**SINDH EMPLOYEES SOCIAL  
SECURITY INSTITUION**

**ISSUED TO M/S \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**TENDER DOCUMENTS FOR  
CONSTRUCTION OF NEW BUILDING  
FOR OFFICES, AT SESSI HEAD OFFICE (ELECTRICAL) FOR THE YEAR 2017-18**

**Director Engineering**

**HEAD OFFICE:**

**Sindh Employees’ Social Security Institution,**

**Aiwan-e- Mehnat Kash,**

**Shaheed Rashid Minhas Road,**

**Gulshan-e-Iqbal,**

**Karachi-Pakistan**

**Ph: 021-99243927**

**Email:** [**ddmuhammadfarooq@gmail.com**](mailto:ddmuhammadfarooq@gmail.com)

# Sindh Employees’ Social Security Institution

***(Head Office)***

Social Security House

Rashid Minhas Road,

Gulshan-e-Iqabal

Karachi- 75300

**TENDER FOR EMERGENCY REPAIR MAINTENANCE & REPLACEMENT OF DISMANTLED SEWERAGE & MAIN WATER SUPPLY LINE AT SESSI HEAD OFFICE 2017-18**

Issued to M/s. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­

Opening date & time \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Place, SESSI, Head Office**.

Tender Fee **Rs. \_\_\_\_\_\_\_ \_\_\_ (Non Refundable)**

Paid vide F-6 No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dated: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Earnest Money 02% Pay Order No. \_\_\_\_\_\_\_\_\_\_

in favour of “ SESSI”

Bank Branch \_\_\_\_\_\_\_\_\_\_

TENDER ISSUED BY \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contractor’s Signature

The total cost of work is Rs. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(In words Rupees \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notice: The contractors should seal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

and sign each and every page CONTRACTOR’SSIGNATURE

of this document.

A P P E N D I X

|  |  |
| --- | --- |
| 1. Earnest Money | Equal 2% of tender cost as pay order in favour of  “SESSI” |
| 2. Time of completion of works from the date of commencement. | 06 Months |
| 3. Liquidate damages in  case of non- completion  of work within stipulated time. | Rs. 200/- (Rupees Two hundred only) per day. |
| 4. Limit of liquidated damages. | 25% of total contract value. |
| 5. Period of payment | Within 15 days after submission of bill |
| 6. Retention money | 10% (Ten per cent) |
| 7. Release of retention  money. | To be released after expiry of Six months maintenance period. |
| 8. Release of Earnest  money | With the 1st Running Bill. |
| 9. Maintenance period      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Seal of contractor | 06 months    Contractor’s Signature    Address\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­\_\_\_\_\_\_\_ |

INSTRUCTIONS TO TENDERERS

1. Sindh Employees’ Social Security Institution, Social Security House, Gulshan-e-Iqbal, Karachi hereinafter referred to as the “Employer” from experienced approved contractors to submit tender for emergency repair maintenance & replacement of dismantled sewerage & main water supply line at SESSI Head Office 2017-18 at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. The complete set of tender document must be addressed to the Director Engineering, SESSI in sealed envelope and clearly marked “Tender for Emergency Repair Maintenance & Replacement of Dismantled Sewerage & Main Water Supply line at SESSI Head Office 2017-18 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ must be delivered to SESSI, Head Office by registered mail or by hand not later than\_\_\_\_\_\_\_\_\_ A.M on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Tender will be opened the same day and time at the Head Office in the office of the Vice Commissioner, SESSI, Head Office.

3. Each tender must be accompanied by a Bank draft or pay order for the sum named in the Appendix as Earnest Money in favour of SESSI. The Earnest Money of the successful enterers shall be returned after the award of work.

4. In the event of there being a discrepancy between the “ Rate and “ Amount” entered for any item in the bill of Quantities the Rate will be taken as correct and amount will be adjusted accordingly when the tender is being examined and or subsequently when such discrepancies noted.

5. The quantities contained in the Bill of Quantities are estimated ones, to be sued only for comparing tenders. These quantities may vary to any extent any work is omitted or added, the payment will only be made on the actual quantities of work done.

6. Tenderers must mention clearly their address on which notice may validly be served on them.

7. The successful tenderers will be required to send to SESSI, Head Office a representative or representatives with proper powers of attorney for the purpose of entering into and executing a contract agreement immediately after receiving a work order. Failure of the successful tenderers to enter into a contract with the employer within ten days shall be just because for the annulment of the award and in the event of such annulment, the earnest money of such successful tenders shall be retained by and become forfeited to the employer. The award then may be made to another tenderers, or the employer may call for new tender. In any event, the employer reserves the right to accept or reject any or all tenders without assigning any reason and also to waive any informalities in the tender received if it appears to be in the best interest of the employer to do so.

***Sindh Employees’ Social Security Institution,***

***(Head Office)***

Aiwan-e- Mehnat Kash,

Shaheed Rashid Minhas Road,

Gulshan-e-Iqbal,

Karachi- 75300

**SUBJECT: TENDER FOR EMERGENCY REPAIR MAINTENANCE & REPLACEMENT OF DISMANTLED SEWERAGE & MAIN WATER SUPPLY LINE AT SESSI HEAD OFFICE 2017-18**

Sir,

1. Having examined the conditions, specifications and Bill of Quantities for the Tender for Emergency Repair Maintenance & Replacement of Dismantled Sewerage & Main Water Supply line at SESSI Head Office 2017-18 at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. I/ we the undersigned offer to complete and maintain the whole work in conformity with the said conditions, specification and Bill of Quantities for the sum of Rs.\_\_\_\_\_\_\_\_\_\_\_\_ (Rupees \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or such other sum as may be ascertained in accordance with the said conditions.

3. The above total sum is based on the quantities, shown in the Bill of Quantities which are approx; and the unit price quoted by us which are definite and firm forming part of the contract. The above sum, therefore, serve only for the purpose of simple comparison of the tenders.

4. We undertake if our tender is accepted to execute Agreement and commence the work within 10 calendar days of receipt of the Employer’s order to commence and to complete and deliver the whole of the works comprised in the contract within the time mentioned in Appendix.

5. We agree to abide by all the conditions of the tender alongwith other conditions agreed mutual during the execution of work.

6. We agree that you are not bound to accept the lowest or any tender you may receive and you can cancel the work order and forfeited the earnest money if the work is not started within 10 days.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seal of Contractor CONTRACTOR’S SIGNATURE

ADDRESS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**GENERAL CONDITIONS OF CONTRACT**

**SCOPE OF WORK**

01.01 The work covered by this section of the specification consists of furnishing all labour, equipment, appliances and material and in performing all operation in connection with the tender work complete in strict accordance with the specification and applicable drawings and subject to condition of contract.

**GENERAL**

02.01 All painting materials etc to be used shall receive prior approval of Consultant/ Employer’s Engineer / Representative. Any work not confirming to the required quality of work man ship to be rejected by the Consultant/ Employer’s / Representative and it shall be replaced by the contractor at this own cost.

03.01 **UNIT PRICE**

The contract does not contain any price variation clause; therefore all unit prices are fixed and unchangeable. The unit price, except otherwise specified in the Bill of Quantities shall include all additional cost and provision required for the correct execution of the contract work in compliance with the TIME SCHEDULE.

**SUPERVISION OF THE WORK AT SITE**

0.01 The contractor’s Engineer/Representative will keep a watch over the work and see that every thing is executed expertly and in conformity with the specification correspondence to the site to inspect the work. The Consultant’s representative/ employers representative shall have right to reject any material work man ship which does not confirm to the specification and to suspend any work that is being improperly done.

04.02 The inspection of the work by the employer the consultant and their representative does not relieve the contractor of his full responsibility towards careful, faultless execution of the work and its parts.

04.03 The employer and the consultants shall have the right of remove from the site of the contractor’s personal be cause of misconduct or not being able to do the work assigned to them. In such care the contractor shall immediately replace such personal as required by the employer or the consultants.

**TIME SCHEDULE & EXECUTION OF WORK**

* 1. The time is the essence of the contract. The whole work is to be completed as per schedule submitted by the contractor before the start of work.

05.02 Extension of time, will not be considered except for delays occurring through force Majure or cause by the action of the employer or the consultants. In such event time of completion shall be extended by such reasonable period as the employer may decide. An extension of time will, as a matter of Principle, not be granted if difficulties in abiding the terms of the contract are due to contractor’s fault.

05.03 No extra payment will be made for expense incurred by the contractor due to the above-mentioned delays or extension of time.

05.04 Application for extension of time must be submitted to the employer through the consultant in writing stating unobjectionable proven reason. The employer’s consultant approval of the extension of time is valid if given in writing by consultant or employer’s Engineer. An extension of time shall in no case be more than period of delays caused by Force Majure of any other expected causes.

* 1. In case the contractor’s performance is not on Schedule as approved by the employer or consultants, the later is entitled to demand the use of more equipment and the employments of more labour without extra compensation.

**SITE & STORAGE PLACES**

* 1. The contractor will with mutual agreement of employer’s representative made own arrangement for storage of material.
  2. The contractor shall maintain all areas placed at his disposal in neat and healthy condition.

**CLEAN UP AND MOVING OUT**

* 1. After completion of the work the contractor shall remove debris, waste material etc and the site left in clean and tidy condition.
  2. The consultant will not accept the final work unless the site is cleared up to his satisfaction.
  3. The employer has the right to retain an adequate amount of money due to the contractor until the site is cleaned up.

**PERSONAL OF THE CONTRACTOR.**

08.01 The contractor must appoint for the extension of the work a resident skilled supervisor well experienced in this kind of work who shall be legally vested to act on his behalf.

**ARRANGEMENT OF MATERIALS ETC**

* 1. Contractor shall make his own arrangement for all materials.

**LIQUIDATED DAMAGES FOR DELAY.**

* 1. If the contractor is unable to complete the work on schedule because of his slow work, bad quality work man ship any other negligence he shall pay to the employer liquidated damages for each calendar day of the delay beyond the employer may deduct the amount of such liquidated damages from the bill of the contractor, provided that this amount shall not exceed 25% of the total value of work. The payment of deduction of such damages shall not relieve the contractor of his other obligation and liabilities under the contract.

**ALTERATION ADDITION & OMMISSIONS**

* 1. The employer shall make any variation of the form quality or quantity of the work or any part thereof that may in his opinion be necessary and for that purpose of if for any other reason which may in his opinion be desirable so to do shall have power to increase or decrease the quantity of any work i/c in this contract omit or add any such work.
  2. Contract value in respect of additional work omitted shall be valued at the rate set out in the B.O.Q for any item for which rates are not available in the tender the contract to should prepare his R.A. before starting that work and get it approved by employer will be final and binding on both parties.

**DUTIES & TAXES**

* 1. All taxes, duties such as Income Tax, Sales Tax, etc i/c subsequent changes if any) which the contractor may liable to pay will be entirely the responsible of the contractor and the Employer have no concern with these.

Increase of wages & changed costs of Material & Transports

* 1. Any claim by the contractor due to increase of wages or change of cost of material or the transport occurring after signing the contract will not be accepted by the Employer.

**LIABILITIES & FORCE MAJURE**

* 1. The contractor is solely responsible for accident regardless of its nature that may happen in the course of work in any part of work.
  2. Alteration of time schedule may occur by Force Majure. The following event falls under the terms of Force Majure, wall rebellion, epidemics, fire, floods, and strike (not brought about by, or binding being beyond control of the contractor) and other unavoidable incidents causing loss or material, equipment or machineries.
  3. Information as to the fact of such causes of delay through Force Majure must be given immediately to the consultants or employer and his acknowledgement must be obtained in writing.
  4. Neither shall the employer nor the consultant be liable to the contractor for any loss or damage caused by Force Majure directly or indirectly.

**OTHER LIABILITIES OF THE CONTRACTOR**

* 1. The Employer and the consultant pre-purpose that the contractor has bound of all law of Pakistan pertaining to the execution of work and that the will always abide by these laws. The contractor is particularly obliged to comply with all regulations and ordinance in force or to be passed by the Government in connection with labour legislation during the course of the work to be performed.

**CANCELLATION OF THE CONTRACT BY THE EMPLOYER.**

* 1. Reason for the cancellation of the contract shall be deemed to be existing:

1. If the contractor contrivances the terms of contract.
2. If the contractor has infringed any of the law of Pakistan.
3. If the progress of work does not confirm to the time schedule and the contractor is not willing or not in a position to exert greater efforts for speeding up progress or the quality of workmanship of work is not satisfactory in the opinion, of employer, for which he is the sole judge.
4. If the contractor shall become insolvent or have an order admitting a petition in insolvency made against him or shall present his petition insolvency or shall make arrangements with or assignment in favour of his conditions or shall agree to carry out the contract under a committee of inspection of his creditors or (being company) shall go into liquidation (other than a voluntary) for the purpose of amalgamation or reconstruction if the contractor shall assign the contract without the consent in writing of the employer first obtained or shall have an execution levied of his goods.
   1. The employer is entitled to give notice or cancellation of the contract due to above-mentioned reasons and to demand discontinuation of work, by informing the contractor in writing of such decision and the reason therefore, 14 days prior to cancellation. In case that contractor does not remedy within 10 days of notice served on him the reason prompting cancellation the employer may cancel the contract.
   2. In the event of cancellation of the contract, the employer will make the following payment provided that these are not counter by his own claims:-
5. The contractual settlement of part performance.
6. Refund of material delivered but not yet used at site

to an extent as accepted by the consultant / employer.

* 1. In the event of cancellation of the contract the contractor is not entitled to compensation for the loss or profits. In such case, the employer is entitled to entrust the work to other party or parties by outvote contract or otherwise and the employer will immediately suspend all payment forfeited all deposit take possession of the contractor’s equipment, gear and materials and continue the work in order to avoid additional expenses as for as possible and take any other action as the employer thinks fit.
  2. All extra cost incurred by the employer over the contract price will be legally enforced by the employer and the gear and material belonging to the contractor will eventually be attached or the same will be recovered by the employer from any monies.
  3. The contractor has the right to suspend the work if the employer fails to make payments of the bills within 30 days after the consultants/ site Engineer has duly certified the same.
  4. Should unavoidable delays arise due to force majure caused and continue for more than one month the employers shall have the right to terminate the contract and the contractor will receive payment for all material brought to the site as well as for the whole of the completed work at the contractually established unit price, payment due for incomplete work shall be established by mutual agreement between employer & the contractor on consultant for waiting time for loss or profits.

**MEASUREMENT FOR PAYMENT**

* 1. The employer shall after examining each such statement within 15 days certify the amount of payment to the contractor which the consider reasonable and proper in respect thereof subject to deduction of Retention money and of any other sum which may be due and payable by the contractor to the employer.

**CONDITION OF PAYMENT**

* 1. Bills will be submitted by the contractor to the employer on the basis of work done. Payment will be made within 15 days of the presentation of the bill subject to approval of the employer.
  2. The Retention Money recovered at 10% of the bill amount form running bills shall become payment after the completion of the maintenance period and after the consultants/ employer have certified the satisfactory performance of the contractor.

**SETTLEMENT OF DISPUTE**

* 1. All dispute and difference of any kind whatsoever arising out or of in connection with the contract or the carrying out of work weather during the progress of the work or after their completion and weather before or after the determination, abandonment or breach of the contract shall be referred to and settled by the employer who shall state their decision in writing. The decision of the employer consultants with respect to any of the accepted matters shall be final and without appeal. But if either the employer or the contractor is dissatisfied with the decision of the consultants on any matter question or dispute of any kind.

(Except any kind of the accepted matter) then and in any such case either party employer or contractor may after receiving notice of such decision give a written notice to the other party through consultant requesting that such matter in dispute be arbitrated upon. Such written notice shall specially the matters which are in dispute and only such dispute or difference of which such writing notice has been given shall be referred to the arbitrator and final decision of single arbitration. The arbitrator will be qualified and competent person or Architect or Engineer to be agreed upon and appointed by both the parties or in case if their disagreement as to the appointment of the single arbitrator there will be two arbitrator each being a qualified and competent person Architect or Engineer one to be appointed by each party which arbitrators shall before preceding to the reference appoint as umpire.

* 1. The arbitrator one the umpire shall have power to scrutinize review and revise any certificate opinion requisition or notice serve in regard to the accepted matter in dispute which shall be submitted to him or them and of which notice shall have been given as aforesaid.
  2. Upon every or any such reference the cost of and incidental to the reference and award respectively shall be at the discretion of the arbitrator or arbitrators, or the umpire who many determination the amount thereof, or direct the same to be taxed as between attorney or client or as between party and shall direct by whom and to whom and in what manner the same shall be borne and naiad. The submission shall be deemed to be a submission to the arbitration within the meaning of the arbitration at 1940 or and statutory modification thereof.
  3. The award of the arbitrators or arbitrator or the umpire shall be final & binding on the parties, the employer can hold payment of an interim certificate in any way the contractor should not delay the carrying out of the work by reason of any such matter, question or dispute being referred to Arbitration but shall proceed with the work with all diligence and shall until the decision abide by the decision of consultant and no award of the arbitrator or arbitrators or the umpire shall relieve the contractor of his obligation under the contract to complete the work.

**OTHER CONDITIONS**.

* 1. If the site is not handed over to the contractor due to any reason whatsoever, the contractor will not present any claim in this respect to the employer.
  2. Enough notice be given by the contractor to the Engineer Incharge for the inspection before any work is covered other wise the Engineer can ask the contractor to open such works for inspection at any time during the currency of the contract.
  3. Contractor has to arrange for the supply of all plants ladders scaffolding etc required for the work.
  4. The work or any part of work should not be sub-let by the contractor or otherwise the contract will stand rescinded and the security deposit forfeited.
  5. If the work could not be physically started at site by the contractor the contract will stand cancelled and the Earnest Money forfeited. The contractor will not be paid for cartage of any material to the site.
  6. The tender rates shall be inclusive of all lead and lifts.
  7. If stone or rock etc or water is found in excavation no extra rate shall be entertained by the employer. The contractor’s rates shall stand inclusive of all such charges and the material so found shall be property of employer.
  8. An item may be added, deleted, quantities increased or decreased to any extent as per site conditions and work to be executed as per availability of funds.

# GENERAL CONDITIONS OF CONTRACT (ELECTRICAL WORKS)

1. The Electrical contractor should submit Electrical Contractor Licence issued by Electrical inspector of Sindh duly renewed.
2. The electrification work shall be carried out by Licenced workman authorized to undertake such work under the provisions of the Electricity Act 1910 and the Electricity Rules 1937, as adapted and modified by the Government of Pakistan.
3. The installation in general shall be carried out in conformity with the Electricity Rules, 1937 and the latest edition of the Regulations for the Electrical equipment of Building by the Institution of Electrical Engineers London ( I.E.E) However, in case of conflict between these specification and the I.E.E.E Regulation, these specification shall be followed.
4. The contract shall be responsible for submitting the test report certificate and getting the installation passed by the Electric Inspector, Government of Sindh. Any special requirements of the local electric supply company shall be complied with.
5. The contractor shall set out the work himself and if any discrepancy is found, he shall report the matter to the Engineer and shall act as desired, If any defective or modified setting is carried out by the contractor on his own he shall rectify or make it good at his own cost.
6. The contractors shall take care not to damage the structure during executing the work, if so done, he shall repair and make good all looses at his own cost.
7. The contractor shall furnish all materials and requirements at site, confirming fully to the specification given here in and to the accepted standards as laid down by British Standard. The Institution of Electrical Engineers London and Pakistan Standard Institute. It is not the intent of these specifications to include all details of design and construction of various materials and equipment to be supplied under this control. The contractor shall supplying and install all materials and equipment specified herein and also all installation and material such as, switch sockets, ceiling rose, distribution board and electrical fittings.
8. **GUARANTEE**: The contractor shall furnish written guarantee of the fittings and electrical fittings against performance of each equipment such guarantee shall be for replacement and repair or whole fittings or equipment which may be found defective in material. The guarantee shall cover a minimum period of 12 months.
9. The conduit for lighting and socket out let wiring shall be PVC electrical conduit manufacture by the Pakistan PVC Ltd.
10. Manufactured smooth bends shall be used where conduit changes direction, bending or conduit by heating or other-wise shall be allowed at special situation only.
11. The conduit shall be installed concealed in RCC salabs, RCC columns, & CC block wall floors etc as required. At all joints and bends PVC jointing solution as manufactured by Pakistan PVC Ltd must be used strength and to seal the joint.
12. The G.I. pipe shall be installed under floor or under base ground where required. The depth of G.I. pipe under floor shall be 3” (76m.m) minimum measured form the top of the pipe.
13. The wires for conduit wiring, lighting and power shall be single core, made of standard conductors, PVC insulated, 250/400 volts grade, tested to B.S 2004. 1961 and manufactured by Pakistan Cables Ltd or its approval equivalent.
14. The wiring shall be continuous between terminations the looping in system shall be followed throughout. Any joint in wire will not allowed, the use of connector only be allowed at location where looping ended difficult. The concerned of the Engineer in writing will be required for using connector.
15. Switch controlling light and fan points shall be single pole for 250 volts, 50 Hz and with current rating as specified in the Bill of Quantities.
16. All Light Central Switches and Socket out let unit shall be fixed Flush with/on surface of will on record ( 16S.WG) sheet steel Box Teak Wood board.
17. Ceiling fans shall be capacitor type speed suitable for 250 volts single phase. 50 c/c the air displacement a all be 100,00 C/M for 48” ( 1219 m.m) sweep and 12000 e.f.m. for 56” (142 m.m) sweep at maximum speed the fan motor shall be capacitor type and bearing shall be grove type to give noiseless operation. The fan regulator shall Hye mited high of rade sheet
18. steel and shall have five speed marks and on “OFF” mark he regulations shall be recessed mounting type the fan and regulator shall be “ Millat” of National (Lahote) make or approved equivalent.
19. The distribution board shall be triple pole and nutral and shall have in each phase the required number of mouldad miniature circuit breakers of current rating shown in Bill of Quantities. The miniature circuit breaker shall be single phase 230 volts and shall have magnetic and thermol short circuit and over current protections. The switches and ratings shall be by means of lever circuit breakers shall AEG ELFA make or approved equivalent.
20. The lighting fixtures description as given on the each type is specified detail in the relevant items of Bill of Quantities.
21. Upon completion the installation the contractor shall perform field tests on all equipments, material and system. Tall test shall be conducted in the presence of Engineer for the purpose of demonstrating equipments.
22. The contractor shall furnish, install and maintain all tools, instruments test equipments, materials, connections etc furnish all personal i/c supervision and stand by “ Labour required for the testing setting and adjustment of all electrical facilities and their components parts i/c putting the same into operation The witnessing of any test by the Engineer doe relieve the contractor of his guarantee for material, equipment and workmanship as specified in the conditions of contract.
    1. Installation test. The minimum acceptable insulation

resistance value will be 5 meg ohms.

* 1. Earth Resistance Test.
  2. Operation Test.
  3. Miscellaneous system.
  4. Completion test.

**SIGNATURE OF CONTRACTOR**

**BEFORE SUBMISSION OF THE**

**TENDER ADDRESS\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**6. TERMS AND CONDITIONS ACCEPTANCE CERTIFICATE:**

I/we M/S \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is hereby confirmed that I / we have carefully read all terms and conditions of the tender and also agreed to abide SPPRA Rules 2010 for procurement of goods during the validity of the tender.

* The Procuring Agency may reject all bids at any time prior to the acceptance of a bid under SPP-Rules, 2010 amendment 2013.
* 2% Bid security should be attached with the bidding document in shape of pay order drawn in favour of Sindh Employees’ Social Security Institution.
* Bids not accompanied by the Bid Security will not be considered.
* Copies of the Sales Tax Registration, Registration with PEC, Sindh Revenue Board (SRB) and NTN are to be attached with the bidding documents.
* Last 03 years, experience in relevant field is required.
* Last 03 years Income Tax Return of FBR is required.
* Rs.50 Lacs for New Projects and Rs.25 Lacs for Repair /Maintenance works with Bank Statement of Firm is required.
* The quoted price shall be inclusive of all applicable Govt. taxes and charges.
* Procurement Committee shall finalize the bids in light of SPP-Rules, 2010 clause (8).
* The bidders are requested to submit their bids alongwith the bid validity period.
* The bid must be submitted alongwith the detailed company profile.
* The method of procurement is open competitive bidding single stage one envelope procedure.
* The prices to be quoted shall be filled in the bidding documents mandatory.
* The successful bidders who undertake to execute the contract shall be liable to forfeiture of their Bid Security as a penalty.
* The bids shall be evaluated on the following criterion.
* Lowest evaluated bid in terms of value for money.
* As per specifications, terms & conditions mentioned in the bidding documents.

Signature of Contractor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of Authorized person \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Designation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seal and Address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Tel No. & Fax No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Witnesses**:

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Note***: -

All the above columns must be filled carefully otherwise the tender shall not be entertained.

* All the above said instructions must be read carefully for compliance.
* Department reserves the right to ask and verify any document related with manufacturing of item, to access the quality.

**TENDER FOR CONSTRUCTION OF NEW BUILDING FOR OFFICES AT SESSI HEAD OFFICE (ELECTRICAL) FOR THE YEAR 2017-2018**

**SECTION ‘A’ (SCHEDULE ITEMS**)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Schedule Page & Sr. Nos.** | **Description** | **Qty.** | **Unit** | **Rate in Rupees** | | **Amount** |
|  |  | **O. WITH 4 CORE OVERHEAD OR UNDERGROUND 600/1000** | | | | | |
|  | 12-102 | Providing & laying (MAIN OR SUB MAIN) PVC insulated & PVC sheeted with 4 core copper conductor 600/1000 volts size 16mm2. | 135 | P/Mtr. | 1300 | | 175500.00 |
|  |  | **SUB HEAD II POINT WIRING** |  |  | |  |  |
|  | 15-129 | Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4”) channel patti on surface as required. | 52 | P/Point | | 910 | 47320.00 |
|  | 15-130 | Wiring for plug point with 3/.029 PVC insulated wire in 20mm (3/4”) channel patti on surface as required. | 19 | P/Point | | 742 | 14098.00 |
|  | 15-131 | Wiring for call bell or fan point with 3/.029 PVC insulated wire in 20mm (3/4”) channel patti on surface as required. | 04 | P/Point | | 1590 | 6360.00 |
|  |  | **SUB HEAD VII JUNCTION BOX** |  |  | |  |  |
|  | 26-167 | Providing & fixing of street light 400 watts (HPIT) having IP65 classification with 250w lamp, choke, capacitor, igniter & internal wiring complete in all respect at the height upto 40ft with the help of hydraulic crane and manual labour as per site requirement and instruction of EI. | 02 | Per No. | | 16980 | 33960.00 |
|  |  | **SUB HEAD X CIRCUIT BREAKERS** |  |  | |  |  |
|  | 31-203 | Providing & fixing circuit breaker 6,10,15, 20,30,40,50 & 63amp SP (TB-5S) on a prepared board as required. | 15 | Per No. | | 916 | 13740.00 |
|  | 31-204 | Providing & fixing circuit breaker 6,10,15,20, 30,40,50 & 63amp DP (TB-5S) on a prepared board as required. | 08 | Per No. | | 2456 | 2368.00 |
|  | 31-206 | Providing & fixing circuit breaker 15,20,30,40,50 & 60amp TP (XE-100CS[CB]) on a prepared board as required. | 01 | Per No. | | 5521 | 5521.00 |
|  | 31-207 | Providing & fixing circuit breaker 15, 20, 30, 40, 50, 60, 75 & 100amp TP (XE-100NS[NS]) on a prepared board as required. | 02 | Per No. | | 9261 | 18522.00 |
|  |  | **SUB HEAD XI ELECTRICAL ACCESSORIES** |  |  | |  |  |
|  | 33-219 | Providing & fixing one way SP 5amp switch flush type. | 56 | Per No. | | 54 | 3024.00 |

**TOTAL OF SECTION “A” RS.3,20,413.00**

Total of Section “A” Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Above / Below Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total Amount Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SECTION “B” NON SCHEDULE ITEMS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Non Schedule Nos.** | **DESCRIPTION** | **Qty.** | **Unit** | **Rate** | **Amount** |
| 2. | 2. | Wiring of 10 Amp, Plug point from nearest circuit to point with 3/.029 PVC Insulated Single core wire of Pakistan Cable Ltd/AGE in Channel Patti (Adamjee) at any length on Surface I/C all accessories with No,14 SWG bare copper wire as ECC all along with Channel Patti complete in all respect without let 10 Amp, Universal open Board fiber. | 12 | P/Point |  |  |
| 3. | 3. | Wiring of 15 Amp Power Point from D.B. to point with 7/.029 PVC Insulated Single core wire of Pakistan Cable Ltd/AGE in Channel Patti (Adamjee) at any length on Surface I/C all accessories with No.14 SWG bare copper wire as ECC all along with Channel Patti complete in all respect without Power Plug 15 Amp outlet & open board fiber. | 16 | P/Point |  |  |
| 4. | 4. | S/I of following Size PVC conduit /Channel Patti on Surface and concealed in wall column ceiling etc I/C all conduit channel accessories Such as Bends Elbow Socket J/Box, R/Block etc as required for Main to Sub Main wiring Similar purpose.  i) ½”  ii) ¾”  iii) 1”  iv) 1 ¼“  v) 1 ½”  vi) 2” | -  -  1206  -  50  - | -  -  Per Rft  -  -  Per Rft | -  -  -  -  -  - | -  -  -  -  -  - |
| 5. | 5. | Wiring of Telephone point with 1-2 pair PVC insulated wire in channel Patti from exchange (P.A.B.X) to point on Required with T.P.Box. Surface etc complete. | 04 | Per Point |  |  |
| 6. | 6. | S/I and commissioning of following Size copper conductor PVC Insulated single core wire of Pakistan cables Ltd/ AGE in already Laid concealed/ on Surface conduit/ channel as required for Main to Sub Main, wiring or Similar work.  a) 1.5 mm2 Single Core Wire,  b) 2.5 mm2 Single Core Wire,  c) 4 mm2 Single Core Wire,  d) 6 mm2 Single Core Wire,  e) 10 mm2 Single Core Wire,  f) 16 mm2 Single Core Wire,  g) 35 mm2 Single Core Wire,  h) PVC Telephone Wire 2 pair. | -  2380  -  1880  -  16  -  - | Per Rft  Per Rft  Per Rft Per Rft  Per Rft  Per Rft  Per Rft  Per Rft | -  -  -  -  -  -  -  - | -  -  -  -  -  -  -  - |
| 8. | 8. | S/I 2/3 light plug out let (Universal) 10 Amps Single phase Anchor 220V flush type Switch Socket combine unit (if required) fitted on Separate or combine T.W Board covered with fiber white Sheet Satiable Size to be fixed recessed/ on Surface in wall, column to house the unit complete as per Specification the Socket and Switch shall have molded with plastic face & shall be Anchor approved etc. complete in all respect. | 12 | Each |  |  |
| 9. | 9. | Same as items No.10 but Sachet Switch combine unit rated for 15, Amp 3 pin out let required. | 16 | Each |  |  |
| 15. | 15. | S/I of 18” circulate/ Bracket type fan (Pak) enclosed grill type fan 220,V 50,C/S Pak Equivalent I/C Capacitor Blades. Control Switch to be fixed with 40/.076 Twin core wire as desired by engineer. | 08 | Each |  |  |
| 16. | 16. | S/I of AC exhaust fan 12” Sweep Capacitor type having air displacement I/C Capacitor type as per technical specification and as required to be Pak fan. | 01 | Each |  |  |
| 24. | 24. | Excavation of Trench 2’ft depth of any kind of (Sail/ Hard/ Soft) for laying of L.T. power cables direct under ground with suitable cover top with CC block or brick and bottom filled with screened Bajri, I/C back filling curing, compacting and repairing of CC floor 1:2:4 Over base of 1:3:6 or Bituminous Carpeting over Sub base or base as per Site Condition and as divided by the Engineer incharge. | 160 | Cft |  |  |
| 51. | 51. | Providing & fixing panel board double shutter to accommodate heavy duty circuit breakers bus bars including painting with enameled paint and for other similar jobs on surface | 1.87 | Sft |  |  |
| 56. | 56. | P/F of wooden / PVC board of D/sizes for plate switch of approved quality council in wall column etc. as desired by the Engineer I/C. | 16 | Each |  |  |
| 57. | 57. | P/F LED light 30 watt i/c holder (threat type) with accessories etc. complete in all respect. | 10 | Each |  |  |
| 58. | 58. | P/F LED light 8” round or square i/c wiring connection with accessories etc. complete in all respect. | 13 | Each |  |  |
| 59. | 59. | P/F LED tubelightt 4 ft i/c necessary electric connection and fixing on wall or ceiling etc complete. | 08 | Each |  |  |
| 60. | 60. | P/F Plate switch of china made with given switch etc. complete in all respect. | 15 | Each |  |  |

**Total of Section “B” Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**SUMMARY**

**Total of Section “A”** **Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Total of Section “B” Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**GRAND TOTAL (A+B)** **Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

CONTRACTOR SIGNATURE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SEAL OF CONTRACTOR \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ADDRESS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Note:**

**Contractors should sign and sealed all papers.**