



Mizoram State E-Governance Society

(A Society under the Govt. of Mizoram)

Regn. No. SR/MZ-89 of 2005-06

Secretariat Building Annex-I,
Aizawl - 796001, Mizoram
Phone: 91-389-2319637
Fax: 91-389-2319632
E-mail: ceomsegs@mizoram.gov.in

No.G.28014/1/2016-MSeGS

Dated Aizawl, the 22nd December, 2016

SHORT TENDER NOTICE

Sealed quotation in plain papers from registered firms is invited by the undersigned for and on behalf of the Board of Governors of Mizoram State e-Governance Society (MSeGS) for supply of Wireless Network Equipment, UPS etc. from reliable firms/stockist/dealer for 'Improvement of Connectivity in State Capital and District Headquarter' as listed in the Annexure during 2016-17 which will be received on or before **19th January, 2017** at 2:00 pm and will be opened on the same day at 2:30 PM.

Details can be seen in the website www.tender.mizoram.gov.in and in the Office of Mizoram State e-Governance Society (MSeGS), Secretariat Building Annexe-I, Treasury Square, Aizawl during working hour.

(Dr. LALTHLAMUANA)
Chief Executive Officer
Mizoram State e-Governance Society



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TERMS AND CONDITIONS

- 1 Submission of Tender:
 - 1.1 Quotation should be submitted to the Chief Executive Officer, Mizoram State e-Governance Society (MSeGS), Mizoram Secretariat ANNEX - I, 3rd floor, Treasury Square, Aizawl, Mizoram, 796001.
 - 1.2 Quotation should be superscribed on the cover as "QUOTATION FOR SUPPLY OF WIRELESS NETWORK EQUIPMENT, UPS ETC."
- 2 Rates for each item should be quoted both in figures and words. All corrections must be initialed and dated. No over-writing is permitted. Rates for each item quoted must be included all taxes.
- 3 Bidders belonging to Scheduled Tribes should enclose House Tax Payee Certificate issue by Govt. Of Mizoram with his quotation and bidders belonging to General categories should affix court fee stamp worth of Rs. 7.50 in the quotations.
- 4 The undersigned further reserves the right to accept or reject any or all tenders and is not bound to accept the lowest or any workable rates in view of the prevailing local market rates without assigning any reason thereof.
- 5 Revision of rates during the period of validity of quotation either from Government or Firms will not be entertained in any case.
- 6 Bidders must quote for all items. Partial bid will not be entertained. Wireless equipment should be of the same made for better interoperability.
- 7 The bidder should undertake that the support including spares, patches for the quoted products shall be available for next 1 year
- 8 Quotationers should clearly indicate in their quotation specifications like the type, brand, make, model and the name of manufacturer etc., of the items quoted in the quotation.
- 9 The undersigned reserves the right to increase or reduce the quantity to be supplied by the supplier even during the validity of the Supply Order/ Indent according to the exact requirement of the Department.



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- 10 Samples catalogue (along with specifications), if any, should be submitted along with the tenders.
- 11 Earnest Money Deposit: Each quotation must be accompanied by Earnest Money Deposit of Rs. 10000/- (Rupees ten thousand only) for non-tribal tenderers and Rs. 5000/- (Rupees Five thousand only) for tribal tenderers which shall be in the form of call deposit from any nationalized Bank duly pledge in fav our of Chief Executive Officer, Mizoram State e-Governance Society (MSeGS), Mizoram Secretariat ANNEX - I 3rd floor, Treasury Square, Aizawl, Mizoram, 796001.
- 12 Payment:
 - 12.1 Payment shall be made only after delivery and acceptance of the materials which must be countersigned by the officer in charge of the MSeGS.
 - 12.2 No advance payment will be made in any case.
- 13 Delivery of Materials:
 - 13.1 The delivery of the materials should be made within 30 days from the date of issuance of the purchase order by MSeGS, Aizawl or as directed from time to time. All materials must be delivered at the destination specified by the tenderers.
 - 13.2 The selected tenderer or tenderers should supply the materials and equipments exactly of the same make, type, model, etc., as per the samples catalogue submitted.
- 14 Inspection:
 - 14.1 The Officer in-charge or the representative of the MSeGS shall have the right to inspect or to test the items to confirm their conformity to the ordered specifications.
 - 14.2 The supplier shall provide all reasonable facilities and assistance to the inspector at no charge to the purchaser (MSeGS).
 - 14.3 In case, any inspected or tested goods fail to conform to the specifications, the purchaser may reject them and supplier shall either replaced goods or make all alterations necessary to meet specification required free of cost to the purchaser.

(Dr. LALTHLAMUANA)

Chief Executive Officer

Mizoram State e-Governance Society



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No.D.11016/23/2016-MSeGS

Dated Aizawl, the 22nd Decy, 2016

Copy to:-

1. PPS to Chief Secretary, Govt. of Mizoram /Chairman, Board of Governors, MSEGs.
2. PS to Secretary, Department of ICT, Govt. of Mizoram /Vice Chairman, Board of Governors, MSEGs.
3. The Director, I & PR Department, Mizoram, Aizawl for information. He is requested to kindly take necessary action for publication for one issue each in 3 (three) Leading Local Newspapers as per short form attached.
4. Web Information Manager, Department of ICT for favour of information & necessary action.
5. Office Notice Board.

(Dr. LALTHLAMUANA)
Chief Executive Officer
Mizoram State e-Governance Society

**PROPOSAL FOR PROCUREMENT OF WIRELESS NETWORK EQUIPMENTS FOR
MSeGS**

SL.	ITEMS	SPECIFICATION	QUANTITY
1	Outdoor Wireless Point-to-Point	<p><i>Operating Frequency:</i></p> <ul style="list-style-type: none"> - 5Ghz or better <p><i>Interface:</i></p> <ul style="list-style-type: none"> - Data Port (10/100/1000 Ethernet Port) - Management Port (10/100 Ethernet Port) <p><i>Maximum Throughput:</i></p> <ul style="list-style-type: none"> - 1 Gbps or higher <p><i>Range:</i></p> <ul style="list-style-type: none"> - 100+ kms <p><i>Power Method:</i></p> <ul style="list-style-type: none"> - Passive Power over Ethernet (Adapter should be included) <p><i>Mounting Method:</i></p> <ul style="list-style-type: none"> - Pole Mounting (Kit should be included) <p><i>Antenna:</i></p> <ul style="list-style-type: none"> - 23dBi MiMo or better <p><i>Network Management:</i></p> <ul style="list-style-type: none"> - Ethernet, SNMP Support, Local and Remote status information. <p><i>Operating Temperature:</i></p> <ul style="list-style-type: none"> - -40 to 55° C or better <p><i>Compliance:</i></p> <ul style="list-style-type: none"> - FCC, CE, IC. 	12
2	Outdoor Wireless Point-to-Point	<p><i>Operating Frequency:</i></p> <ul style="list-style-type: none"> - 5Ghz or better <p><i>Interface:</i></p> <ul style="list-style-type: none"> - Data Port (10/100/1000 Ethernet Port) - Management Port (10/100 Ethernet Port) <p><i>Maximum Throughput:</i></p> <ul style="list-style-type: none"> - 500Mbps or higher <p><i>Range:</i></p> <ul style="list-style-type: none"> - 200+ kms <p><i>Power Method:</i></p> <ul style="list-style-type: none"> - Passive Power over Ethernet (Adapter should be included) <p><i>Mounting Method:</i></p> <ul style="list-style-type: none"> - Pole Mounting (Kit should be included) <p><i>Antenna:</i></p> <ul style="list-style-type: none"> - 23dBi MiMo or better <p><i>Network Management:</i></p>	26

		<ul style="list-style-type: none"> - Ethernet, SNMP Support, Local and Remote status information. <p><i>Operating Temperature:</i></p> <ul style="list-style-type: none"> - -40 to 55° C or better <p><i>Compliance:</i></p> <ul style="list-style-type: none"> - FCC, CE, IC. 	
3.	L2 24 Ports Switch	<p><i>Physical:</i></p> <ul style="list-style-type: none"> - Rack Mountable <p><i>Throughput:</i></p> <ul style="list-style-type: none"> - 18 Gbps or higher <p><i>Switching Capacity:</i></p> <ul style="list-style-type: none"> - 36 Gbps or higher <p><i>Networking Interface:</i></p> <ul style="list-style-type: none"> - 16 10/100/1000 Mbps RJ45 Ethernet Ports - Management Interface <p><i>Operating Temperature</i></p> <ul style="list-style-type: none"> - -5 to 40° C <p><i>Compliance:</i></p> <ul style="list-style-type: none"> - FCC, CE, IC. <p>PoE support for all ethernet port.</p>	2
4	UPS (1KVA Online)	<p><i>Rating:</i></p> <ul style="list-style-type: none"> - 1000 VA <p><i>Input System:</i></p> <ul style="list-style-type: none"> - 230 VAC Single Phase <p><i>Input Voltage:</i></p> <ul style="list-style-type: none"> - 170 – 280 VAC at full load <p><i>Output System:</i></p> <ul style="list-style-type: none"> - 220/230 VAC Single Phase (User Selectable) <p><i>Output Voltage Regulation:</i></p> <ul style="list-style-type: none"> - +/- 1% <p><i>Battery Type:</i></p> <ul style="list-style-type: none"> - Sealed Maintenance Free Lead Acid Batteries <p><i>Indicators:</i></p> <ul style="list-style-type: none"> - Audible Alarm Mains Failure, Low Battery, Load on Bypass, Overload and Short Circuit <p><i>Communication Interface:</i></p> <ul style="list-style-type: none"> - RS232 / USB port for software interface, SNMP Optional 	13
5	STP Cable (Outdoor)	<p><i>Cable</i> CAT5e, Shielded</p> <p><i>Ethernet Support</i> Up to 1 Gbps</p> <p><i>Conductor Wire Gauge</i> 24 AWG</p> <p><i>Conductor</i> Solid Bare Copper</p> <p><i>Conductor Diameter</i> 0.500 ± 0.005 mm</p> <p><i>Insulation Type</i> Solid PE</p> <p><i>Insulation Thickness</i> AVG: 0.295 mm, MIN: 0.29 mm</p> <p><i>Insulation Diameter</i> 1.16 ± 0.02 mm</p>	2 Rolls

		<p><i>Separation (Polyester Wrapping) Thick: 0.025 mm, Extent: 20 mm</i></p> <p><i>Anti-Crosstalk Divider LDPE: 4.2*0.3 mm</i></p> <p><i>Cable Shield (Aluminum Foil) Thick: 0.060 mm, Extent: 20 mm</i></p> <p><i>ESD Drain Wire 0.4 TC</i></p> <p><i>Rip Cord Yes</i></p> <p><i>Secondary Cable Shield (Braid) 16*8*0.16AA Density: 95%</i></p> <p><i>Jacket Material PE</i></p> <p><i>Jacket Thickness AVG: 0.52 mm, MIN: 0.46 mm</i></p> <p><i>Jacket Outer Diameter 6.8 ± 0.30 mm</i></p> <p><i>Reference Standard ISO/IEC 11801, TIA/EIA568B.2</i></p> <p><i>Cable length - 300m minimum per roll.</i></p>	
6	RJ 45 Connector	<p>STP Outdoor Compliant RJ 45 Connector.</p> <p>Protection against ESD attacks</p>	200
7	Surge Protection	<p><i>Surge Handling Capacity</i></p> <ul style="list-style-type: none"> - 50KA per Phase. - Must have provision to protect surges/spike of Line - Neutral, Line - Ground, Line - Line and Neutral - Ground. - Lightning (Surge) Protector must be designed to withstand multiple strikes. 	15