

अहमदनगर महानगरपालिका

विद्युत विभाग

जा.क्र.२९०

दि.०४/०९/२०२३

अहमदनगर महानगरपालिका, अहमदनगर

-बाजार भावाबाबत कोटेशन दरपत्रक-

कळविण्यात येते की, अहमदनगर महानगरपालिका विद्युत विभागांतर्गत खालील मालाची आवश्यकता आहे.

Name of work :- Providing of road traffic signal at Kinetic Chowk in AMC area for the year 2023-24.

QTY	UNIT	It.No	ITEMS
1	No.	1	26-1-2: Supplying, Installing, Testing and Commissioning of advanced microprocessor based automatic traffic signal controller housed in M.S. 18 SWG fabrication with IP 66 weather proof, vandal proof, dust and splash proof M.steel 18 gauge cabinet passivated and painted with appropriate colour, separate access for police control incorporating 16 signal groups and capable to directly communicate with higher form of traffic control system such as coordinated with OR adjacent controller.
4	No.	2	26-1-4: Providing and erecting M-24 cement concrete foundation for 6.1 Mtr Galvanized octagonal traffic signal pole of foundation size 400 x 400 x 1200 mm including excavation in hard murum or Tar/ Metal road as per requirement of proper size foundation including footing, soling at the bottom complete with required curing etc
15	Mtr.	3	26-1-9: Supply of multicore armoured solid state copper core conductor PVC insulated and sheathed cable of 2.5 sqmm c/s area as per 1554 standard 3 core cable.(PCMC RA-2018-19)
40	Mtr.	4	26-1-13: Supplying and laying of multicore flexible copper conductor, PVC insulated & sheathed, ISI wire of 0.5 sq.mm. A) 6 core wire on GI bearer wire No. 16 SWG complete erected with required size of porcelain/PVC reel insulators & 18 SWG GI binding wire
200	Mtr.	5	26-1-14: Supplying and laying of multicore flexible copper conductor, PVC insulated & sheathed, ISI wire of 0.5 sq.mm. A) 14 core wire on GI bearer wire No.16 SWG complete erected with required size of porcelain/PVC reel insulators & 18 SWG GI binding wire
36	No.	6	26-1-47: Supply and erecting of 300 mm dia. F.R.P./Polycarbonate with 5mm thickness black colour signal lamp head assembly unit complete with visor and suitable for retrofit mounting etc A) Single Aspect (as per IS : 7537-1974)(PCMC RA-2018-19)
8	No.	7	26-1-48: Supply and erecting of 300 mm dia. LED Red (or Red BRT) retrofit (Vehicular) with IP 54, light output 260 cd & power consumption <= 10W including polycarbonate lens mounting on provided lamp head etc. (as per IS : 7537-1974)(PCMC RA-2018-19)
8	No.	8	26-1-49: Supply and erecting of 300 mm dia. of LED Amber (or Amber BRT) retrofit (Vehicular) with IP 54, light output 380 cd & power consumption <= 10W including polycarbonate lens mounting on provided lamp head etc. (as per IS : 7537-1974)(PCMC RA-2018-19)
20	No.	9	26-1-50: Supply of LED Green arrow (or Green BRT) retrofit (Vehicular)with IP 54, light output 100 cd & power consumption <= 5W including polycarbonate lens ,mounting on provided lamp head etc. (as per IS : 7537-1974)(PCMC RA-2018-19)

4	No.	10	<p>26-1-55: Supplying, Installing, Testing and Commissioning of digital traffic signal balance time indicator for Red- Amber and Green phase timing in second, super bright RED AND GREEN LEDs bi colour seven segment of LED display, with 250 cd luminous intensity output of each digit with 2 & 1/2 digit read out display, leading zero suppression indicated with transparent acrylic in front of side with M.S. Panel 18 swg with water and dust proof etc complete interfacing with microprocessor controller with TRAFFIC RELATED STOP AND GO SLOGAN</p>
4	No.	11	<p>63-1-1 S&E of 5.9- 6m pole: The pole shaft shall be of 5.9 to 6.0 meter height of square cross section of 150mm X 150mm Square Hollow Section (SHS), presenting a good and pleasing appearance and shall be based on proven design conforming to international standards, to give an assured performance, and reliable service. The structure shall be made from the square hollow sections (SHS) and rectangular hollow sections (RHS) as per IS code with minimum Yst 210 MPa , The procedural weld geometry and the workmanship shall be exhaustively tested on the completed welds. The mast shall be provided with fully penetrated flange, which shall be free from any lamination or incursion. For the environmental protection of the mast, the entire fabricated mast shall be hot dip galvanized, internally and externally as per ASTM A 123. Galvanizing shall be without any lead content. Design code should comply to Wind Pressure & Loading Calculation as per IS:875 (Part 3), Load Combinations IS:800 – 2007 & Pole Design as per AASHTO 2015 "LRFD Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals"/ ASCE/SEI 48-11 "Design of Steel Transmission Pole Structures". The base plate is fabricated from special steel plates, S355 as per BSEN 10025 or equivalent. Base plate shall have suitable number of holes or slots to accommodate anchor bolts. An adequate door opening shall be provided at the base of the pole and the opening shall be such that it permits clear access to all electrical accessories like MCB, fuse etc. It also facilitates easy removal of the same. The door opening shall be complete with a close fitting, vandal resistant, weatherproof door, provided with locking arrangement. The door opening shall be carefully designed and reinforced with welded steel section, so that the shaft section at the base shall be unaffected and undue buckling of the cut portion shall be prevented. The door is supplied with a hand hole cover and required hardware. Shaft length should be provided with LED lighting in RED, Green and Amber for the length of 1.5m flush mounted LED batten to suit 6m pole. LED batten should use LED modules of make Osram/ Cree/Seol/Edison or Semicom. Led modules should have life of 50,000 hours with lumen efficiency (RA 63-1-1/2021-2)</p>
4	No.	12	<p>63-1-4 :S&E of 4m Glowing arm: The signal arm shall be made from Rectangular Hollow sections (RHS) of 150mm X 100mm, conforming to IS Code with min. Yst 210 MPa. The signal arm shall have 4m lengths with rectangular cross section mounted at suitable height. It shall be suitable to carry designed number of signal lights which shall be fixed and flush mounted on the arm through clamps and screws/bolts at desired position. Signal arm shall be perpendicular to pole shaft. Supporting rope shall not be accepted. Signal arm should maintain its perpendicular position even after installation of signal units. The arm attachment shall have two vertical plates welded to pole to mount flange which shall be bolted to arm flange. Arm length should be provided with LED lighting in RED, Green and Amber for the length of 3m (1m X 3 batten) flush mounted LED batten to suit 4m arm. LED batten should use LED modules of make Osram/Cree/Seol/Edison or Semicom. Led modules should have life of 50,000 hours with lumen efficiency and brightness of 120 lumens per watt. LED arm light should comply with IS16104, 16106, 16108, IS10322, IES LM79. LED arm lighting should be IP66 rated. All the LED lights provided on arm should be synchronized with respective signal light (Red, amber, green) and timer. LED lights on arm should be covered by milky white polycarbonate diffuser to make environment proof and vandal proof assembly. Signal-Vision System Batten should be made of aluminum extrusion (75 X 35 mm) with LED Light in synchronization with existing signaling</p>

खालील प्रमाणे दरपत्रकासोबत आवश्यक असणारी कागदपत्रे

१. मुंबई दुकाने व संस्था अधिनियम १९४८ नूसार संस्थेचे नोंदणी प्रमाणपत्र.

२. GST रजिस्ट्रेशन प्रमाणपत्र.

३. PAN कार्ड

४. ३ वर्षांचे आयकर विवरण पत्र (ITR)

*रूपये पन्नास हजारपेक्षा जास्त रकमेच्या खरेदीस रक्कम रूपये ५००/- फक्तच्या स्टॅम्प पेपरवर करारनामा करून द्यावा लागेल.

*स्पेसिफिकेशन प्रमाणे मालाचा पुरवठा स्वखर्चाने महापालिका हद्दीतील नमुद ठिकाणी पुरवठा व दुरुस्ती करावी लागेल.

*कोटेशनमध्ये नमुद दर हे वाहतूक खर्च, बांधणी खर्च, चढ उतार खर्च, GST इ.सर्व कर समाविष्ट तसेच साहित्य अहमदनगर महानगरपालिका पोहोच पुरवठ्यासह असावेत.

तरी सदर मालाचे बाजारभाव सिलबंद पाकिटात कागदपत्रांचा तांत्रिक लिफाफा व दराबाबतचा व्यापारी लिफाफा दि.०६/०९/२०२३ रोजी दुपारी ०२.०० वाजेपर्यंत विद्युत विभाग, अहमदनगर महानगरपालिका येथे समक्ष दाखल करावेत. कळावे दि.०४/०९/२०२३.



प्रविद्युत विभाग प्रमुख

अहमदनगर महानगरपालिका

प्रत:- १) संगणक विभाग, सदरचे दरपत्रक नोटीस मनपाच्या संकेतस्थळावर प्रसिध्द करणेबाबत.

२) हवलदार, मनपाच्या नोटीस बोर्डावर डकवणेची कार्यवाही करणेबाबत.