

Name of work: Construction of Quarters for Agriculture college at A.A.U., Jabugam.

SPECIAL CONDITIONS

PROCEDURE TO BE FOLLOWED FOR EXECUTION OF ELECTRICAL WORK

- The Electrical work as per part-II of quantities shall be carried by Electrical contractor registered in R & B Electrical Division in "E2 and Above" class and same document shall be required to be submit along with tender document during P.Q. and work shall be carried out by same electrical contractor during work execution.
- The Electrical works as per part-II of quantities shall be supervised billed for and passed by the Executive Engineer, Anand Agricultural University, Anand.
- The payment of bill of electrical work duly passed by the Executive Engineer, Anand Agricultural University, Anand after performing required general security.
- So far as Electrical work is concern, the decision and instruction given by the Executive Engineer, Anand Agricultural University, Anand shall be binding to the contractor and be shall be liable to act in accordance with the instruction issued for the quality & workmanship etc.
- Quality of work and part rate / reduce rate etc. for electrical work shall be decided by the Executive Engineer, Anand Agricultural University, Anand and shall be binding to the contractor.
- The contractor shall observe the prevailing rules procedure for the electrical work before during and after execution of electrical works as directed by the Executive Engineer, Anand Agricultural University, Anand.
- Electrical work shall be carried out completed simultaneously with civil work.
- Approved product make for electrical items should be consider as Mentioned in schedule-B & if not written in schedule-B than consider as per tender booklet.
- Electrical contractor have to assist for MGVL power supply as instructed by engineer in charge.

Signature of Contractor

Executive Engineer

THE FOLLOWING CLAUSE SHALL BE DEEMED TO HAVE BEEN INCLUDED IN ALL TENDERS FOR BUILDING WORKS.

NOMINATED ELECTRICAL SUB-CONTRACTORS

- (1) The main contractor shall identify in his bid / offer and name Electrical Contractor who will execute electrical items of the contract. Such Electrical contractor will be referred to as "Nominated Electrical sub Contractor" The Electrical sub-contractor shall fulfill the following condition.
 - 1.1 He should be Registered in "E2" and above class as Electrical contractor by any Electrical Division of Road and Building Department or Narmada and water Resource Department of Government of Gujarat.
 - 1.2 He should be holding currently valid registration certificate issued by the above specified Electrical Division.
 - 1.3 He should have spare capacity to execute the electrical component of the contract work taking into consideration his contract works on hand. For this purpose, he should furnish the statement showing the details of contract works on hand, total value of such works executed up to the month of submission of this offer and the balance value of contract works in progress yet to be executed.
- (2) The main Contractor should produce with his offer "Memorandum of understanding" with the Electrical sub-contractor disclosing the terms and conditions specifying the obligation regarding performance of the contract work pertaining must contain, besides other terms the following provision. "that in respect of work, goods, materials or services the subject of the sub contract, The obtained electrical sub contractor will undertake towards the contractor the like obligations and liabilities as are imposed on the contractor towards the employer by the terms of the contract".
- (3) The nominated electrical sub contractor shall be approved subject to the following conditions.
 - 3.1 The works, goods, materials, services and electrical items to be executed by the nominated electrical sub contractor will be subject to approval and supervision of Executive Engineer (Electrical).
 - 3.2 The rates, quantities as measured and amount payable for electrical items of work will be certified by the executive.
 - 3.3 The main contractor and nominated electrical sub contractor will be jointly responsible for quality of electrical portion of contract work and for rectification of defective work up to defect liability period as per condition of contract i.e. on in the tender document.
 - 3.4 Prior approval of the engineer in charge will be necessary for relieving nominated electrical sub contractor before contract work is accepted as completed and for appointment of new electrical sub contract. The approval will be given subject to such conditions as the engineer in charge may consider necessary for satisfactory

and finally completion of electrical portion of contract. The Engineer in charge will have powers to reject the premature relief of nominated electrical sub contractor if he is not satisfied with reasons for relieving the nominated electrical sub contractor and after such refusal, the main contractor shall be deemed to have committed default in performance of the contract if he do not restore the originally approved nominated electrical sub contractor. The approval of new electrical sub contractor will be subject to fulfillment of all requirements prescribed for approval of electrical sub contractor.

- (4) The Bidder shall have to confirm that the electrical Sub-contractor shall execute the Electrical item to the contract fulfilling following requirement.
- 4.1 All equipments, materials and other accessories to be provided by the contractor under the terms of this contract shall confirm to the relevant I.S.S. samples of the Engineer in charge well before they are used on the work. The make of these shall be preferred from the approval list of material for use on work for relevant S.O.R. or at appendix of the tender document as may apply.
 - 4.2 The installation shall also be carried out strictly in conformity with the requirement of Indian Electricity Act.-1910 as amended and the Indian electricity rules 1956 as well other statutory regulations that may be relevant to such electrical installations.
 - 4.3 In this electrical work, erection, testing and commissioning shall comply with relevant Indian standards and code practice in force.
 - 4.4 Good workmanship is the essence of this contract and shall be observed during execution of work at all times. A qualified and an experienced supervisor shall be charged by the contractor immediately free of cost.
 - 4.5 After completion of work / installation necessary tests will be carried out as may require under relevant rules including.
 - [A] Insulation resistance test with 500V / 1000V meger for 250V / 415V, system respectively and the test result should not be less than 1 meger ohm value.
 - [B] Resistance to earth of any point in grounding system the test result should not exceed one (1) Ohm.
 - 4.6 On completion of the electrical installation work the contractor shall submit six copies of "RECORD PLAN" indicating very clearly the runs of various size of mains, sub mains position and circuit of all points with their subjective controls etc. Duly signed by the licensed electrical supervisor & contractor under whose supervision this work has been carried out.
 - 4.7 The electrical contractor shall furnish the test certificate / test reports in prescribed Performa duly signed as may require and arrange to obtain electrical power connection from the licensee of the region on completion of this work without any delay.
 - 4.8 Any other clause that may be thought proper and applicable by the Govt. shall be binding on the bidder.

- (5) The Employer will not be responsible for financial settlement and disputes settlements between the main contractor and electrical sub contractor.
- (6) Before issuing the completion certificate or preparation of the final bill the Engineer in charge shall be entitled to demand from the main contractor reasonable proof that all payments. Less retentions, security for performance, tax Deductions in respect of work or goods, materials or services rendered by or supplied by nominated Electrical sub contractor have been paid or discharge by the contractor to nominated Electrical sub contractor. If the main contractor cannot satisfy the employer by furnishing reason for nonpayment or dues to the nominated Electrical sub contractor, the Engineer-in-charge shall be entitled to retain the disputed amount as security deposit which will be released only after production mutually agreed settlement of account or the award of the Arbitrator to be nominated by electrical sub contractor.

Also the security deposit along with performance bond of electrical sub contractor shall become refundable only after getting no obtain certificate from concerned authority.

(7) For testing of Material

- (A) Material to be used in work should be got approval by in charge E.E.
- (B) Sample of material to be used in the work is required to be tested at GERI or BVM, Vidhyanagar Laboratory / or from the approved Govt. research institute, which is must. Samples required to be submit as per requirement of GERI or BVM, Vidhyanagar Laboratory, in case of cable and wire 3 meters of sample and for Fluorescent fitting 5 no.s of ballast with 2 no.s Fluorescent Lamp may be required for testing. No payment will be made on account of sample material, so it is requested to tenders / agency consider cost of sample material consideration while quoting the tender. Actual paid by agency for testing of material will be paid by the Department. Agency is requested to contact GERI or BVM, Vidhyanagr Laboratory to understand there requirement for testing of material.

Signature of Contractor

Executive Engineer