of super structure as directed including all necessary materials plant equipement, instruments, labour and arrangements for test directed	MT	250.00	169.92	42,480.60
30	Providing flood gauge marks on substructure as per design including painting complete.	Rmt	23.00	157.80	3,629.46
31	Numbering the C.D. work with approved paint including all materials for painting etc. complete.	Nos	4.00	47.89	191.58
32	Providing and fixing premoulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum. nonstaining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 20 mm wide expansion joint including cutting to required size and shape at all levels etc.complete as directed.	Sqm	15.00	796.67	11,950.02
33	Structural steel work (Confirming to IS 4923-1997) riveted, bolted or welded in builtup for all type sections, in framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per the structural designs and directions of Engineer in charge.	Kg	361.00	127.95	46,188.79
34	Sealing of cracks/porous concrete by injection process through nipples/Grouting complete as per Technical Specification.	Kg	163.00	191.90	31,279.70
35	Excavation for RCC Retaining wall foundations in sand, gravel, clay, soft soils,murum, hard murum, boulders, very stiff or sticky clays, etc. including shoring, strutting and dewatering as necessary and depositing of the excavated stuff as directed for all lead, back filling the excavated pit by approved excavated material etc. complete as per specification. Depth upto 3.0 M. and lead upto 100m for 10 Cum	Cum	256.00	501.09	1,28,279.37
36	Excavation for RCC Retaining wall foundations in sand, gravel, clay, soft soils,murum, hard murum, boulders, very stiff or sticky clays, etc. including shoring, strutting and dewatering as necessary and depositing of the excavated stuff as directed for all lead, back filling the excavated pit by approved excavated material etc. complete as per specification.Depth from 3.0 to 6.0 M.and lead upto 100m for	Cum	213.00	586.99	1,25,029.25
37	Providing and casting in situ Ordinary cement concrete M-150 for R.C.C. Raft and cut-off walls including necessary shuttering laying, vibrating, ramming and curing complete	Cum	13.00	3,596.30	46,751.86
38	Providing and casting in-situ controlled cement concrete of M30 grade for RCC work for foundation of RCC Retaining wall with 20mm down coarse aggregate of the required size for any depth including dewatering, scaffolding / centering, shuttering, mixing, placing in position, consolidating with mechanical vibrators, curing, deshuttering carefully, making good the damages, fixing embedment, inserts, pockets, wherever necessary as per	Cum	33.00	4,711.41	1,55,476.45
39	Providing and casting in-situ controlled cement concrete of M30 grade for RCC Retaining wall with 20mm down coarse aggregate of the required size for heights mentioned below including, centring, shuttering, scaffolding wherever necessary,laying, placing in position, consolidating with mechanical vibrators, curing, finishing, deshuttering carefully, making good the damages, fixing embedment, inserts, pockets, wherever necessary as directed and as per drawing with F3 type exposed concrete finish and form mark as directed by Engineer-in-charge, etc. complete as per specification. Height upto 5m.	Cum	39.00	5,282.86	2,06,031.36

Item Code	Item Description	Unit	Total Quantity	Total Rate (Including 1% L.W. Tax)	Amount
40	Providing and laying in position FE 550D TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) RCC Retaining Wall	MT	5.50	83,380.15	4,58,590.80
41	Providing and laying filter media 600mm thick as directed at the back of abutments, returns walls, retaining wall, etc as per technical specifications	Sqm	100.00	1,248.74	1,24,874.38
42	Providing Weep holes in RCC abutment and returns by using A.C.pipe of 100 mm including laying in proper grede and jointing the complete as per detail specification	Nos	20	84.95	1,699.02
43	Providing and filling sand behind abutments and between returns & retaining wall in layers as directed.	Cum	500.00	538.85	2,69,422.55
44	Providing and fixing post and pipe railing as per detailed drawing including 3 coats of painting to steel works complete	Rmt	20.00	1,204.77	24,095.37
45	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	Hec	1.25	28,393.04	35,394.76
46	Scarifying gravelled macadam or bitumen macadam surface 6.00 cm to 10.00 cm.depth including stacking useful materials on road side and disposing off remaining stuff	Sqm	9363.00	40.72	3,81,291.32
47	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections, and transporting to the embankment location with a lift upto 1.5 m and lead upto 1000 m as per MoRTH (5th Revision) Specification Clause 301.	Cum	5000.00	104.20	5,21,008.50
48	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.(E) From Borrow area within 3.0KM. lead	Cum	2836.00	242.05	6,86,443.87
49	Providing and laying Granular Sub Base (drainage layer) conforming to grading V of Table 400-1 of each layer not exceeding 200mm thickness and compacted thickness as per design & drawing with specified graded stone metal and sand mixed in pugmill and laid with mechanical means spreading with motor grader and compacting with vibratory roller having minimum 80-100 kN static weight to achieve desired density of 98% of MDD including all materials, labour, machinery,tests required to be carried out with all leads and lifts etc., complete as per details in tender specification & as directed by engineer in charge.	Cum	958.00	1,471.24	14,09,444.76
50	Providing and laying Wet Mix Macadam with paver finisher in specified thickness, each layer not exceeding 200 mm compacted thickness including premixing in WMM plant with well graded crushed stone aggregate, with watering and spreading by mechanical means to required profile and compacting by vibratory roller of minimum 80-100 kN static weight to achieve desired density of 98% of MDD including all material, labour, machinery, test with all leads and lifts etc.,complete as per details in tender specification & as directed by engineer in charge.	Cum	728.00	1,633.08	11,88,881.58
51	Supplying and applying Slow Setting-1 (SS-I) bitumen emulsion conforming to IS 8887, for application of prime coat over Wet Mix Macadam at the rate of 0.85 kg per Sq.Meter area, including all materials, labour, machinery,test with all leads and lifts etc., complete as per details in tender specification & as directed by	Sqm	12591.00	62.25	7,83,743.16

Item Code	Item Description	Unit	Total Quantity	Total Rate (Including 1% L.W. Tax)	Amount
52	Providing and laying DENSE GRADED BITUMINOUS MACADAM (DBM) as per gradation and bitumen for mixing shall be as arrived from mix design, provided in no case it shall be less than 4.5% for Grade II by wt. of total mix as binder by batch mix type hotmix plant and laying by sensor paver finisher including consolidation by rollers as specified including providing and operating plant, sensor paver and machinery, cost of fuel, oil lubricant and labour charges, tests required to be carried out including cost of aggregate and filler (if found required as per mix design) etc complete (But including cost of providing bitumen)	MT	1655.00	2,915.45	48,25,062.80
52a	Carting and conveying of bitumen from refinery / any depot of oil companies to Surat including loading & unloading in suitable tanks/drums etc. Complete (without octroi charge applicable from time to time). (41.5 from Kavalik and Saurashtra refinery / Kavalik)	MT	74.48	931.63	69,383.45
53	Supplying and applying Rapid Setting-1 (RS-I) bitumen emulsion confirming to IS 8887, for application of Tack coat before application of binder course at the rate of 0.27 kg. per Sq. Meter area, including all materials, labour, machinery, tests required to be carried out with all leads and lifts etc., complete as per details in tender specification & as directed by engineer in charge.	Sqm	25181.00	12.63	3,17,910.13
54	Providing and laying 25mm to 50mm thick compacted BITUMINOUS CONCRETE (BC) using aggregates as per gradation and percentage of bitumen for mixing shall be as arrived from mix design, provided in no case bitumen percentage shall be less than 5.4% for Grade II by Wt. of total mix as binder by batch mix type hot mix plant and laying by sensor paver finisher including consolidation by rollers as specified including providing and operating plant, sensor paver and machinery, cost of fuel, oil, lubricant and labour charges, tests required to be carried out including cost of aggregate and filler (if found required as per mix design) etc. complete (including cost of providing bitumen)	MT	1209.00	3,289.82	39,77,395.40
54a	Carting and conveying of bitumen from refinery / any depot of oil companies to Surat including loading & unloading in suitable tanks/drums etc. Complete (without octroi charge applicable from time to time). (41.5 from Kavalik and Saurashtra refinery / Kavalik)	MT	65.286	931.63	60,822.66
55	Supplying , stacking, spreading , rolling and watering hard murrum as directed for side shoulder as directed with all lead & lift.	Cum	148.00	142.49	21,088.64
56	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin 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 color 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.	Sqm	805.00	367.72	2,96,015.24

Item Code	Item Description	Unit	Total Quantity	Total Rate (Including 1% L.W. Tax)	Amount
57	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 color of the marker should be as per the IRC 35-2015 and as directed by Engineer-in- charge.	Nos	381.00	326.23	1,24,293.63
58	Providing and fixing of 4 mm thk ACP Takti or SS Takti with minimum Size of 4' x 3' on RCC/Decorative pylons or directed by client along with Water Proof Mandap of minimum Size 100'x100', 75 Nos of VIP Chairs, 15 Nos of VIP Sofa including necessary electric fixtures like fan,cooler,lighting arrangement, D.G Sets etc as per site requirement and required to make it functional or as directed by Engineer In charge for Functions of Khat Muhurt and Lokarpan Vidhi/Vidhies of above work.	Nos	2.00	4,04,000.00	8,08,000.00
59	Type - A, "W" : Metal Beam Crash Barrier (Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments 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, 330 mm long complete as per clause 811)	Rmt	524.00	3,468.34	18,17,410.16
60	Hazard Marker Sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 90x30 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting 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 bestquality 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 blockof 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	Nos	4.00	3,518.69	14,074.75

Item Code	Item Description	Unit	Total Quantity	Total Rate (Including 1% L.W. Tax)	Amount
61	STOP Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 cms. Octagonal as per design of IRC-67-2012. Pre treated with phospheting 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; 3.6mtr 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 bestquality 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 blockof 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	Nos	1.00	6,704.36	6,704.36
62	Cautionary Warning Sign :-Providing and fixing sign boards made out of 2mm aluminium 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 phospheting 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; 3.6mtr 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 bestquality 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 blockof 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	Nos	4	3,906.19	15,624.74
63	Regulatory / Mandatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60 cms. Dia Circle as per design of IRC-67-2012. Pre treated with phospheting 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; 3.6mtr 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 bestquality 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 blockof 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.	Nos	2.00	3,540.12	7,080.24

Item Code	Item Description	Unit	Total Quantity	Total Rate (Including 1% L.W. Tax)	Amount
64	Chevron sign :-Providing and fixing sign boards made out of 1.5mm aluminium sheet / 3mm ACP (Aluminum composite Panel); size 60x50cm 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; 3.3 mtr 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 35x35x3mm; 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 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. (A) Class-B Type-4 Retro Reflective sheeting	Nos	11.00	3,711.75	40,829.25
65	Dismantling the existing structure including removing and stacking the dismantled materials as and where directed, (A) R.C.C. work	Cum	134.00	909.91	1,21,927.81
66	Dismantling steel work including distempering and stacking the materials with all lead and lift.	Kg	9800.00	3.67	35,929.74
67	Dismantling the C.C. lining including including disposing off the dismantled materials as directed etc. complete 150mm Thick	Cum	221	909.91	2,01,089.89
					4,44,14,558.78
Total					4,44,14,558.78