



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/शा.अ-३/८२४/२०२६-२७

दि.०७/५/२०२६

प्रति,
सिस्टीम मॅनेजर
माहिती व तंत्रज्ञान विभाग
मिरा भाईदर महानगरपालिका

विषय :- जाहीर सूचना वृत्तपत्रात व महानगरपालिकेच्या संकेतस्थळावर प्रसिध्द करणेबाबत.

महोदय,

मिरा भाईदर महानगरपालिका क्षेत्रात मा. पोलिस आयुक्त यांच्या समवेत असलेल्या बैठकीतील निर्देशनानुसार ट्रॅफिक सिग्नल बसविणेकामी आवश्यक बाबींचा समावेश असलेली अंदाजपत्रके तयार करणेबाबत सोबत जोडण्यात आलेली कोटेशन नोटीस महानगरपालिकेच्या अधिकृत संकेत स्थळावर प्रसिध्द / upload करण्यात यावी.

(नितिन मुकणे)

कार्यकारी अभियंता (साबां/विद्युत)
मिरा भाईदर महानगरपालिका

PC-03/2026-27/PJ/सिस्टीम मॅनेजर-01

“माझे शहर, माझा अभिमान”



मिरा भाईंदर महानगरपालिका

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

८२४

जा.क्र.मनपा/साबां/विद्युत/शा.अ-३/२०२६-२७
दि. ०७/५/२०२६

प्रति,
जनसंपर्क अधिकारी
जनसंपर्क विभाग
मिरा भाईंदर महानगरपालिका

विषय :- जाहीर सुचना महानगरपालिकेच्या अधिकृत संकेतस्थळावर प्रसिध्द करणेबाबत.

मिरा भाईंदर महानगरपालिका क्षेत्रात मा. पोलिस आयुक्त यांच्या समवेत असलेल्या बैठकीतील निर्देशानुसार ट्रॅफिक सिग्नल बसविणेकामी खुल्या बाजारातुन ऑनलाईन स्पर्धात्मक दर मागविणेकामी सोबत जोडण्यात आलेली जाहिर सुचना स्थानिक / राज्यस्तरीय वृत्तपत्रात प्रसिध्द करण्यात यावी.

(नितिन मुकणे)
कार्यकारी अभियंता (साबां/वि)
मिरा भाईंदर महानगरपालिका



मिरा भाईदर महानगरपालिका

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

जा.क्र. मनपा/साबां/विद्युत/शा.अ३/८२४/२०२६-२७

दि. ७/५/२०२६

// जाहिर नोटीस//

मिरा भाईदर महानगरपालिका क्षेत्रात नविन ए.टी.सी सिग्नल यंत्रणा बसविणेकामी चालु जिल्हा दरसुची मध्ये दर उपलब्ध नसल्यामुळे खुल्या बाजारातून दरपत्रकमागविण्यात येत आहेत.

सदर कामाकरिता दि.१८/०५/२०२६रोजी संध्या ४.०० वाजे पर्यंत मिरा भाईदर महानगरपालिका, मुख्य कार्यालय, बांधकाम विभाग, ४ था मजला येथे स्वारस्य असलेल्या कंत्राटदाराने सोबत जोडलेल्या दरपत्रकातील बाबी करीता दर भरून देण्यात यावेत.

सदर कामी विस्तृत माहिती www.mbmc.gov.in या संकेत स्थळावर उपलब्ध आहे.

(नितिन मुकणे)

कार्यकारी अभियंता (साबां/वि)
मिराभाईदरमहानगरपालिका

संपा



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 forSupplying, Installing, commisioning of ATC signal work

Name and address of Contractor :-

B-2 FORM

Sr. No.	Description	Qty	UNIT	RATE
1.	EXTRA NO 01 (MR) Supply of Intersection Controller for Adaptive Traffic Control (ATC) consisting of - Advanced processing Unit (APU) containing 32-bit Microcontroller GPS enabled with Remote and local monitoring and control Features, including Controller Cabinet - MS material with powder coating,Cable termination panels, Police Panel, , forced ventilation fans, etc. all complete for installation on site.	1	No	
2.	EXTRA NO 02 (MR) Supply of advanced microprocessor based adaptive traffic signal controller housed in M.S. 16 SWG fabrication, weather proof, vandal proof, M. steel 16 guage cabinet passivated and painted with appropriate colour separate access to police control incorporating for special features like hardware & software conflict monitoring 16 signal groups and capable to directly communicate with higher form of traffic control system such as cordinated with or adjacent controller		NO	
3.	EXTRA NO 03 (MR) Installation, testing and commissioning of ATC controller including lamp testing and conflict monitoring setup as per the junction requirement for successful operation of ATC Controller.	1	No	
4.	EXTRA NO 04 (MR) Construction of signal controller foundation up to 600 mm height above ground level and 600 mm below ground level onC.C.M20 grade pedestal,having size suitable for installation of ATC Controller with fixing of nut bolts for controller cabinet & Power supply box cabinet as per technical specification	1	No	

5.	EXTRA NO 05 (MR) Sealing of controller base and foundation with bitumen / foam for achieving IP 55 protection.	1	No	
6.	EXTRA NO 06 (MR) Review of Signal Junction with proper Traffic Engineering and Changing Cycle Time, Phase, Plan etc. of ATC Controller in coordination with MBMC Engineer and as per the requirement of Traffic Police.	1	No	
7.	EXTRA NO 07 (MR) Supply of Traffic Video Detection Camera - One Sensor / Detector per road (covering minimum of 3 lanes) as per specification or higher offering vehicle presence detection and traffic data collection for Adaptive Traffic Control (ATC) System.	1	No	
8.	EXTRA NO 08 (MR) Supply of Interface Card for Traffic Video Detection Camera with connectivity for minimum 4 Camera's, suitable for installation inside the Intersection controller and securely mounted for easy access and management. Input voltage 24 VDC and as per technical specifications.	1	No	
9.	EXTRA NO 09 (MR) Installation, testing and commissioning of Video Detection camera including calibration and configuration in Traffic Video Detection Camera system, as per the requirement and for successful operation of ATC system.	1	No	
10.	EXTRA NO 10 (MR) Supply, Installation, Testing and Commissioning of Power Management Unit (PMU) of 1KVA capacity with 2nos. 100 AH batteries for operation of Traffic Signal using raw power to give multiple DC outputs of 15A at 24 VDC, 5A at 24 VDC, 1A each at 48 VDC, 12 VDC & 5 VDC. Health and Status monitoring of power from Control room using TCP/IP or SNMP protocol	1	No	
11.	EXTRA NO 11 (MR) Power Supply Unit (24V-48V AC/DC) for Traffic Video Detection System	1	No	
12.	EXTRA NO 12 (MR) License of The Traffic Video Detection System Management Software.	1	No	
13.	EXTRA NO 13 (MR) Supply of 300 mm dia - single source - LED retrofit - Red (blow) as per Specification	1	No	
14.	EXTRA NO 14 (MR) Supply of 300 mm dia - single source - LED retrofit - Amber (blow) as per Specification	1	No	
15.	EXTRA NO 15 (MR) Supply of 300 mm dia - single source - LED retrofit - Green (arrow/U- Turn) as per Specification	1	No	
16.	EXTRA NO 16 (MR) Supply of 300 mm dia - single source - LED retrofit - Pedestrian Red (STOPMAN) as per Specification	1	No	

17.	EXTRA NO 17 (MR) Supply of 300 mm dia - single source - LED retrofit - Pedestrian Green (WALKMAN) as per Specification	1	No	
18.	EXTRA NO 18 (MR) Supply of 300 mm dia - No Right Turn/No Left turn/No Straight/No 'U' Turn aspects by using UV stabilized ink on face plate as per Specification	1	No	
19.	EXTRA NO 19 (MR) Supply of Polycarbonate LED Signal head housing 300 mm dia. as per ATC technical specification and drawing alongwith brackets & accessories etc. (For all type of LED Retrofit)	1	No	
20.	EXTRA NO 20 (MR) Installation of Polycarbonate LED Signal aspect of 300 mm dia. on standard traffic signal straight pole	1	No	
21.	EXTRA NO 21 (MR) Installation of Polycarbonate LED Signal aspect of 300 mm dia. on standard traffic signal cantilever pole	1	No	
22.	EXTRA NO 22 (MR) Supply, installation, Testing and commissioning of Vehicular Count Down Timer - One (1) Count Down timer per road as per specification set forth	1	No	
23.	EXTRA NO 23 (MR) Supply, installation, Testing and commissioning of Pedestrian Count Down Timer - Two (2) Count Down timers per road crossing as per specification set forth	1	No	
24.	EXTRA NO 24 (MR) Supply, Installation, Testing and commissioning of Push button assembly including display / instruction board as per technical specifications and requirements of MBMC	1	No	
25.	EXTRA NO 25 (MR) Supply of PVC insulated armoured cable-2.5 Sq.mm. 3 core copper conductor	1	Rmt	
26.	EXTRA NO 26 (MR) Supply of PVC insulated armoured cable - 1.5 Sq.mm. 8 core copper conductor	1	Rmt	
27.	EXTRA NO 27 (MR) Supply of PVC insulated armoured cable-1.5 Sq.mm. 16 core copper conductor	1	Rmt	
28.	EXTRA NO 28 (MR) Supply of PVC insulated armoured cable-1.5 Sq.mm. 2 Pair copper conductor	1	Rmt	
29.	EXTRA NO 29 (MR) Laying of signal cables (all types including communication cables with multi pairs as described above) in trenches, existing ducts /G.I.Pipes including ferruling, testing etc. but excluding any cable joint, excavation etc.	1	Rmt	
30.	EXTRA NO 30 (MR) Supply of cable jointing Kit and joining of 1 sq.mm X 8 core copper conductor control cable	1	No	
31.	EXTRA NO 31 (MR) Supply of cable jointing Kit and joining of 1 sq.mm X 16 core copper conductor control cable	1	No	

32.	EXTRA NO 32 (MR) Fabrication & Supply of New type LED cantiliver Traffic Signal pole of GI ERW square pipe including 6 Nos of LED Modules, fixtrues, control units, drivers, relays, wires,cables , necessary accessories, transportation of pole to MBMC Depot or site etc. and as per the technical specifications and drawings	1	No	
33.	EXTRA NO 33 (MR) Installation & Commissioning of New type LED cantiliver Traffic Signal Pole on Foundation	1	No	
34.	EXTRA NO 34 (MR) Construction of foundation for New type LED cantiliver Traffic Signal pole including foundation bolts as per technical specification and drawing	1	No	
35.	EXTRA NO 35 (MR) Supply ofGalvanised Iron Class B Traffic Signal straight pole of 6 mtrheight as per Specification.	1	No	
36.	EXTRA NO 36 (MR) Erecting Traffic Signal straight pole of 6m in foundation of concrete of M20 grade, circular in shape of depth 1m below and/or above ground level having dia. Of 300mm only,as per technical specification and drawing	1	No	
37.	EXTRA NO 37 (MR) Supply of Galvanised Iron Class B Traffic Signal Cantilever pole as per the given Technical Specification and drawing	1	No	
38.	EXTRA NO 38 (MR) Erecting Traffic Signal cantilever pole in pole foundation of concrete M20 grade circular in shape of depth 1m below and/or above ground level having dia. Of 450mm only,as per technical specification and drawing	1	No	
39.	EXTRA NO 39 (MR) Supply of 2 mm thick 310 mm x 215 mm x 100 mm MS junction box including providing cover with provision to adjust overall height, knock outs on four sides to accept cables of specified sizes and including elmex connector, gland, cable terminations etc.	1	No	
40.	EXTRA NO 40 (MR) Installation of 2 mm thick 310 mm x 215 mm x 100 mm MS junction box as described above.	1	No	
41.	EXTRA NO 41 (MR) Supplying and erecting mini feeder pillar with 415V, 200A FP MCCB as incomer and 2 outgoing circuits with HRC fuse base and cartridge of 100A with aluminiumbus bar erected in 14 SWG CRCA sheet box with supporting angles, self locks, gasket and enclosure must be dust proof, rust proof, vermin and water resistant, having slantingtop and erected on angle iron/ GI frame in provided C.C. foundation complete as per given technical specification	1	No	
42.	EXTRA NO 42 (MR) Supply, Installation, Testing and Commissioning of GSM SIM based Router including Network connectivity from reputed ISP for connectivity of Junction controller to Control Room	1	No	

43.	EXTRA NO 43 (MR) Connectivity charges at Junction on site - Monthly per location	1	No (Per month)	
44.	EXTRA NO 44 (MR) Supply, installation, Testing and commissioning of a heavy-duty, galvanized insulated containerized Control Room (Size: 20' L x 10' W x 8'6" H). Designed specifically for deployment in open plot or under flyover, as per requirement of MBMC. The setup should have a fire-resistant, weather-proof and fully finished interior suitable for 24/7 traffic monitoring operations. The layout should have a workstation area with a pantry and restroom facility, ensuring complete operational self-sufficiency for control room staff during 24 x 7 operations. This plug-and-play infrastructure should function as a standalone command center, providing all necessary amenities to maintain continuous onsite monitoring without external dependency.	1	No	
45.	EXTRA NO 45 (MR) Supply, installation, Testing and commissioning of Furniture Suitable for containerized Control Room for 24/7 command center operations within the 20' x 10' facility. The setup should provide workspace for four (4) personnel, featuring a 12-foot heavy-duty multi-operator linear console with a 25mm pre-laminated top and built-in cable management raceways, alongside a dedicated 4' x 2.5' executive supervisor desk. The setup should also include four (4) premium high-back ergonomic chairs with adjustable lumbar support and breathable mesh rated for 24-hour use plus four (4) lockable under-desk mobile pedestals for organized storage of documents and other items. In addition to the above the containerized Control Room should also include 2 nos. of 1.5 Ton ACs suitable for cooling the Control Room 24 x 7.	1	No	
46.	EXTRA NO 46 (MR) Supply, installation, testing and commissioning of 10 kVA UPS along with batteries providing 30 minutes back up for 10 kVA UPS including MS powder coated battery rack as per Technical specifications. All complete including the Cabinet for housing the UPS and MS rack for batteries. including foundation for UPS cabinet and MS rack.	1	No	
47.	EXTRA NO 47 (MR) Supply, installation, testing and commissioning of Server for ATC System central application suitable for operation of upto 100 junctions, as per the technical specifications with 3 Years of 24x7 Onsite Warranty	1	No	
48.	EXTRA NO 48 (MR) ATC System central server application system on Windows Server 2016 or higher version, suitable for management of upto 100 junctions including perpetual License for Life.	1	No	
49.	EXTRA NO 49 (MR) Supply, installation, testing and commissioning of Operator terminal Intel Processor based PC with i7 processor, 1TB HDD, 16GB RAM, 20.5inch LED Monitor,	1	No	

	4GB graphic card with NVIDA facility, with the Licence copy of operating System, Microsoft office. With 256 GB SSD			
50.	EXTRA NO 50 (MR) Supply, installation, testing and commissioning of 8 ports 10/100/1000 BaseT and 2x 1G SFP LAN Ethernet Switch	1	No	
51.	EXTRA NO 51 (MR) Supply, installation, testing and commissioning of Wired/Wireless connectivity including Router from reputed ISP for connectivity at Command and Control Room	1	No	
52.	EXTRA NO 52 (MR) Chagres for providing connectivity from a reputed ISP at Command and Control Room - Monthly	1	No (Per month)	
53.	EXTRA NO 53 (MR) Supply, installation, testing and commissioning of VMS Software Application for the real-time control, operation and management of VMS display board. This application should enable operators to remotely create, schedule, and broadcast multi-lingual text, high-resolution graphics, and dynamic video alerts to single or grouped VMD boards from a central workstation as per Technical specifications	1	No	
54.	EXTRA NO 54 (MR) Supply, installation, testing and commissioning of Variable Messaging Display of minimum size 2.8 mtrs x 1.4 mtrs display area (outer cabinet size of 3.18x1.74mtrs) 20mm pitch, full color full graphic display with 2years warranty	1	No	
55.	EXTRA NO 55 (MR) Supply, installation, testing and commissioning of VMS pole assembly as per Technical specifications	1	No	
56.	EXTRA NO 56 (MR) Providing and laying RCC foundation of concrete M25 grade square in shape above/below ground level and installation of straight VMS gantry rested on foundation as per approved 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 technical specification	1	No	
57.	EXTRA NO 57 (MR) Supply & installation of Workstation for VMS Application - Intel Processor based PC with i7 processor, 1TB HDD, 16GB RAM, 20.5inch LED Monitor, 4GB graphic card with NVIDA facility, with the Licence copy of operating System, Microsoft office. With 256 GB SSD	1	No	
58.	EXTRA NO 58 (MR) Supply, installation, testing and commissioning of GSM SIM based Router including Network connectivity from reputed ISP for connectivity of VMS Board to VMS Server in Control Room	1	No	
59.	EXTRA NO 59 (MR) Excavation of trench for traffic signals and VMS boards cables and conduiting as per requirement of the signal junction up to the depth of 750mm below the ground surface and width 500mm in the Carriage way (Asphalt/	1	CuM	

	Mastic Asphalt/ paver block) including refilling of the trench in carriage way and removal of debris as per the MBMC guidelines.			
60.	EXTRA NO 60 (MR) Excavation of trench for traffic signals and VMS boards cables and conduiting as per requirement of the signal junction up to the depth of 750mm 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 MBMC guidelines	1	CuM	
61.	EXTRA NO 61 (MR) Excavate and install brick built or equivalent sectional chamber of size 450mm (L)X 450mm (B) X 600mm(D) to tie into proposed ducts/G.I.Pipe in foot path including permanent reinstatement and backfill material as per Technical Specification.	1	No	
62.	EXTRA NO 62 (MR) Supply & installation of FRP Chamber Cover size 510 X 510 X35 mm as per Technical specifications and suitable for 25 MT load capacity.	1	No	
63.	EXTRA NO 63 (MR) Supply & installation of FRP Chamber Cover Frame of size 620 (L) X 620(B) X72 (W) mm suitable for FRP cover of size 510 X 510 X45 mm as per Technical specifications and suitable for 25 MT load capacity.	1	No	
64.	EXTRA NO 64 (MR) Supply of 65mm GI Pipe with joint coupler as per requirement for underground cabling as per the technical specifications	1	Rmt	
65.	EXTRA NO 65 (MR) Laying of 65mm GI Pipe in excavated trench in road/footpath as per requirement for underground cabling as per the technical specifications	1	Rmt	
66.	EXTRA NO 66 (MR) Supply of single 120mm (OD)/100 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	Rmt	
67.	EXTRA NO 67 (MR) Laying of single 120mm (OD)/ 103.5mm (ID) double walled corrugated High Density Poly Ethylene (HDPE) Pipes including pull wire along with necessary sockets, couplings etc. as per Technical specifications and MBMC guidelines	1	Rmt	
68.	EXTRA NO 68 (MR) Supply of 160 mm dia (OD) HDPE pipes of PE-80 grade and PN6 class with butt joints etc. complete as per Technical specifications and MBMC guidelines.	1	Rmt	
69.	EXTRA NO 69 (MR) Laying of 160 mm dia (OD) HDPE pipes of PE-80 grade and PN6 class with butt joints etc. complete as per Technical specifications and MBMC guidelines.	1	Rmt	

70.	EXTRA NO 70 (MR) 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	Rmt	
71.	EXTRA NO 71 (MR) Laying 50 mm (OD)/ 37mm (ID) double walled corrugated High Density Poly Ethylene (HDPE) Pipes including pull wire along with necessary sockets, couplings etc. as per Technical specifications and MBMC guidelines.	1	Rmt	
72.	EXTRA NO 72 (MR) Supply, installation, Testing & Commissioning of Chemical based earthing which includes Chemo MF Earthing electrodes filled 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 moistuer 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 MBMC engineer.	1	No	
73.	EXTRA NO 73 (MR) Charges for Maintenance of junction per month - as per specification set forth	1	No	
74.	EXTRA NO 74 (MR) Charges for Maintenance of Control room infrastructure per month - as per specification set forth	1	No	