

# अमरावती महानगरपालिका, अमरावती.

- आदेश पत्र -

क्रमांक \_\_\_\_\_

विभाग क्रमांक \_\_\_\_\_

स्थळ क्रमांक \_\_\_\_\_

पत्र क्रमांक \_\_\_\_\_

अर्जदाराचे नांव \_\_\_\_\_

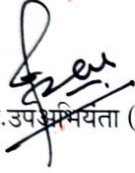
तारीख



आदेश


विषय :- अमरावती व बडनेरा मतदार संघातील चौकाचे सौदर्यीकरण करण्याच्या कामाकरीता दरसूची बाह्य (Non CSR) बाबीकरीता दरपत्रके मागविण्याबाबत.

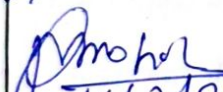
अहवाल सादर करण्यात येतो की, अमरावती व बडनेरा मतदार संघातील एकूण 22 चौकात सौदर्यीकरण करण्याचे प्रस्तावित आहे. यामध्ये Civil, Garden व Electrification इ. बाबींचा समावेश करावयाचा आहे. त्याकरीता यामध्ये सा.बां.विभागाचे दरसूची बाह्य बाबींचा समावेश करावयाचा असून त्याकरीता दरपत्रके मागवून दर निश्चित करावयाचे आहे.

सबब, उपरोक्त कामातील दरसूची बाह्य (Non CSR) बाबीकरीता दरपत्रके मागविण्याचे आदेशार्थ सादर.

  
मा. उपअभियंता (विद्युत) 

  
11/3   
12

मा. न. अ.   
14/7

अमरावती विभाग  
  
14/7/23



Amravati Municipal Corporation  
अमरावती महानगरपालिका

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क्र./अमनपा/बा.वि./श.अ./ 265/२०२३.

दिनांक: 14/07/२०२३

अमरावती व बडनेरा मतदास संघ मधील चौकाचे  
शहर सौंदर्यीकरण मधील दर पत्रक मागविण्या - बाबत.

अमरावती महानगर पालिका अंतर्गत चौकाचे शहर सौंदर्यीकरण करणे ( शासन निर्णय क्रमांक : स्वमअ-२०२२/प्र.क्र.१२६/नवी-३४ दिनांक:20 एप्रिल 2023 ) या प्रकल्पा करिता खालील जोडलेल्या चौकाच्या यादी नुसार सोबत जोडलेले Technical Specifications नुसार दर बांधकाम विभागाच्या कार्यालयात दि. 21/07/२०२३ ला दुपारी १.०० वाजे पर्यंत आणून द्यावे नंतर आलेले दर पत्रक स्वीकारण्यात येणार नाही.

दि. 21/07/२०२३ ला दुपारी ४.०० ला उघडण्यात येईल. कंत्राटदार यांनी शहर अभियंता विभाग यांचे कार्यालयात उघडते वेळी हजर राहावे. (पर offline आणि online उघडणी).

List of Non-SSR Items are Attached.


Sr. No.	Quotation Ref.	Specification Attached Page No.	Quotation Rate
1	वेलकम पॉईंट टू अमरावती (पावर हाउस अर्जुन नगर )	अमरावती चौक सौंदर्यीकरण	
2	छत्रपती संभाजी चौक (विद्युत नगर ते वलगाव रस्ता रिंग रोड पर्यंत )	Technical Specification	
3	पंचवटी चौक	Page No.-1 to 4	
4	गर्ल्स हायस्कूल चौक	Sr.No. - 1 to 30	
5	ट्रान्सपोर्ट नगर चौक		
6	धरम काटा चौक		
7	नागपुरी गेट चौक		
8	कठोरा नाका चौक		
9	शेगाव नाका चौक		
10	जवाहर गेट कोर्ट लाईन चौक		
11	पोलीस पेट्रोल पंप (मालटेकडी सुंदरलाल चौक रस्ता )		

प्रतिबंध दिनांक = 14/07/2023 .

	राजापेठ, अमरावती फ्लायओवरचे सौंदर्यीकरण करणे (अंडर पास आणि फ्लाय ओवर बरील)	बडनेरा चौक सौंदर्यीकरण	
13	राजकमल चौक ते राजापेठ अमरावती पर्यंत सौंदर्यीकरण करणे.	Technical Specification	
14	आठवडी बाजार नाविवस्ती बडनेरा येथील चौक सौंदर्यीकरण करणे.	1) General Items Page No.- 5 to 8	
15	समता चौक, नवीवस्ती बडनेरा येथील सौंदर्यीकरण.	Sr.No. - 1 to 22	
16	यशोदा नगर चौक ते भीमटेकडी पर्यंत व तसेच भीम टेकडी सौंदर्यीकरण करणे	2) Electrical Items Page No.- 9 to 16	
17	अल्मास चौक सौंदर्यीकरण करणे.	Sr.No. - 1 to 16	
18	नवाथे चौक सौंदर्यीकरण करणे		
19	फारशी स्टॉप, दस्तूर नगर ते यशोदा नगर सौंदर्यीकरण करणे.		
20	यशोदा नगर चौक ते ऑक्सीजन पार्क सौंदर्यीकरण करणे.		
21	वेलकम पॉईंट ( ओल्ड बायपास रोड अमरावती-हॉटेल लॅन्ड मार्क जवळ) सौंदर्यीकरण करणे.		
22	साई नगर राधे राधे दुध डेअरी येथे चौक सौंदर्यीकरण करणे.		

सदर Specifications महानगर पालिका web site वर प्रसिद्ध केलेले आहे.

ज्या कंपनी ला दर भरावयाचे आहे त्यांनी दि. 21/07/2023 ला दुपारी १.०० वाजता म.न.पा कार्यालया मध्ये  
आणून द्यावेत. Quotations दि. 21/07/2023 ला दुपारी ४.०० वाजता उघडण्यात येईल.

  
शहर अभियंता  
बांधकाम विभाग  
म.न.पा. अमरावती

प्रतिलिपी,

- 1) प्रती. सिस्टीम मॅनेजर ( सदर नोटीस संकेत स्थळावर प्रसिद्ध करणे)
- 2) मा. शहर अभियंता ( नोटीस बोर्ड वर दर पत्रके नोटीस प्रसिद्ध करण्यात आलेले आहे. )

प्रसिद्ध दिनांक = 14/07/2023.



### Non-SSR Items Quatations Evaluation Sheet

Sr No	Specification	Description	Qty	Unit	Rate	Amount
1	As directed by Engineer in charge	Stone Sculpture Dome made up of a stone with 5 columns forming a pentagonal structure with round Dome. It should be a 2 steps from outer all side & inside plain surface area should be above the 0.500 meter height from 2nd step. It should be open from all 5 side. It should be of smooth surface, made up in a pink stone or similar material, size should be of 2.44 x 3.35 meter. Height 3.35 meter considered from step 1.	1	set		
2	As directed by Engineer in charge	Decorative Garden Lamps (as per requirement & design & should be approved by architect) should be weather proof & water proof of IP65-67 catagory , will be placed around or near to shrub bed to highligh same during night.	1	Unit		
3	As directed by Engineer in charge	decorative street lamp (as per requirement & design & should be approved by architect) should be antique and same design through out the total Quantity of minimum clear height 2.75meter & shall not exceed maximum height of 3.75 meter should be of metal body with antique design fixed on the the outer end of pathway & focusing spreaded light on the pathway. light in the lamp should be of minimum 30 watt minimum , every unit of street lamp should be placed at distance of 10 meter spacing from each other.	1	Unit		
4	As directed by Engineer in charge	Acrylic LED lamp set (as per requirement & design & should be approved by architect) should be of same design through out the total Quantity, should be made up of Acrylic material in white color as a finishing material and should omit LED light placed/ fixed inside to it. It will get fixed on the Hallow arch body frame of 100x100x4 mm as mentioned in the detailed Schedule B of SSR items. LED light should be 12 volt with Choke adaptor to it & every illumination pole should omit single color (white, light blue, warm white, light pink, natural white) should be placed or spaced at 4 meter distance	1	Unit		

## Non-SSR Items Quotations Evaluation Sheet

Sr No	Specification	Description	Qty	Unit	Rate	Amount
5	As directed by Engineer in charge	Decorative Wall lamps (as per requirement & design & should be approved by architect) should be antique and same design throughout the total Quantity. Should be 18-20 watt light. Every 5 lamps should be placed on ht of 2 meter on wall from final floor level with spacing between every lamp should be of 2.3 meter. After every 5 wall lamps, there should be gap of 10 meter.	1	Nos		
6	As directed by Engineer in charge	Artificial Illuminating lighting Tree with single or multicolor lighting option. Should be of IP65-67 category, all weather proof & water proof nature with no or very less maintenance. Should get permanent fixed on the designed floor.	1	Unit		
7	As directed by Engineer in charge	Decorative Garden Pole lamps (as per requirement & design & should be approved by architect) should be antique and same design throughout the total Quantity. Should be 18-20 watt light. Placement o same will be as per requirement of design. Should be of IP65-67 category	1	Nos		
8	As directed by Engineer in charge	Abstract Art sculpture should be as per the requirement of design & should be approved by the architect, it can be of any design & object, either made up of ceramic material, metal material or glass material. It should be of unbreakable & anti - rust material with No future maintenance. Can be of Any color which is as per the requirement of design. Height of the Object can be between 793 mm to 1400 mm, width of same shall not be more than 700 mm to 1200mm. it will be permanently fixed from its base in to a concrete or metal base. Thickness, Height, width of object may vary according to its design.	1	Set		
9	As directed by Engineer in	2 watt spot light of any shade like natural white, warm white, white	1	Unit		



### Non-SSR Items Quatations Evaluation Sheet

Sr No	Specification	Description	Qty	Unit	Rate	Amount
10	As directed by Engineer in	Teracotta block Jali a clay-based unglazed or glazed non-vitreous ceramic of size ....., placed on steel patli frame of size .... " in width	1	Nos		
11	As directed by Engineer in	Pipe Size 3" (Pipe thickness -14 Gauge Nozzle Taping and Bending , Rounding,	1	Rmt		
12	As directed by Engineer in	S.S Stand, Height 3 Feet	1	Nos		
13	As directed by Engineer in	S.S, 25mm Coupling Threaded	1	Nos		
14	As directed by Engineer in	25mm Brass Valve	1	Nos		
15	As directed by Engineer in	½ Mist Brass Nozzle	1	Nos		
16	As directed by Engineer in	25 mm Brass Ball joint	1	Nos		
17	As directed by Engineer in	Dandelion S.S.2.5 feet Nozzle	1	Nos		
18	As directed by Engineer in	300mm round Brass Ball 32 Branches with ½" Threading and 4" inlet size	1	Nos		
19	As directed by Engineer in	S.S, 4" x 8 Feet Header Pipe with Stand	1	Nos		
20	As directed by Engineer in	S.S Screen Filter 75 mm	1	Nos		
21	As directed by Engineer in	10 HP Booster submersible pump	1	Nos		
22	As directed by Engineer in	4 core 4 Sq.mm Flexible Cable	1	Rmt		

### Non-SSR Items Quatations Evaluation Sheet

Sr No	Specification	Description	Qty	Unit	Rate	Amount
23	As directed by Engineer in	6 Sq. mm 3 Core submersible Cable	1	Rmt		
24	As directed by Engineer in	Automatic water proof Panel with timer	1	Nos		
25	As directed by Engineer in	R.F. Controller	1	Nos		
26	As directed by Engineer in	S.M.P.S. controller For Led Light	1	Nos		
27	As directed by Engineer in	Nozzle Mounted 36 Watt, IP 68 RGB light	1	Nos		
28	As directed by Engineer in	4" Vertical NRB	1	Nos		
29	As directed by Engineer in	½" Brass Umbrella Nozzle	1	Nos		
30	As directed by Engineer in	Drain Line Point And in line water connection point for tank cleaning	1	Nos		

Note: Quantity & Rates may vary for the Non SSR items considering the design requirements & necessity.



25/12/23

MOBIUS ARCHITECTS






Date: 25/12/2023

PROPOSED BEAUTIFICATION OF CHOWKS AND ROADS AT BADNERA AND AMRAVATI

Ar. Megha Laddha | Ar. Akhil Laddha reach@mobiusarchitects.co.in

NON SSR - RATE LIST

GENERAL ITEMS

SR.NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
			L1	L2	L3	
1	Designing, Providing & Installation of Rubber Flooring EPDM 25 mm (7 mm EPDM 18mm Scrubbers) with cleaning of base & providing/laying of pcc bed for leveling of surfaces if required. The quality of product to be dependent on vendor.					
SR.NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
2	Designing, Providing & Installation of ARTIFICIAL GRASS of 15 MM with cleaning of base & providing/laying of PCC bed for leveling of surfaces if required. The quality of product to be dependent on vendor					
SR.NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
3	Providing and Installing of FRP Delux slide for Kids Play Area, As per Architect Design					
4	Providing and installing of FRP Multi seater See-Saw for Kids Play Area, As per Architect Design.					
5	Providing and installing of Swings, Post in MS and seats in FRP tied with MS Chain to Post for Kids Play Area, As per Architect Design.					

2nd specification questions attached with sheet, accordingly.









*Megha Laddha*  
 Megha M. Pawar  
 Architect

*Iqbal Isbaq Khan*  
 Iqbal Isbaq Khan

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SR.NO	DESCRIPTION	REF IMAGE	RATES			RATE FINAL (MINIMUM)
			L1	L2	L3	
6	Providing and installing of Outdoor Table tennis with Appropriate Materials, As per Architect Design					
7	Providing and installing of Wall Hanging Basket Ball Net, As per Architect Design					
8	Providing and installing of Outdoor Gymnasium Equipments As per standards. The Quality of product to be dependent on Vendor. TYPE-1					
9	Providing and installing of Outdoor Gymnasium Equipments As per standards. The Quality of product to be dependent on Vendor. TYPE-2					
10	Providing and installing of Outdoor Gymnasium Equipments As per standards. The Quality of product to be dependent on Vendor. TYPE-3					
11	Providing and installing of Outdoor Gymnasium Equipments As per standards. The Quality of product to be dependent on Vendor. TYPE-4					



*Ravi*  
**Ravindra M. Pawar**  
 Executive Engineer-1  
 AMC

*Qadri*  
**Iqbal Ishaq Khan**  
 City Engineer  
 A.M.C., Amravati

SR.NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
			L1	L2	L3	
12	Providing and installing of Chess Pieces in FRP site of 300mm Dia x 750mm Ht. As per Architect Design					
SR.NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
13	Providing and installing of Urter Boxes in SS with Wet & Dry waste Separation, Should be 900MM above from					
SR.NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
14	Providing and installing of Horse sculpture in FRP of Size 24x40.60x41.5M					
15	Providing and installing of RAU MUDRA Sculpture in FRP as per Architect Design and Requirement					
16	Providing and installing FRP sculpture at Circular Base - 2.75 in Dia & 3.6 M in HT (Dahi Handi Theme). (Quotation Attached)					
17	Providing and installing WELCOME TO AMBANAVATI in 3D PVC letters with lighting in build.					
18	Providing and installing FRP sculpture at Circular Base - 2.75 in Dia & 3.6 M in HT (Cultural Theme). (Quotation Attached)					
19	Providing and installing FRP sculpture at Circular Base - 2.75 in Dia & 3.6 M in HT (Cultural Theme). (Quotation Attached)					



*[Signature]*  
**Ravindra M. Patwar**  
 Executive Engineer-1  
 AMC

*[Signature]*  
 SUPERVISOR  
 (Cultural Theme)  
 AMC

ASNT





25/11

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SR. NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
			₹	₹	₹	
20	Providing and installing Water Screen with all machinery required as per Architect design and detail.					
21	Providing and installing of Musical Fountain As per Architectural design.					
22	Providing and installing of FOUNTAIN					



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*Ravindra M. Pawar*  
**Ravindra M. Pawar**  
 Executive Engineer-1  
 AMC

*Iqbal Ishaq Khan*  
**Iqbal Ishaq Khan**  
 City Engineer  
 A.M.C., Amravati

5121

Date : 22/06/2023

PROPOSED BEAUTIFICATION OF CHOWKS AND ROADS AT BADNERA AND AMRAVATI

Ar. Megha Laddha | Ar. Akhil Laddha reach@mobiusarchitects.co.in



SR. NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
			L1	L2	L3	
1	SITC of exterior BIS registered Spot Light, 10-15W/LED, 3000K, Body: Die-casting aluminum Body with Surface Antistatic electrostatic spray processing & screen (IK 08), Electronic Driver which offers Protection against Short Circuit, Over-Voltage & Over-Current, IP 65 protection, voltage input AC240V, Estimated lifetime-L70 @ 50,000hours minimum. Includes of all the accessories required. The product should be BIS approved. To be supported with Product test reports - LM79, BIS Report and LEDs Test Reports. Luminaire shall be conforming to BIS I.e. IS 10322 (PART 5/SEC 7) and shall be complete with all necessary accessories required for proper working of fixture including weather proof connection cables, water proof connectors etc. as required.					
2	SITC of high quality long through multi color wash light, Protection Rating: IP65, complying to BIS standard IS 10322 (Part 5/Sec 7) 2017 and having certification against standard Low Voltage Directive & Protective Equipment - EN 60598-1:2015, and Electromagnetic Compatibility Directive - EN 61347:2009, Mounting Structure: Adjustable wall mount yoke arrangements for fixing the lights. Power consumption: 70W, CCT: RGBW, Optics: PMMA with holder, Beam Angle: 25/45° (as per design/site requirement), Control: DM512 Channel: 4 CH, Body: Die casted / extruded aluminum, Separate compartment for keeping the decoder/driver in the housing, Light distribution: Optics Designed to minimize hot spots & fringing in color mixing applications, Power Input: DC 24V with external driver, Surge Protection: Inbuilt surge protection ZNU-40V(Additional if required will be added as per the requirement), Toughened transparent glass having the IK protection up to IK05, Painting: Chemical 3/7 tank processed treatment before the powder coat black/ash/ approved color coat, Fixture will be suitable to operate in a temperature range of 0°C to 50°C, LED life should be at least 50,000 burning hours at L70 at 25 degree centigrade. Luminaire is inclusive of Integral male/female waterproof connectors with structures in pre wired conditions as per IS standard, HV Certificate from MBL Accredited laboratory. LED Makes should be CIEE, Lumileds, Osram, Seoul, Nichia or equivalent with the engineer or 3rd party testing laboratory approval. Power & DMK Loop In/Out along with moulded connector having the length >= 600mm.					



**Ravindra M. Pawar**  
Executive Engineer-1  
AMC

**Iqbal Ishtaq Khan**  
City Engineer  
A.M.C., Amravati







QIN 21

MOBIUS ARCHITECTS

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SR.NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
			L1	L2	L3	
4	<p>SITC of Four way Light, 10-15W, LED, 3000k, Body/Aluminium Body with screen in PMMA Finished with pure polyester powder coating in grey colour. Electronic Driver which offers Protection against Short Circuit, Over-Voltage &amp; Over-Current, IP 65 protection, CRI &gt; 80, Voltage Input AC 240V. Estimated Lifetime L70 @ 50,000 hours minimum. Inclusive of all the accessories required.</p>	 <p>4 WAY LIGHT</p>				
5	<p>SITC of high quality long throw multi color linear wash light, Protection Rating : IP65, complying to BS standard IS 10821 (Part 5/Sec 1): 2012, and having certification against standard EN 61347-2009, EN 60598-1:2015, and EN 61347-2-3:2014. Mounting Structure : Additional wall mount yoke arrangements for fixing the lights. Rotation view : Inbuilt body rotating angle in degrees punched in the yoke/rear sides for uniform rotation angle to get the desired effect. Power consumption : 30W, CCT : RGBW, (as per the design/site requirement) Beam Angle 25/45°, Control : DMX 512 Channel : 4 Ch, Body : Die casted / extruded aluminium, Hot spot and light distribution : Optics Designed to minimize hot spots &amp; fringing in color mixing applications. Power Input : DC 24V, Surge Protection : Inbuilt surge protection 2kV/4kV / Additional if required will be added as per the requirement. Glare free optical design for human viewing angle from a distance within 2-3 Mtr. Toughened transparent glass sealed above the glass free unit. Painting : 7 bank processed chemical treatment before the powder coat black/ash/approved color coat. Fixture will be suitable to operate in a temperature range of 0°C to 50°C. Lifetime should be at least 50,000 burning hours at L70 at 25 degree centigrade with total protection class of IP 65. Luminaire is inclusive of Integral male/female weatherproof connectors, accessories for fixing with structures in pre wired conditions. Light testing certification from MBL Laboratory should have LM80, IP65 or higher, IK05 or higher etc., LED Makes should be Cree/ Lumileds, OSRAM, Seoul, Philips or equivalent reputed makes.</p>					





**Ravindra M. Pawar**  
Executive Engineer-1  
AMC

Sectional Engineer (Elect)



02/21

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S/N NO	DESCRIPTION	RATES			DATE SHD. (MONTH/DA)
		11	12	13	
5	<p>TYPE OF DESIGN PROVIDED FOR WINDOW GLASS BY MR. RAJESH PRASAD MEHTA, ARCHITECT, PUNE, UNDER PROVISION MADE OF HIGHEST QUALITY, TINTED, HIGH PRIORITY GLASS, PROVIDED FOR THE WINDOW GLASS AND HIGH PRIORITY PROTECTION FOR HEAVY GLASS, WINDOW GLASS, COLOR AND/OR, TRANSPARENT, LIGHT FILTERS SHOULD BE PROVIDED TOGETHER WITH HIGH COMPATIBILITY FROM THE FRAME, PROTECTIVE SUPPLY FOR THE WINDOW GLASS OFFERS PROTECTION AGAINST SHOT GLASS, CRACK, VIBRATION &amp; CRACK, CURTAIN, WITH IN BUILDING PROTECTION BY RATING UP TO 100 mm/min.</p>				
7	<p>TYPE OF MATERIALS AND PROVISIONS FOR WINDOW GLASS BY MR. RAJESH PRASAD MEHTA, ARCHITECT, PUNE, UNDER PROVISION MADE OF HIGHEST QUALITY, TINTED, HIGH PRIORITY GLASS, PROVIDED FOR THE WINDOW GLASS AND HIGH PRIORITY PROTECTION FOR HEAVY GLASS, WINDOW GLASS, COLOR AND/OR, TRANSPARENT, LIGHT FILTERS SHOULD BE PROVIDED TOGETHER WITH HIGH COMPATIBILITY FROM THE FRAME, PROTECTIVE SUPPLY FOR THE WINDOW GLASS OFFERS PROTECTION AGAINST SHOT GLASS, CRACK, VIBRATION &amp; CRACK, CURTAIN, WITH IN BUILDING PROTECTION BY RATING UP TO 100 mm/min.</p>				



  
**Kavinindra M. Pawar**  
 Executive Engineer-1  
 AMC

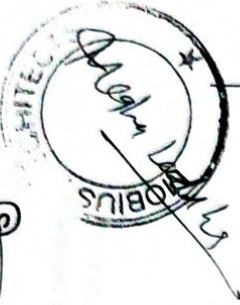
SECTIONAL ENGINEER (S&P)

  
 10/01/2021

51221

ELECTRICAL ITEMS

SR.NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
			L1	L2	L3	
8	<p>SITC of DMX Splitter with Input Voltage range : 180-240V AC. Power Consumption 5W max. Housing is made of DICA with powder coated finish. Mounting: 19 inch rack mountable. Operation Temperature : -30°C to +55°C, 8 Output with 3pin XLR Terminal sockets, Ingress Protection Rating IP20. This unit takes the DMX Signal from DMX Controller &amp; split the signal into 8 separate output channels. The output terminals of Splitters are optically isolated from the input. Splitters should be capable to amplify the DMX signal &amp; allowing the data link to be extended by max. 300m (1000 Ft.) using AWG 22 DMX cable or 150m (500 Ft.) using AWG 24 DMX cable or maximum 20-25 Metre per output channel. To be provided with IP enclosure if installed in external environment.</p>					
9	<p>SITC of Signal Amplifier to boost the Signal. IP 65 rated module to enhance the depleting DMX Signals, should have IP 65/67 rated inbuilt connectors compatible with luminaires. It should be offered with inbuilt electronic circuit for functioning. No external LED driver needed.</p>					
20	<p>SITC of DMX Controller for the system including all other accessories required for the running of the system. Controller should have Input Power: 5.5, 5V DC 0.6A and Output Protocol DMX512 with 4 universes, 2 universes should work in Stand Alone Mode and 2 universes should work in line mode with laptop/tablet / computer. The universe should be expandable from 2 to 4 DMX512 universes. Dmx controller should have network controllability feature to control the scene remotely through LAN and triggered via UDP packets on port 2430. It must have Connections Type: C USB, XLR3, Ethernet, battery. There should be provision for Memory microSD card. Device should have intuitive backlit keyboard with 10 presets and also have provision of keypad on device for changing scene manually from device. Device should be capable to work on Extended triggering possibilities (TCN) &amp; also have Smart Upgrade Technology (SUT). It is an IP 20 unit and has an Operating Temperature of 0°C to 50°C. weight should not be more than 120g. OS Requirements for the controller is Mac OS X 10.8 - 10.12, Windows 7/8/10. Standards should be EC, EMC, ROHS. Network synchronization of one area across hundreds of universes with the possibility of 99 scenes across 5 areas with auto ddd triggering for sunrise and sunset and as per the festivals for specific occasions. Device should be equipped with mets, clamp to mount on wall.</p>					



*Signature*  
**RAJESH K. M. PILLAI**  
 EXECUTIVE ENGINEER  
 09876543210



*Signature*  
**Iqbal Ishaq Khan**  
 City Engineer  
 A.M.C., Amravati



05/11

14/10

ELECTRICAL ITEMS

S.NO	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MATERIAL)
			1	2	3	
21	Supply, installation, setting & commissioning of LED bollards, Wazirpur 8W Power Module LED 3000K/4000K luminaires for downward lighting with mid power LED as light source made of die cast aluminium using die-casting process. Screen's impact resistance: IEC7. Housing made up of aluminium pipe UV protected Pure polycarbonate powder coated black after photochromatic treatment. It consists of aluminium heat sink for effective thermal management, stainless & excellent corrosion resistant. Mounting Flange of MS and casting is used at the bottom. Optical Component of Rating - IP 65. Weight should be approx 1000grams & weight of the whole assembly shall not be more than 2.4kg of weight. Light source having high efficiency long life LED module with 3000 LED package mounted on ALUMINUM. Lumen efficacy of LED > 150 lm/W. LED Chip of CREE/NICHIA/OSRAM/PHILIPS make shall be welcome should be supported by LED manufacturer's tech sheet. Colour Rendering Index: Ra > 80. Luminaire shall be having PC diffuser in cone shape to used for glare free uniform light distribution suitable of producing required CCT (3000K / 4000K - as per the requirement) with uniform lighting effect over the landscape area with about max 300 lumen/ft for 3000K CCT) with 8W max power consumption.					
22	Site of Decorative Tubular light as 3 meter pole with steel arm bracket. Bottom section 200mm x 25mm & Upper section 500mm x 25mm P.C. tube and 1000mm long bracket with 3000mm swiveling on both side. Total weight of the pole around 150NMM above, PMS outdoor cable.					



07/

REVISIONS  
NO. 1  
DATE: 05/11/2012

  
Iqbal Ishaq Khan  
City Engineer  
A.M.C., Amravati

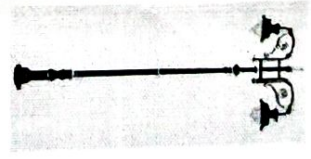

  
Sectional Engineer (Elect.)  
Amravati Municipal Corporation

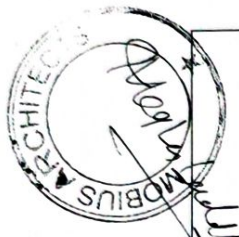
05/11

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ELECTRICAL ITEMS

MOBIS ARCHITECTS

SR.NO	DESCRIPTION	REF. IMAGE	RATES			DATE FINAL (MINIMUM)
			Q1	Q2	Q3	
13	<p>Supply, installation, testing &amp; commissioning of ARCHITECTURAL POST TOP POLE 4.5 M height Pole made of complete cast iron decorative components where the internal fabricated pole of 4.5 M is made in combination of mild steel pipe sections 89mm dia, 42mm dia, 33mm dia, &amp; covered on the outside by decorative cast iron base and columns. Decorative Cast iron base design with the company/brand logo engraved in the cast iron mould, starting with dia 260mm for 130mm height, followed by a ring of 260mm dia gradually tapering to a flat round surface of dia 170mm for 360mm height again followed by a ring dia 210mm and gradual tapering upto a dia 92mm as approved by the concerned Engineer the total height of decorative cast iron base is 700mm and weight 324kg. Decorative cast iron base should be provided with a flush door of length 228mm, width 124mm and height 30mm. Decorative cast iron flower starting with a dia 102 mm increasing gradually to 160mm and then tapering to a dia 99mm. Total height of cast iron flower is 394 mm &amp; weight is 634kg. Decorative cast iron column (Zros) is of 80mm dia, and having continuous grooves along the height. The height of each pillar is 750mm &amp; weight of each pillar is 9.5kg. Decorative Cast iron top starting with dia 80mm and a ring of dia 96mm at height of 160mm then gradually increasing to dia 120mm the top half of the decorative top should have grooves along the length, total height of cast iron top is 354mm. Weight: 5.2kg. All cast iron parts weight mentioned are with +/-5% tolerance. Entire pole shall be made to provide pleasing aesthetics as approved by Concerned Engineer in-charge. After Fabrication, Entire Pole is hot dip galvanized (60 microns Minimum) for the effective corrosion resistance. The hot dip galvanized pole should be provided with an Inbuilt junction</p>					
14	<p>Design, Providing and installing FIP lamps with overhead design and sealing arrangements specify below - As per Architect Design</p>					




Handwritten signature and initials.

Architectural Designer / Client



asmt

SR. NO.	DESCRIPTION	REF. IMAGE	RATES			RATE FINAL (MINIMUM)
			Q	Q	Q	
15	SITC of decorative Meff double side illumination with approved design, power consumption 300W (as per approved design) Mono or multicolour LED light mounted or routed on on MS fabricated structure or signage modules as per the design approved with external power driver of input power 12/24V DC					
16	Supplying and providing FRP Sunflower shaped light fixtures for Decorative purpose as per Architect Design.					



*[Signature]*  
**Raviindra M. Pawar**  
 Executive Engineer-1  
 AMC

*[Signature]*  
**Sectional Engineer (Elect.)**  
**Amravati Municipal Corporation**

*[Signature]*  
 10/06/2024