



# मिरा भाईदर महानगरपालिका

स्व. इंदिरा गांधी भवन, मुख्य कार्यालय, छत्रपती शिवाजी महाराज मार्ग,  
भाईदर (प.), ता.ठाणे-४०११०१ दुरध्वनी क्रं.२८१९२८२८  
बांधकाम / विद्युत विभाग



जा.क्र. मनपा/साबां/विद्युत/ ५६९३ /2024-25  
दि. ०८ / ०९ /2025

प्रति,  
सिस्टीम मॅनेजर  
माहिती तंत्रज्ञान विभाग तथा जनसंपर्क अधिकारी  
मिरा भाईदर महानगरपालिका

**विषय :-** जाहीर सुचना वृत्तपत्रात व महानगरपालिकेच्या संकेतस्थळावर प्रसिध्द करणेबाबत.

महोदय,

मिरा भाईदर महानगरपालिका क्षेत्रात अद्यावत ATC सिग्नल यंत्रणा बसविणे कामी खुल्या बाजरातून दरपत्रक मागविणेबाबत कामे करण्याकामी सोबत जोडण्यात आलेली कोटेशन नोटीस महानगरपालिकेच्या अधिकृत संकेत स्थळावर तसेच स्थानिक वृत्तपत्रांमध्ये प्रसिध्द / upload करण्यात यावी.

(नितिन मुकणे)

कार्यकारी अभियंता (साबां/विद्युत)

मिरा भाईदर महानगरपालिका



## मिरा भाईंदर महानगरपालिका

स्व. इंदिरा गांधी भवन, मुख्य कार्यालय, छत्रपती शिवाजी महाराज मार्ग,  
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बांधकाम / विद्युत विभाग

जा.क्र. मनपा/साबां/ <sup>दि</sup> ५६३३/२०२४-२५  
दि. ०८ / ०९ / २०२५

### // जाहिर नोटीस //

मिरा भाईंदर महानगरपालिका क्षेत्रात अद्यावत ATC सिग्नल यंत्रणा बसविणे कामी खुल्या बाजारातुन दरपत्रक मागविण्यात येत आहे.

सदर कामाकरिता दि. 17/01/2025 रोजी संध्या 4.00 वाजेपर्यंत मिरा भाईंदर महानगरपालिका, मुख्य कार्यालय, बांधकाम विभाग, 4 था मजला येथे स्वारस्य असलेल्या कंत्राटदाराने सोबत जोडलेल्या दरपत्रकातील बाबींकरिता दर भरून देण्यात यावेत.

सदर कामी विस्तृत माहिती स्थानिक दैनिक वृत्तपत्रात व [www.mbmc.gov.in](http://www.mbmc.gov.in) या संकेतस्थळावर उपलब्ध आहे.

(नितिन मुकणे)

कार्यकारी अभियंता (साबां/वि)

मिरा भाईंदर महानगरपालिका



**MIRA BHAINDAR MUNICIPAL CORPORATION**  
**PWD / Electric Department**  
**Indira Gandhi Bhavan, Chhatrapati Shivaji Maharaj Marg,**  
**Bhaindar (W) 401101,**  
**Tal. Dist – Thane, Ph. 28192828**

**// RATE FORM //**

**Name of Work :-** Rate for Supply, installation, testing & Commissioning of ATC System at various signal Junction IN MBMC AREA.

**Name and address of Contractor :-**

**B-2 FORM**

<b>Sr. No.</b>	<b>Description</b>	<b>Qty</b>	<b>UNIT</b>	<b>RATE</b>
1.	Supply of Type 4 controller (13-16 phases) with controller cabinet. Provided lamp monitoring, ATC (outstation modem) interface with optical fiber cables, Cable-less Linking facility etc. Controller shall support Central Traffic management system with standard communication protocol like NTCIP / UTMC. The controller shall support wide traffic management system like SCOOT, SCATS, Imflow, Omnia-Utopia. The controller shall be EN12675 certified from EN notified lab and the test certificates shall be submitted with bid.	1.00	No	
2.	Installation, testing and commissioning of all types of ATC controller	1.00	No	
3.	Sealing of controller with bitumen / foam for achieving IP 55 protection.	1.00	No	
4.	Supply, Installation and commissioning of Push button assembly including display / instruction board as per drawing	1.00	No	
5.	Supply of PVC insulated armoured cable-1 Sq.mm. 16 core copper conductor	1.00	Rmt	
6.	Supply of PVC insulated armoured cable-1.5 Sq.mm. 2 Pair copper conductor	1.00	Rmt	
7.	GSM Based Router	1.00	No	

8.	5 Years connectivity- Monthly per location	1.00	No	
9.	Supply of cable jointing Kit and joining of 1.5 sq.mm X 8 core copper conductor control cable	1.00	No	
10.	Supply of cable jointing Kit and joining of 1.5 sq.mm X 16 core copper conductor control cable	1.00	No	
11.	Supply of 300 mm dia - LED retrofit - Red (blow) as per Specification	1.00	No	
12.	Supply of 300 mm dia - LED retrofit - Amber (blow) as per Specification	1.00	No	
13.	Supply of 300 mm dia - LED retrofit - Amber (blow) as per Specification	1.00	No	
14.	Supply of 200mm pedestrian safelite with single source Hi Flux LED with mask as STOPMAN and WALKMAN and a safelight as per technical specification	1.00	Nos	
15.	TrafiCam X-stream BPL version, wide angle (Ref. No 10-7000) or higher AI camera Integrated camera and detector offering vehicle presence detection and traffic data collection with video streaming (MJPEG, MPEG-4 or H.264)	1.00	No	
16.	TI x-stream BPL-16outputs (Ref. No10-6085), or higher for TrafiCam Xstreams, TrafiRadar & ThermiCam, Traficam AI	1.00	No	
17.	Power Supply Unit (24V-48V AC/DC)	1.00	No	
18.	Supply, installation, testing and commissioning of 8ports 10/100/1000 BaseT and 2x 1G SFP LAN Ethernet Switch	1.00	No	
19.	Supply of suitable sized Server for proposed central ATCS application as per specification-	1.00	No	
20.	Supply, installation of Operator terminal Intel Processor based PC with i7 processor, 1TBHDD, 16GBRAM, 20.5inch LED Monitor, 4GB graphic card with NVIDA facility, with the Licencse copy	1.00	No	

	of operating System, Microsoft office. With 256 GB SSD			
21.	Variable Messaging Display As per EN12966 of size 2.88 mtrs x 1.44mtrs display area (outer cabinet size of 3.18x1.74mtrs) 20mm pitch, full color full graphic display with 2years warranty & 15 years life	1.00	No	
22.	Supply of VMS pole assembly as per ATC Tech specifications as per & drawing	1.00	No	
23.	Review of Signal Junction with proper Traffic Engineering and Changing Cycle Time, Phase, Plan etc. in coordination with Traffic Police and TMC Engineer	1.00	No	
24.	Excavation of trench for traffic signals and VMS boards cables and conduiting as per requirement of the signal junction up to the depth of 1000mm below the ground surface and width 500mm in the Carriage way (Cement Concrete) including refilling of the trench in carriage way and removal of debris as per the BMC guidelines	1.00	CuM	
25.	Providing and laying RCC foundation of concrete M25 grade square in shape above and below ground level and installation of straight VMS gantry rested on foundation as shown in drwg. and as per technical specification. The rate shall also include cost of excavation, centering, shuttering, reinforcement, PCC 1:2:4, and grouting of foundation bolt, etc. complete as per drawing	1.00	No	
26.	Construction of signal controller foundation up to 600 mm height above ground level and 600 mm below ground level on C.C. M20 grade pedestal, having size (LXBXH) with fixing of SS 304 nut bolts for controller cabinet & Power supply box	1.00	No	

	cabinet as per BMC technical specification and drawing			
27.	Providing, Laying and Jointing 160 mm dia (OD) HDPE pipes of PE-80 grade and PN6 class with butt joints etc. complete as specified and directed	1.00	Rmt	
28.	Supply of single 50 mm (OD)/ 37 mm (ID) double walled corrugated High Density Poly Ethylene (HDPE) Pipes conforming to the IS 14930 (Part-II) including supply of necessary sockets, couplings etc.	1.00	Rmt	
29.	Laying 50 mm (OD)/ 37mm (ID) double walled corrugated High Density Poly Ethylene (HDPE) Pipes including pull wire along with necessary sockets, couplings etc	1.00	Rmt	
30.	ATCS central server application system on Widows 8 or higher version as per technical specification mention herein	1.00	No	
31.	ATCS Junction software lic with data creation	1.00	No	
32.	Installation & Commissioning of New type LED cantilever Traffic Signal	1.00	No	
33.	Supply, installation & Testing Chemical earthing which includes Chemo MF Earthing electrodes field with SSC compound, seal from both the end having dia 80 mm length 1000mm, terminal 50 * 6 mm, MOC-SDGI with soil resistivity improvement powder with moister booster compound by manually digging process fixing of FRP earthing chamber cover, connection of earthing Pit to grip with each other & accessories i.e. cables, lux, nuts, bolts, GI strips (25X3) 1 mtr etc. as directed by engineer.	1.00	No	
34.	Excavate and install brick built or equivalent sectional chamber to be450mm (L)X 450mm (B) X 600mm(D) to tie into proposed 120 mm	1.00	Nos 1	

	ducts/65mm G.I. Pipe in foot path include permanent reinstatement and backfill material as per technical specification			
35.	Supply & installation of FRP Chamber Cover size 510 X 510 X35 mm as per EN 124:2004 for 25 MT load capacity	1.00	Nos 1	
36.	Supply & installation of FRP Chamber Cover Frame of size 620 (L) X 620(B) X72 (W) mm suitable of FRP cover size 510 X 510 X45 mmas per EN 124:2004 for 25 MT load capacity	0.5	Nos 1	
37.	Supply of illuminated Pedestrian safety bollard as per technical specification and shall be operated in sync with pedestrian traffic lights installed at the junction	1.00	Nos 1	
38.	Erection, foundation and testing commissioning of above bollard	1.00	Nos 1	