

**TELANGANA SOCIAL WELFARE RESIDENTIAL EDUCATIONAL INSTITUTIONS  
SOCIETY (REGD.)**

**DSS Bhavan, Opp chacha Nehru Park, Masab Tank, Hyderabad - 500 028**

IOT (Internet of things) Training for TSWREIS Students

**TENDER SCHEDULE**

1. Sale of Tender Schedules: From 06.01.2018 to 12.01.2018 up to 12.30 P.M during working hours.
1. Cost of Tender Form: Rs.3,000/-.
2. Last date for the submission of the sealed Tenders 12.01.2018 at 3.00 P.M.
3. Opening of the Sealed Tenders at 05.00 p.m. on 12.01.2018.
4. Submission of sealed tenders: To the Dy. Secretary, O/o The Secretary, Telangana Social Welfare Residential Educational Institutions Society (Regd.), DSS Bhavan, Opp Chacha Nehru Park, Masab Rank, Hyderabad-500 028. The sealed cover may be inserted in the Tender box provided for it by clearly writing on the Top of the Sealed Cover **“IOT(Internet of things) Training for TSWREIS Students.”**
5. Sealed Tenders will be opened at the **O/o The Secretary Telangana Social Welfare Residential Educational Institutions Society (Regd.) DSS Bhavan, Opp Chacha Nehru Park, Masab Tank, Hyderabad.**
6. The Sealed Tenders Received without enclosing the **EMD for Rs.1.00 lakhs (Rupees One lakh thousand only)** in the form of Demand Draft will be disqualified.
7. The successful bidder has to adhere to the time schedule. They have to training IOT (Internet of things) Training for TSWREIS Students. Failing which suitable steps will be taken immediately in addition to the stoppage of payment of bills, forfeiting the EMD/Security Deposit and claiming loss or damage to the TSWREI Society for which the firm is alone responsible.
8. The selected tenderer has to pay Security Deposit **for Rs.1.50 lakhs (Rupees One Lakh Fifty Thousand only) inclusive of EMD** as per the norms in the form of Demand Draft to the Secretary, TSWREI Society, Hyderabad for placing the Work Order. The EMD and the Security Deposit will be retained by the Secretary till the successful completion of the supplies in the case of successful Tenderer and will not carry and interest or it can be with hold by forfeiting the amount on the causing loss or damages to the TSWREI Society (Regd.), Hyderabad in addition to the charging of damages.
9. Enclose the Proposal, all the documented Proof for the mentioned points in the eligibility criterion.

**PLACE: HYDERABAD**

**DATED: 03.01.2018**

**Sd/- R.S.Praveen Kumar,  
SECRETARY**

**TERMS AND CONDITIONS FOR IOT(Internet of things) TRAINING FOR STUDENTS OF TELANGANA SOCIAL WELFARE RESIDENTIAL INSTITUTIONS.**

1. SEALED tenders will be received by the Secretary, Telangana Social Welfare Residential Educational Institutions Society, Damodaram Sanjeevaiah Samkshema Bhavan, Masab tank, Hyderabad – 500028 duly superscripted in red in **“SEALED TENDER FOR TRAINING FOR IOT (Internet of things) Training for TSWREIS Students”** as specified in the annexure. The tender shall be valid upto a period of one year after finalization of tenders and orders as per terms and conditions listed below.
2. a) The tender schedules can be obtained between 10.30 am to 5.00 pm on all working days from the office of Secretary, Telangana Social Welfare Residential Educational Institutions Society, DSS Bhavan Complex, Masab tank, Hyderabad-500028 from **06.01.2018 to 12.01.2018 at 12.30 PM**. A written requisition for the issue of tenders schedules is to be made to the Secretary, TSWREI Society, DSS Bhavan Complex, Masab tank, Hyderabad for the same by the intending tenderers duly enclosing separate Demand Drafts towards cost of the tender schedules as specified in condition no.3 below.  
  
b) Sealed Tenders will be received (only in tender schedules obtained from the Society) by the Secretary, TSWREI Society up to **03.00 pm on 12.01.2018** and shall be deposited in the tender box kept for that purpose. This tender box will be sealed **at 3.00 pm on 12.01.2018** and will be opened on **12.01.2018 at 05.00 PM.**, in the presence of tenderers or their nominated representatives who may be present in the O/o.Secretary, TSWREI Society, Hyderabad and the rates quoted by the tenderers will be readout to thereon.  
  
c) The sealed tenders sent by post will be received up to **3.00 pm on 12.01.2018** and shall be deposited in the tender box before sealing the box.  
  
d) No late receipt of tender forms beyond **5.00 pm** on the closing date or no plea for postal delays will be entertained and all tenders received after the due time and date on **12.01.2018** upto 3.00 PM will be summarily rejected.
3. Cost of the tender schedules is to be paid by means of an A/c payee Demand Draft drawn in favour of the **“The Secretary, TSWREI Society, Hyderabad” payable at “Hyderabad.”**
  - i) Cost of each tender schedule is **Rs.3,000/- (Rupees Three Thousand only)**
  - ii) The intending tenders from outside the State of Telangana may also pay the amount through crossed Demand Draft for Rs.3,000/- (Rupees Three Thousand only) drawn in favour of “Secretary, TSWREI Society, Hyderabad”, payable at Hyderabad.

**4. EARNEST MONEY DEPOSIT:** Every tender should be accompanied by an Earnest Money Deposit of the estimated value of the material being tendered for, subject to a ceiling of **Rs.1.00 lakh (Rupees One lakh only)** in the form of an account payee Demand Draft in favour of “Secretary, TSWREI Society, Hyderabad. **The tenders without the Earnest Money Deposit will be rejected. No exemptions are allowed in this regard.**

- a) Earnest Money Deposit will not be accepted in the shape of Cheques, postal orders, F.D.Rs., Money Orders or in the personal name of the Secretary or in any other mode of remittance except in the form of account payee Demand Draft in favour of the **“Secretary, TSWREI Society, Hyderabad.” Payable at Hyderabad.**
- b) Earnest Money Deposit will be returned to the unsuccessful tenderers within one month after the date of finalization of tenders. In case of successful tenderer, the earnest money deposit will be adjusted against the Security Deposit payable.
- c) Successful tenderer (s) shall be required to pay security deposit equal to 10% of the value inclusive of EMD of the order for the item approved under the contract within seven days time from the date of communication of acceptance of tender and should also execute an Agreement bond on non-judicial stamp paper worth Rs.100/- for faithful, sincere and satisfactory performance of the contract. The specimen of the Agreement bond will be supplied by the office along with the tender acceptance letter.
- d) If the successful tenderer-fails to furnish the security deposit 1.5 lakhs(Rupees One Lakh Fifty Thousand only) and the Agreement bond mentioned above within the prescribed period. Such failure will constitute breach of terms and conditions of this tender and Earnest Money Deposit paid by him will be forfeited and acceptance of tender will be treated as cancelled.
- e) If the successful tenderer fails to complete the work within the specified time, such failure will constitute breach of contract and Security Deposit paid by him will be forfeited and the Training order to the extent of incomplete supplies will be treated as cancelled.

**5. SUBMISSION OF TENDER:** Each tenderer is required to sign the Declaration enclosed to the tender form with date and stamp of the designation or status of the signatory enjoying the authority of the firm. The same signatory shall be required to execute the Agreement bond under his / her signature only. The signatory should produce documentary evidence of empowering him to do so, if called upon at any time during the contract period. Declaration in duplicate is to be enclosed to the tender schedule.

- a) Rate should be quoted in words also and should be inclusive of all taxes/duties, such as excise duty, surcharge, turnover tax, GST, State sales tax etc.,
- b) 5% price preference will be given to Central / State Govt., agencies.**
- c) The rate should be inclusive of destination points fixed by the Secretary, TSWREI Society, Hyderabad. Trainings on destination points should be the respective TSWR INSTITUTION POINT AS FIXED BY the Secretary, TSWREI Society, Hyderabad.
- d) Telegraphic, pencil written and over-written tender schedule will not be accepted.
- e) Unsigned tenders will be rejected.
- f) Tenders from the persons/firms convicted under the Consumer Protection Act, Sales Tax or Income-Tax, any other relevant Acts and Rules will be rejected. A certificate/undertaking should be appended to the tender stating that the firm has not been convicted/penalized/black-listed at any time prior to this tender. Tender submitted without this Declaration will be summarily rejected.
- h) Conditional tenders will be rejected.
- j) The tender should furnish the rate for the items indicated in the Annexure enclosed to the schedules only with reference to the specifications. Only one rate should be quoted against each item specified in the annexure. Tenders with more than one rate will be rejected.
- k) The rates should be valid for a period of 12 months from the date of execution of Agreement. No permission shall be granted to modify or change the rate on any ground/circumstances whatsoever be, once the rate is accepted and the successful tenderer shall hold it good for a period of one year extendible for a further period of 3 months or more as many be decided by the Secretary, TSWREI Society, Hyderabad, if necessary.

- l) The acceptance of the tender will be intimated to the successful tenderer within the validity period of acceptance of the tender as far as possible and if some delay is likely to occur in such intimation, tenderers will be required to keep their offer open for a further period as may be found necessary and intimated by the Secretary, TSWREI Society, Hyderabad.
- m) If, at any point of time during the period of the contract, the price of tendered items is reduced or brought down by any law or Act of the Central or State Government, the tenderer shall be morally and statutorily bound to inform the Secretary, TSWREI Society, immediately the effect of such reduction on the contrived prices and abide to the modified rates, that may be decided/agreed mutually.
6. The Secretary, TSWREI Society, shall himself *suo motto* order to effect such reduction in the contracted rated, in such cases and the tenderer is liable to abide by such an order.
7. Penal clauses whatsoever such as charging interest for delayed payment of the bills, etc., will not be accepted.
8. No sub contract/lease by the successful tenderer is permissible.
9. The Tenderer will carry the working Internet device like Jio-fi or any other wifi dongle to provide the internet as required for the training of IOT.
10. *The IOT should be done in all the proposed schools (100) of the TSWREIS authority. 30 students in each school selected by the principal will be trained on IOT with the curriculum below:*

**IoT(Internet of Things)**

**Training Content**

Day	Session-I-Content	Session-II-Content
1	Introduction to technology. Importance and applications of technology.	Introduction to IoT. Importance and applications of IoT.
2	Structure of IoT and its functionality. Introduction to development boards.	Types of development boards and their specifications. Introduction to Raspberry pi.

<b>3</b>	<b>Introduction to Software and operating system and their types. Hardware of a Raspberry Pi.</b>	<b>Introduction to basic Linux commands and sample python programming.</b>
<b>4</b>	<b>Introduction to Node MCU and Hardware configuration of Node MCU and setting up Node MCU to a computer.</b>	<b>LED blinking project with Node MCU.</b>
<b>5</b>	<b>Introduction to sensors and types of Sensors. IR sensor project with Node MCU.</b>	<b>Security System project using IR Sensor and Buzzer.</b>
<b>6</b>	<b>Introduction to Ultrasonic sensor and sample project on Ultrasonic sensor.</b>	<b>Introduction to Motors and types of Motors. Introduction to Stepper motor and its functionality.</b>
<b>7</b>	<b>Automation Project using Ultrasonic sensor and stepper motor.</b>	<b>Introduction to Float sensor and programming on float sensor.</b>
<b>8</b>	<b>Project by using float sensor and LED.</b>	<b>Controlling a led with mobile phone using internet.</b>
<b>9</b>	<b>Controlling Real time bulb with mobile phone using Internet.</b>	<b>Asking students to think on their own ideas for doing a project by using above devices.</b>
<b>10</b>	<b>Working on student's idea based projects.</b>	<b>Finishing student's idea based projects.</b>

- a) The successful tenderer should complete the process **within 60 days** from the date of issue of order.
11. **GUARANTEE/WARRANTY:** The Successful Tenderer should support the IOT Training and should carry a guarantee/warranty of the firm for a period of one year from the date of commencement.
12. **PAYMENT:** Payment is done in the school once the training is completed. The payment will be done by the principal of the respective TSWREIS school after he is satisfied with the training of the teacher for the specific period agreed and content published above.
13. No claim shall lie against the Society in respect of interest on EMD or Security Deposit under any circumstances.
14. The Secretary, TSWREI Society does not bind himself to accept the lowest tenders, the Secretary reserves himself the right to accept or to reject any tender without assigning any reason thereof.
15. In case, if the successful tenderer fails to complete within the period specified in the order, he/she will be liable to make good the loss sustained by the Society in addition to the penalty. The Secretary, TSWREI Society, Hyderabad, has the right:-
  - a) To impose and recover a penalty of sum of 5% of the price of total value of the tender from the successful tenderer who failed to train the students within 60 days.
  - b) The Secretary has all the rights to cancel the whole contract or portion thereof unconditionally.
  - c) To forfeit the earnest money deposit and/or security deposit to the extent of training found if incomplete.
17. Notwithstanding anything contained in the terms of offer by firm no suit in regard to any matter whatsoever arising out of this contract, shall be instituted in any court save a court a competent jurisdiction in Telangana.
18. **QUALIFICATION OF SUBMISSION OF TENDERS:**
  - a) Tenderer should have Income Tax & Sales Tax registration certificates.
  - b) An experience certificate of at least 1 years in the supply of education content and material is essential.
  - c) Wherever applicable and pertinent to the tenderer, authority attested photo copies of such certificates as manufacturing license, authorized dealership, SSI unit certificate and other such permissions should be enclosed as applicable.
  - e) Unattested Xerox copies of any certificate or Declaration enclosed will not be accepted and if such unattested copies are enclosed, the tenders are liable to be rejected.

- f) Also they must submit training certificates as a partner/vendor or associated vendors with the Tenderer from reputed institutes like Microsoft specific to IOT mandatorily
19. Authorisation letters / distribution letters in original, only from the original service providers should be enclosed by the tenderers is an authorized Agent or distributor.
20. Tender should show the originals if required for all the Xerox copies submitted.
21. The Society reserves the right to verify the capacity and capabilities of the **Tenderer** for training IOT strictly as per this tender requirement.
- (a) The Tenderer will have to carry Laptops (if required) to the locations where computers are not available or not working to complete the IOT Training.
- (b) The Manuals have to be supplied to the student that should be useful for future reference for the training conducted. The principal should keep the copy of the same.
22. **Opening of Tenders:**
- Tenders will be opened and read out to the tenders or their authorized representatives who may be present on **12.01.2018 at 05.00 p.m.** in the office of the Secretary, TSWREI Society, DSS Bhavan, Masab Tank, Hyderabad or his authorized officers.
23. Validity of offer : From the date of acceptance of tender
24. Delivery schedule : The delivery of goods completing of contract terms and conditions.
26. Registration details / PAN / TIN / GST / VAT as applicable.

**Note:- The tenders should not entitled to claim any cost, charges are incidental for or in connection with the preparation of submission of tenders.**

**PER CHANCE THE ABOVE NOTIFIED DATE IS DECLARED AS HOLIDAY THE TENDERS SHALL BE DEEMED TO BE DUE FOR OPENING ON THE NEXT WORKING DAY AT THE SAME HOUR.**

**Sd/- R.S.Praveen Kumar,  
SECRETARY.**



**ENCLOSURES TO BE MADE TO THE TENDER FORMS SUBMITTED BY EACH TENDERER**

- a) Declaration signed by the Tenderer or by authorised person along with letter of authority.
- b) Earnest Money Deposit.
- c) Income Tax Clearance certificate for the past three years.
- d) Certificate showing the minimum experience of 5 years in /distributing / Training(s).
- e) Terms and Conditions and annexure duly signed and stamped by the tenderer or authorised person.
- f) Submit training certificates as a partner/vendor or associated vendors with the Tenderer from reputed institutes like Microsoft specific to IOT mandatorily
- g) List of Major order executed to the Government Departments during the last 5 years (photo copies)
- h) Audited Balance Sheet covering profit and loss statements for the last three years.

Dated: . . .2018

**Signature of the Tenderer**

The signatory should be an  
Authorised person

**CHECK SLIP**

**(To be filled by the Tenderer only)**

**THE DOCUMENTS TO BE COMPULSORILY ENCLOSED TO THE TENDER FORM ARE LISTED BELOW. ANY OMISSION MAKES THE TENDER LIABLE FOR REJECTION. BEFORE SEALING THE TENDER CHECKUP EACH ITEM AND SCORE AT THE APPROPRIATE PLACE WITH YES OR NO.**

1. Name and Address of the firm.

2. Earnest Money Deposit enclosed : **YES/ NO**

3. Income Tax Clearance Certificates for the past three years : **YES/ NO**

4. Sales Tax Registration Certificate enclosed: **YES/ NO**

5. List of Major orders executed to the Govt. departments during the last 5 years : **YES/ NO**

6. Audited Balance Sheets covering profit and loss statements for the last three years : **YES/ NO**

**Place:**

**Dated:** . .2018

**Signature of the Tenderer  
(Office Seal)**