

TENDER DOCUMENTS

PICO PROJECTOR

AND

HANDHELD DEVICE (TABLET)

“SUPPORT STATE EXTENSION

PROGRAMMES FOR EXTENSION

REFORMS”

UNDER

NMAET (2015)

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Terms & Conditions:

1. The tenderers shall furnish the offers in separate envelopes clearly mentioning **Purchase of Pico Projector and or Handheld Device (Tablet)** accompanied by earnest money deposit (EMD) as mentioned in the tender documents, in the shape of bank draft in favour of Director, Department of Agriculture (Crop Husbandry), Mizoram, Aizawl. All envelopes containing the tender shall be properly sealed.
2. The tender should reach by 21st January, 2016 upto 1:00 P.M. along with the requisite amount of earnest money. **The tenders without earnest money will not be entertained and shall be rejected straight way.** The rates should be quoted in figures as well as in words.
3. The rates should be quoted on the basis of per unit and inclusive of all taxes, F.O.R. Destination and installation charges.
4. The successful tenderer shall extend minimum 2 (Two) years onsite warranty on all supplied hardware. He/ she shall submit bank guarantee equal to 25% of the total cost of hardware in lieu of warranty so extended. The Director of Agriculture (Crop Husbandry) and State Nodal Officer, ATMA, shall be at liberty to enforce such bank guarantee in case the supplier firms fails to provide warranty of supplied hardware during warranty period.
5. The successful tenderer shall supply the prescribed hardware within one month from the issue of supply letter failing which the Agriculture Department reserves the right to cancel the supply order without further notice.
6. The EMD of successful tenderer will be converted into security till the complete supply is made and will be refunded without any interest. The EMD of unsuccessful tenderer will be returned after completion of tender process.
7. The payment will be released after 30 days on installation of complete supply of material.
8. Latest Income tax, C.S.T./VAT clearance certificate along with registration No. be attached.
9. If the tender opening day happens to be holiday, the same will be accepted and opened on the next working day.
10. The make / brand of the quoted hardware must be mentioned.
11. The tenderer is required to submit **“certificate for satisfactory supply and service”** from at least three purchasers in respect of supplies made by the tenderer.
12. The person signing the tender form (or any other document forming part of the contract) on behalf of another, shall be deemed to guarantee that he has the authority to sign such documents and if, on inquiry it appears that the person so signing had no authority to do so, the purchaser, may without prejudice to other civil and criminal remedies against the contract, holds the signatory liable for all costs and damages and forfeiture of the earnest money.
13. The attempt on the part of the tenderer, to negotiate directly or indirectly, with the authority to whom the tender is being submitted or with the tender accepting authority, before the finalization of tenders, will make tenderer liable for exclusion from the consideration of his/her tender.
14. The product profile of the company/ dealer along with last 3 years turnover, not less than ` 25.00 lacs duly certified must be attached together with list of clients to whom the company/ dealer is supplying the tendered items for the last three years.
15. Director of Agriculture (Crop Husbandry) and State Nodal Officer, ATMA reserves the right to reject all or any tender/ cancel the tender altogether without assigning any reason.
16. Any dispute, arising out of this contract will be under the jurisdiction of Guwahati High Court, Aizawl Bench.
17. The approximate quantity to be purchased along with minimum hardware configuration/specifications required have been mentioned at Annexure “B”.

1. SPECIFICATIONS/ CONFIGURATION FOR PURCHASE PICO PROJECTOR

Sl. No.	Features	Specification	QTY.
1	Brightness	Minimum 100 ANSI lumens (standard mode),	11 Nos.
2	Image size (diagonal)	Minimum 20” - 80”	
3	Resolution	1024x600	
4	Aspect ratio	16:9/4:3	
5	Colour Support	24 Bit	
6	Contrast Ratio	1:1000 or higher	
7	LED lamp Life of	Over 20,000 hours in normal mode and 30,000 hours in economy mode	
8	Audio Output Power / Channel	Minimum 2 Watt RMS each channel with good quality speakers. If Projector does not have 2 + 2 Watt RMS speakers with good quality (as assessed by the Committee), external compact speakers will be provided to give requisite sound output.	
9	I/O connector	HDMI/MHL in, USB2.0 or SD card, 3.5mm stereo jack for supporting audio output	
10	File compatibility	.docx, .xlsx, .pptx reading capability desirable but not necessary Photo: JPEG/BMP/PNG Audio: MP3/WMA/WAV/M4A Video: AVI/RMVB/MPG/MPEG-4//DIVX/MKV, Video Modes: 480p, 720p, 1080i, 576p	
11	Input device Support	It should be capable of playing pictures and videos through SD card and USB without any external device. However, if USB / SD Card playback is not available, a suitable smartphone or any other playback device will be provided free of cost to enable playing of videos& pictures through HDMI./ MHL Port / Wireless. Basically, the Pico Projector should work as an independent unit and be able to play videos and pictures even without Tablet PC. Internet Display by connecting to the Tablet PC through HDMI/MHL Port or over wireless using Miracast / Ezeecast technology is necessary (while internet is coming via 3G).	
12	Remote control	Optional	
13	Operating temperature	5°C to 35°C (inside the room and ambient temperature outside from 0°C to 45 °C)	
14	Battery (Internal)	Minimum 2 hr with a minimum of 4000 mAh. If in-built battery not there, battery bank for 2 hours of operation should be provided.	
15	Total Mass	< 400 grams	
16	Standard accessories	Tripod, Power adaptor, HDMI/MHL- USB connector, Lithium-ion battery, AV cable, Carrying Case	
17	Warranty	3years for Projector and one year on Battery / Battery Bank	

2. SPECIFICATIONS/CONFIGURATION FOR PURCHASE HANDHELD DEVICE (TABLET)

Sl. No.	Feature	Specifications	QTY.
1	Operating System	Android 4.4.2 (or higher) out of the box and auto upgradable to higher versions of Android. Dual boot machines may be offered with Windows, iOS or any other operating system, but compulsorily with Android 4.4.2 (or higher) operating system.	20 Nos.
2	Processor	Quad Core ARM 1.2 Ghz. or higher OR x86 Dual Core 1.6 GHz or better so as to meet the benchmark score criteria listed below	
3	RAM	Minimum 1 GB DDR3 or higher with at least 40% RAM available to the user on first boot.	
4	Graphics	Should support 2D and 3D Graphics	
5	Display	At least 8 inch (diagonal) TFT LCD based Capacitive with Multi Touch Screen with minimum resolution of 1280x800 pixels, toughened glass with screen guard	
6	Connectivity	Built in 4G, GSM, GPRS, EDGE & HSPA, HSDPA, Voice Call, SMS [if voice call / SMS is not available, a separate feature phone with at least 2.8" colour display and sufficient messaging and contact storage (200 & 500 respectively) will be provided free of cost], Bluetooth v 3.0 or higher, WiFi IEEE802.11 b/g/n, Micro USB 2.0 or higher, A-GPS or better	
7	Camera	Minimum 5 MP Rear Camera with Geo-tagging Front Facing camera: 1MP or higher	
8	HD Video Recording	Minimum 720p/30fps	
9	Memory	On board Memory- Minimum 16 GB or higher. External micro SD slot expandable up to at least 32 GB	
10	Ports	Micro USB 2.0 or higher (preferably MHL compliant) 3.5mm Audio Jack	
11	Battery	Li-Po battery 6000MAH (if battery capacity is lesser than 6000 mAH, a battery bank of not less than 2000 mAH will be provided free of cost so as to make the total battery backup 6000 mAH or more)	
12	Video Formats	Should support Codec: MPEG4, H.264, H.263, VC 1, DivX, WMV7, WMV8 etc., Format: 3GP, ASF, AVI, MP4, WMV, FLV, MKV, Web	
13	Audio	MP3, AAC, AC-3, AMR, FLAC, MID, WMA, WAV, OGG; Good quality speakers	
14	Sensor	Light, 3D, Acceleration etc.	
15	Weight	Less than 400 gm	
16	Pre-Loaded Applications	Google™ Mobile Services including and not limited to Google Play, Gmail™, YouTube™, Google Maps™, Syncing with Google Calendar™, Google Search, Google+, Office Automation Software (Document, Spreadsheet, Presentation and PDF) with editing functionality (editing not in case of PDF), Audio and Video Player supporting formats mentioned. Voice and Video Chat Clients	
17	Warranty	02 years' warranty on Tablet and one year on Battery / Battery Bank	
18	Accessories	Ear phone, Bluetooth headset for voice calling (not needed if a separate phone is provided), Battery Charger and USB Cable, Folio/Flip cover or a carrying kit in field, User Manual and documentation	
19	Printing	Wireless printing without need of installing drivers	
20	Overall performance	(i) Quadrant score of 7000 or higher OR Geekbench 3.0 Score of 325 or higher on single core & 1100 or higher on multi-core; and (ii) An TuTu score of 17000 or higher	

1) QUOTATIONS FOR PURCHASE OF PICO PROJECTOR

Sl. No.	Item	Specification	Rate per Unit
1			
2			
3			
4			
5			

Note:-

1. The literature of quoted material specifications, if any, may be attached.
2. The rates should be mentioned in figures as well as in words
3. The rates should be quoted in per unit basis

**Signature of the tenderer
With Seal and Date**

2) QUOTATIONS FOR PURCHASE OF HANDHELD DEVICE (TABLET)

Sl. No.	Item	Specification	Rate per Unit
1			
2			
3			
4			
5			

Note:-

1. The literature of quoted material specifications, if any, may be attached.
2. The rates should be mentioned in figures as well as in words
3. The rates should be quoted in per unit basis

**Signature of the tenderer
With Seal and Date**

CHECK LIST OF COMMERCIAL TERMS AND CONDITIONS.

Sl. No.	Item	Vendor to indicate (Please Strikeout the Not Applicable part)
1	Whether tender cost paid?	Yes/ No
2	Whether EMD attached?	Yes/ No
3	Whether Manufacturer/ authorized Dealer/vendor for the tendered brand/ make? If so, attach the copy of certificate as Manufacturer/authorized Dealer/ Vendor.	Yes/ No
4	Whether income tax, CST/VAT Clearance Certificate alongwith registration No. attached?	Yes/ No
5	Whether agree to keep EMD as Security till the Completion of supply of material.	Yes/ No
6	Whether Time limit fixed for payment is acceptable?	Yes/ No
7	Whether price quoted are inclusive of taxes, installation and F.O.R. destination?	Yes/ No
8	Whether agree to submit bank guarantee during warranty period, as required	Yes/ No
9	Whether agree to supply material not more than the rates given to other Govt. Institutions?	Yes/ No
10	Whether onsite warranty on the quoted item acceptable?	Yes/ No
11	Whether jurisdiction of Court acceptable?	Yes/ No

Note: -

- i. Check-list should be properly filled indicating deviation, if any, signed by authorized person with seal of company and returned along with offer.
- ii. All documents submitted are to be self-attested duly stamped. A list of documents being submitted shall be prepared and enclosed with the order.

Date:_____

Signature & Seal of the Vendor