

कार्यालय - अमरावती महानगरपालिका अमरावती
विभागाचे नांव - प्रकाश विभाग
दर सूचना (कोटेशन नोटीस)

अमनपा/प्रवि/शअ/ 1206 /2023
दिनांक:- 21 /12/2023

कामाचे नांव - अमरावती महानगरपालिकेकडे वीज वापरापोटी होणा-या खर्चामध्ये बचत करणसाठी कंपेटिव्ह पध्दतीने वीज खरेदी करण कामी तज्ञ सल्लागाराची नेमणुक करणे.

अमरावती महानगरपालिकेकडे वीज वापरापोटी होणा-या खर्चामध्ये बचत करणसाठी कंपेटिव्ह पध्दतीने वीज खरेदी करणे कामी तज्ञ सल्लागाराची नेमणे या कामाकरीता बाजार भावाप्रमाणे दराबाबतचे दरपत्रक (कोटेशन) मोहोरबंद लिफाफ्यामध्ये अथवा ई- मेलद्वारे मागविण्यात येत आहे.

दरपत्रक सादर करण्याचा कालावधी	दि. 21 /12/2023 ते दि. 28 /12/2023 सायंकाळी 5.00 वाजेपर्यंत
दरपत्रक सादर करण्याचे ठिकाण	प्रकाश विभाग, महानगरपालिका अमरावती
ई-मेल आयडी	ee1pwdamc@gmail.com
दूरध्वनी क्रमांक	07212576482

टिप:-

- 1) सदर दर सूचना (कोटेशन नोटीस) मनपाच्या www.amravaticorporation.in या संकेत स्थळावर सविस्तर प्रसिद्ध करण्यात आलेले आहे.
- 2) दर वस्तु व सेवा कर विरहीत (Exclusive G.S.T) देण्यात यावे.
- 3) कामाचा अनुभव असणे आवश्यक असुन अनुभवाचे प्रमाणपत्र जोडणे आवश्यक आहे.
- 4) दरपत्रक सादर करण्याचा कालावधी नंतर प्राप्त झालेले दरपत्रक ग्राह्य धरण्यात येणार नाही.

शहर अभियंता

महानगरपालिका अमरावती

कार्यालय - अमरावती महानगरपालिका अमरावती
विभागाचे नांव - प्रकाश विभाग
दर सूचना (कोटेशन नोटीस)

अमनपा/प्रवि/शअ/1266/2023

दिनांक:- 21/12/2023

अमरावती महानगरपालिकेकडे वीज वापरापोटी होणा-या खर्चामध्ये बचत करण्यासाठी कॅप्टिव्ह पद्धतीने वीज खरेदी करणे कामी तज्ञ सल्लागाराची नेमणूक करणे या कामाकरीता बाजार भावाप्रमाणे दराबाबतचे दरपत्रक (कोटेशन) मोहोरबंद लिफाफ्यामध्ये अथवा ई- मेलद्वारे मागविण्यात येत आहे.

Sr. No	Scope of Work
	<p>A. Assistance in feasibility Study:</p> <p>a. Data Analysis</p> <ul style="list-style-type: none">• Assessment of Power consumption pattern at each location along with the assessment of actual demand and contract demand;• Study of the monthly bills from MSEDCL;• Unit consumption as per time of day (TOD) recorded will be used to extract the break-up of continuous demand and intermittent demand and load profile will be forecasted;• The analysis will be limited for the demand centres which are billed by MSEDCL and are in the name of AMC only. <p>b. Assessment of available option for decision to procure Power</p> <ul style="list-style-type: none">• After the analysis of existing and additional expanding demand, options for power procurement will be evaluated in comparison with existing model of procuring power from MSEDCL.<ul style="list-style-type: none">> Solar Captive Power Plant;> Solar Wind Hybrid based Captive Power Plant;> RTC Power (Renewable + Thermal) based captive power plant;• Assessment of the captive model in line with the Electricity Act 2003, Electricity Rules 2005 and existing Regulations of the State• Support with regards to analysis of regulatory aspects in setting up renewable captive power plant and recommended

share of power consumption from captive based on the forecasted numbers

- Assessment of the treatment for surplus power under the banking provision.
- The pros and cons of setting up a group captive power plant will also be evaluated

b. Assessment of Economic and Financial Feasibility

- Assessment of Cost per unit analysis of existing supply mode vis-à-vis the option of procuring power from Third Party vis-à-vis captive model as per regulations.
- Assessment of solar/ Wind capacity that can be installed based on the land availability / Demand Load curve / TOD curve / etc
- Formulation of the financial model considering the above option and assessment of the economic and financial feasibility:
 - Details of the project including capex and opex costs in each of the proposed model
 - Calculation of landed cost based on transmission charges, wheeling charges Cross Subsidy Surcharge, Additional Surcharge etc. under all the assessed options
- Impact Surplus power under captive mechanism and treatment of the same under prevalent.

c. Submission of Report and Recommendation

Submission of Report including data analysis, all the options studied to optimize the power procurement Cost and Recommendations thereof

B. Implementation Support

Post approval from the AMC and based on the option as approved, the Consultant to provide following support for carrying out the implementation of the selected option:

a) Assistance in the selection of Developer

- Formulation of Bid Documents and bid Formats including the technical qualification criteria and bid variables;

charges, wheeling charges Cross Subsidy Surcharge, Additional Surcharge etc. under all the assessed options

- Impact Surplus power under captive mechanism and treatment of the same under prevalent.

c.Submission of Report and Recommendation

Submission of Report including data analysis, all the options studied to optimize the power procurement Cost and Recommendations thereof

B.Implementation Support

Post approval from the AMC and based on the option as approved, the Consultant to provide following support for carrying out the implementation of the selected option:

a) Assistance in the selection of Developer

- Formulation of Bid Documents and bid Formats including the technical qualification criteria and bid variables;
- Assistance in conducting pre-bid meeting as well as assessment of queries / suggestions of the interested parties and incorporation of the same in the bid documents;
- Review of Technical and Financial Bids and preparation of Bid Evaluation reports;
- Recommendation to AMC for selection of the eligible Developer.

b) Post Contract award project management services to AMC

- Monitoring the overall project implementation activities upto
- Commissioning of the Plant and power supplied to AMC;
- Monitoring progress of construction activities;
- Preparation of Reports;
- Attending co-ordination and review meetings.

दरपत्रक सादर करण्याचा कालावधी	दि. 21 /12/2023 ते दि. 28/12/2023 सायंकाळी 5.00 वाजेपर्यंत
दरपत्रक सादर करण्याचे ठिकाण	प्रकाश विभाग, महानगरपालिका अमरावती
ई-मेल आयडी	ee1pwdamc@gmail.com
दूरध्वनी क्रमांक	07212576482


टिप:-

- 1) दर वस्तु व सेवा कर विरहीत (Exclusive G.S.T) देण्यात यावे.
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उपरोक्त कामासाठी आम्हीरुपये -----/- प्रति महिना अक्षरी (रुपये -----

-----) (सर्व करासह) या दराने काम करण्यास तयार आहे.

ठेकेदाराचे नाव, स्वाक्षरी व शिक्क्यासहित


शहर अभियंता
महानगरपालिका अमरावती